



AGENDA – Engineering and Construction Committee

Thursday, March 16, 2023 6:00 PM

Committee Members

J. Fennell, Chair
D. Bouckaert
D. Novotny
F. Saverino
J. Zay

- I. Roll Call
- II. Approval of the February 16, 2023 Engineering & Construction Committee Minutes

RECOMMENDED MOTION: To approve the Minutes of the February 16, 2023, Regular Engineering & Construction Committee Meeting of the DuPage Water Commission.
- III. Report of Status of Operations and Construction
- IV. **Resolution No. R-8-23:** A Resolution Approving and Ratifying Certain Change Orders for a Contract for the Construction of DPPS Emergency Generation System Modifications (Contract PSD-10/22) **(Change Order No. 01 – Increase of Contract Price by \$61,500.46 and a Time Extension of 31 Calendar Days)**
- V. **Resolution No. R-9-23:** A Resolution Approving and Ratifying Certain Change Orders for the Influent, Effluent, and 72” Meter Buildings Coatings Rehabilitation Contract (Contract PSD-11/22) **(Change Order No. 01 – Increase of Contract Price by \$20,380.00 and a Time Extension of 23 Calendar Days)**
- VI. **Resolution No. R-10-23:** A Resolution Approving a 2-Year Contract Time Extension of Contract QR-12/21 with John Neri Construction Co. Inc., Rossi Contractors, Inc., and Benchmark Construction Co. Inc. **(No Cost This Action)**
- VII. **Resolution No. R-11-23:** A Resolution Approving and ratifying Certain Task Orders Under a Master Contract with AECOM Technical Services for the Condition Assessment of the Lexington Pumping Station **(Estimated Cost of \$91,369.00)**

RECOMMENDED MOTION: To recommend approval of Items 2 through 5 of the Engineering and Construction Committee portion of the Commission Agenda.

VIII. Other

- a. Discussion regarding transmission and distribution system redundancy

IX. Adjournment

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**Minutes of a Meeting
of the Rescheduled**

ENGINEERING & CONSTRUCTION COMMITTEE

DuPage Water Commission
600 E. Butterfield Road, Elmhurst, Illinois

February 16, 2023

Chairman Fennell called the meeting to order at 5:45 P.M.

Committee members in attendance: D. Bouckaert, J. Fennell, D. Novotny, F. Saverino, and J. Zay

Committee members absent: None

Also in attendance: C. Bostick, D. Cuvalo, J. Haney and M. Weed

Commissioner Bouckaert moved to approve the Minutes of the January 19, 2023, Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Saverino and unanimously approved by a Voice Vote.

Manager of Water Operations Bostick provided a synopsis of the ongoing maintenance and repair activities as listed in the Report of Status of Construction/Operations as well as the status of Capital Improvement projects.

In regard to Resolution R-7-23, Manager of Water Operations Bostick advised the Committee that this item appears on the agenda authorizing the General Manager to Enter into an Agreement with Multisystem Management Company for a three-year contract for Janitorial Services at the DuPage Pumping Station and Administration Building at an estimated cost of \$84,186.00 over the three-year period.

Manager of Water Operations Bostick advised the Committee that Raftelis, Inc. continues development of the Cost-of-Service Study in advance of Water Purchase and Sale Agreement contract negotiations with the City of Chicago however the City issued only a partial response to the first round of questions generated by Raftelis. In a sperate, but related matter, Carollo Engineers continues to investigate and issue draft technical memoranda on various aspects of potential alternate sources of Lake Water for the Commission. Both draft reports are expected in March of 2023.

Manager of Water Operations Bostick advised the Committee that Burns & McDonnell Engineering Co. continues work to review and validate the DuPage Water Commission's Meter Testing Program including support for Commission Customer's annual LMO-2 IDNR water audit submittals. The final document should be completed in the 1st Quarter of 2023.

Manager of Water Operations Bostick reported the SCADA System contract is ongoing with Control Room remodeling underway as well as several project workshops continue to develop the SCADA system graphics, programming, reporting and security.

Manager of Water Operations Bostick reported the DPPS Emergency Generation System Modifications project is ongoing with structural steel having been delivered and scheduled for installation in the coming weeks.

Manager of Water Operations Bostick reported Schneider Electric, the Building Automation System (BAS) upgrade work is ongoing with the installation of system controllers and the installation of the upgraded network cabling

Chairman Fennell inquired with the Committee if there were any further questions regarding the action items. Hearing none, Commissioner Saverino moved to recommend approval of item 2 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Bouckaert and unanimously approved by a Voice Vote.

Chairman Fennell inquired the Committee if any other business or other items to be discussed.

With no other items coming before the Committee, Commissioner Bouckaert moved to adjourn the meeting at 5:53 P.M. Seconded by Commissioner Novotny and unanimously approved by a Voice Vote.



MEMORANDUM

To: Paul May – General Manager

From: Chris Bostick – Manager of Water Operations **RCB**

Mike Weed – Operations & Instrumentation Supervisor
Dariusz Panaszek – Pipeline & Remote Facilities Supervisor
Jessica Haney – Project Engineer
Denis Cuvalo – SCADA and Information Technology Supervisor

Date: 3/9/2023

Subject: Status of Operations and Construction

Operations Overview

The Commission's sales for the month of February 2023 were a total of 1.85 billion gallons. This represents an average daily demand of 66.0 million gallons per day (MGD), which is lower than the February 2022 average day demand of 67.5 MGD. The maximum day demand was 69.5 MGD recorded on February 4, 2023, which is lower than the February 2022 maximum day demand of 72.4 MGD. The minimum day flow was 62.2 MGD.

The Commission's recorded total precipitation for the month of February 2023 was 3.83 inches compared to 2.89 inches for February 2022. The level of Lake Michigan for February 2023 is 578.77 (Feet IGLD 1985) compared to 579.20 (Feet IGLD 1985) for February 2022.

Operations & Instrumentation Maintenance and Construction Overview

The DuPage Pump Station's High Lift Pump (HLP) and Motor rehabilitation program include inspecting, cleaning, and repairing one pump and motor assembly per year. HLP #9 and Motor #9 were removed and sent to Midwest Service Center for cleaning and performing electromechanical checks and provision of a status report including documentation of necessary repairs. The cleaning and repair services are in process, delivery, and reinstallation of the motor is tentatively scheduled for April, and reinstallation of the pump is anticipated in June.

Start-up of newly installed water quality monitoring equipment at various locations throughout the distribution system is tentatively scheduled for mid-March.

Performing annual preventive maintenance and inspections on Remotely Operated Valves.

Performing instrumentation calibrations at the DuPage Pumping Station.

Lexington Pump Station

Regarding R-11-23, Staff is seeking approval and ratification of Task Order No. ___ with AECOM Technical Services to perform a comprehensive Condition Assessment of the Lexington Pump Station's critical facilities. While the City of Chicago maintains operational control over Lexington Pump Station, the Commission, under an Enhanced Maintenance Agreement with the City as approved in 2007, is responsible for initially financing and managing capital improvements at the facility with reimbursement by the City for 50% of the costs through water credits. As the singular most critical piece of infrastructure required to deliver Lake Michigan water to Commission Customers, it is necessary for the Commission to insure the City's proper operation and maintenance of the facility.

Pipeline & Remote Facilities Maintenance and Construction Overview

Pipeline staff is performing annual valve exercising program.

Pipeline staff is inspecting and performing maintenance work on Cathodic Protection Test Stations.

Regarding R-10-23, Staff is seeking authorization for the General Manager to execute a two-year extension of Contract QR-12/21. Staff is satisfied with the work of all three contractors and would like to continue under the existing terms. All three contractors have agreed to the extension.

Over the past year, DWC Staff has performed a thorough review of transmission and distribution system isolation valve locations and their impact on Commission Customers. Staff has determined the current placement of the isolation valves, in many cases, when operated to isolate a pipe node will effectively curtail delivery of water to two or more of a single customer's multiple connection points or in some cases multiple connection points to multiple customers. Staff is looking forward to engaging in a conversation with the Committee regarding system redundancy.

Engineering & Capital Improvement Program Overview

Raftelis, Inc. continues development of the Cost-of-Service Study in advance of contract negotiations with the City of Chicago regarding the Water Purchase and Sale Agreement. The City of Chicago had issued a partial response to the first round of questions generated by Raftelis. Staff has met with Raftelis and has issued a following series of questions and data requests. Staff anticipates delivering the draft report at the April Commission meeting.

Carollo Engineers continues to investigate and report on various potential alternate sources of Lake Water for the Commission. The draft report had been tendered and is under review by Staff. The draft report will be shared with the Board at the April Commission meeting.

Burns & McDonnell Engineering Co. completed work on Task Order No. 01 to review and validate the DuPage Water Commission's Meter Testing Program and to support Commission Customer's annual LMO-2 IDNR water audit submittals. The final report has been delivered and will be shared with all concerned parties.

The Pumping Station Drainage Improvement project is ongoing. The contractor, Benchmark Co., is excavating around a 72-inch diameter water main. Significant corrosion was found on the exterior pipe wall and at present time is being repaired by the contractor. Staff intends on follow-up corrosion studies and remediation at the remainder of on-site supply and discharge piping.

Regarding R-8-23, Change Order No. 01 appears on the agenda seeking ratification of changes in work scope already performed and other changes in work scope for necessary work which were unintentionally omitted from the bidding documents for the DPPS Emergency Generation System Modifications (Contract PSD-10/22) project. The building concrete slab is complete and steel erection is currently underway.

Caterpillar/Altorfer Power Systems and Staff and the Engineers continue working through the submittal documents for the Generator Controls Update Project.

Regarding R-9-23, Change Order No. 01 appears on the agenda seeking authorization to potentially provide heat and dehumidification to provide optimal conditions for the application of the industrial coatings called out in Contract PSD-11/22, Influent, Effluent, and 72" Meter Buildings Coatings Rehabilitation Contract with G.P. Maintenance Services, Inc. The work includes abrasive blasting and apply insulated coatings to the pipelines as well as rehabilitation of steel support structures.

Schneider Electric, the Building Automation System (BAS) upgrade Contractor continues work with the installation of the upgraded HVAC network controllers and programming. This project consists of updating HVAC and Lighting Controls in the Pump Station and Generator Facilities.

SCADA & Information Technology Overview

The SCADA Replacement Project (Contract PSD-9/21) is ongoing. The Control Room remodel is under way, demolition has been completed, HVAC and electrical rough-ins are underway, and the drywall installation is tentatively scheduled to begin in mid-March. The development of the new SCADA system continues with alarming, graphic, and programming workshops and demonstrations. There has been constant effort from Commission staff in providing their input and knowledge in the development of this system. The project is on schedule.

March 2023 Commission Agenda Items:

Resolution No. R-8-23: A Resolution Approving and Ratifying Certain Change Orders for a Contract for the Construction of DPPS Emergency Generation System Modifications (Contract PSD-10/22) **(Change Order No. 01 – Increase of Contract Price by \$61,500.46 and a Time Extension of 31 Calendar Days)**

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Resolution No. R-11-23: A Resolution Approving and ratifying Certain Task Orders Under a Master Contract with AECOM Technical Services for the Condition Assessment of the Lexington Pumping Station **(Estimated Cost of \$91,369.00)**

Attachments

1. DuPage Laboratory Bench Sheets for February 2023
2. Water Sales Analysis 01-May-2018 to 28-February-2023
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

DUPAGE WATER COMMISSION
PWS FACILITY ID# - IL435400
MONTHLY OPERATIONS REPORT
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET RESULTS
FEBRUARY 2023

| DATE | LEXINGTON P.S. SUPPLY | | | DUPAGE P.S. DISCHARGE | | | | | | | ANALYST INT. |
|------|-----------------------|-----------------|--------------|-----------------------|-----------------|-----------|-----|-----------------|--------------|-----------------|--------------|
| | FREE Cl2 (mg/L) | TURBIDITY (ntu) | O-PO4 (mg/L) | FREE Cl2 (mg/L) | TURBIDITY (ntu) | TEMP (°F) | pH | Fluoride (mg/L) | O-PO4 (mg/L) | P.A.C. (LBS/MG) | |
| 1 | 1.36 | 0.10 | 0.61 | 1.38 | 0.10 | 45 | 7.4 | 0.9 | 0.59 | 0 | AM |
| 2 | 1.33 | 0.10 | 0.58 | 1.41 | 0.11 | 44 | 7.4 | 0.8 | 0.57 | 0 | AM |
| 3 | 1.31 | 0.11 | 0.62 | 1.42 | 0.11 | 43 | 7.3 | 0.9 | 0.59 | 0 | AM |
| 4 | 1.35 | 0.10 | 0.55 | 1.37 | 0.09 | 44 | 7.3 | 0.9 | 0.57 | 0 | BM |
| 5 | 1.46 | 0.11 | 0.58 | 1.34 | 0.10 | 45 | 7.4 | 0.9 | 0.57 | 0 | BM |
| 6 | 1.38 | 0.11 | 0.55 | 1.40 | 0.11 | 44 | 7.3 | 0.9 | 0.53 | 0 | AM |
| 7 | 1.35 | 0.11 | 0.52 | 1.37 | 0.12 | 44 | 7.4 | 0.9 | 0.56 | 0 | AM |
| 8 | 1.32 | 0.11 | 0.61 | 1.27 | 0.11 | 45 | 7.4 | 0.8 | 0.57 | 0 | BM |
| 9 | 1.34 | 0.09 | 0.56 | 1.32 | 0.11 | 46 | 7.4 | 0.9 | 0.56 | 0 | BM |
| 10 | 1.39 | 0.10 | 0.59 | 1.33 | 0.10 | 46 | 7.4 | 0.9 | 0.58 | 0 | BM |
| 11 | 1.37 | 0.10 | 0.59 | 1.50 | 0.10 | 46 | 7.4 | 0.8 | 0.57 | 0 | KD |
| 12 | 1.31 | 0.09 | 0.66 | 1.26 | 0.10 | 48 | 7.3 | 0.9 | 0.68 | 0 | KD |
| 13 | 1.44 | 0.09 | 0.61 | 1.30 | 0.11 | 49 | 7.4 | 0.9 | 0.58 | 0 | BM |
| 14 | 1.34 | 0.09 | 0.56 | 1.30 | 0.11 | 48 | 7.4 | 0.9 | 0.61 | 0 | BM |
| 15 | 1.41 | 0.09 | 0.54 | 1.32 | 0.10 | 49 | 7.3 | 0.8 | 0.64 | 0 | KD |
| 16 | 1.48 | 0.09 | 0.66 | 1.43 | 0.10 | 53 | 7.2 | 0.8 | 0.63 | 0 | KD |
| 17 | 1.26 | 0.09 | 0.62 | 1.42 | 0.11 | 52 | 7.0 | 0.9 | 0.67 | 0 | KD |
| 18 | 1.45 | 0.09 | 0.52 | 1.40 | 0.10 | 50 | 7.2 | 0.9 | 0.51 | 0 | RC |
| 19 | 1.43 | 0.09 | 0.57 | 1.31 | 0.10 | 53 | 7.2 | 0.9 | 0.54 | 0 | RC |
| 20 | 1.41 | 0.09 | 0.59 | 1.38 | 0.09 | 53 | 7.2 | 0.9 | 0.57 | 0 | KD |
| 21 | 1.43 | 0.08 | 0.54 | 1.35 | 0.09 | 52 | 7.1 | 0.7 | 0.59 | 0 | KD |
| 22 | 1.43 | 0.08 | 0.55 | 1.32 | 0.10 | 52 | 7.2 | 0.8 | 0.59 | 0 | RC |
| 23 | 1.51 | 0.09 | 0.55 | 1.34 | 0.10 | 52 | 7.2 | 0.8 | 0.58 | 0 | RC |
| 24 | 1.26 | 0.08 | 0.52 | 1.25 | 0.09 | 52 | 7.2 | 0.7 | 0.57 | 0 | RC |
| 25 | 1.34 | 0.09 | 0.55 | 1.29 | 0.09 | 52 | 7.2 | 0.7 | 0.59 | 0 | KD |
| 26 | 1.25 | 0.10 | 0.52 | 1.15 | 0.11 | 53 | 7.2 | 0.6 | 0.53 | 0 | KD |
| 27 | 1.45 | 0.09 | 0.62 | 1.24 | 0.10 | 54 | 7.2 | 0.8 | 0.59 | 0 | RC |
| 28 | 1.40 | 0.08 | 0.58 | 1.28 | 0.10 | 54 | 7.2 | 0.7 | 0.57 | 0 | RC |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| AVG. | 1.38 | 0.09 | 0.58 | 1.34 | 0.10 | 49 | 7.3 | 0.8 | 0.58 | 0 | |
| MAX. | 1.51 | 0.11 | 0.66 | 1.50 | 0.12 | 54 | 7.4 | 0.9 | 0.68 | 0 | |
| MIN. | 1.25 | 0.08 | 0.52 | 1.15 | 0.09 | 43 | 7.0 | 0.6 | 0.51 | 0 | |

[Redacted] 3-6-23
Supervisor Date
Illinois ROINC # 186860234

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 28-Feb-23

PER DAY AVERAGE 78,118,842

| MONTH | SALES TO CUSTOMERS (GALLONS) | PURCHASES FROM CHICAGO (GALLONS) | GALLONS BILLED % | BILLINGS TO CUSTOMERS | BILLINGS FROM CHICAGO | DOCUMENTED COMMISSION WATER USE (2) | DOCUMENTED COMMISSION WATER USE % | TOTAL ACCOUNTED FOR % | DWC OPER. & MAINT. RATE (3) | CHGO RATE |
|------------|------------------------------|----------------------------------|------------------|-----------------------|-----------------------|-------------------------------------|-----------------------------------|-----------------------|-----------------------------|-----------|
| May-19 | 2,081,843,000 | 2,147,990,870 | 96.92% | \$10,346,759.71 | \$8,469,528.00 | 6,561,100 | 0.31% | 97.23% | \$4.97 | \$3.943 |
| Jun-19 | 2,176,802,000 | 2,246,817,638 | 96.88% | \$10,818,705.94 | \$8,931,100.11 | 434,900 | 0.02% | 96.90% | \$4.97 | \$3.975 |
| Jul-19 | 2,639,452,000 | 2,714,539,721 | 97.23% | \$13,118,076.44 | \$10,790,295.39 | 649,900 | 0.02% | 97.26% | \$4.97 | \$3.975 |
| Aug-19 | 2,649,696,000 | 2,735,242,272 | 96.87% | \$13,168,989.12 | \$10,872,588.03 | 638,420 | 0.02% | 96.90% | \$4.97 | \$3.975 |
| Sep-19 | 2,206,442,000 | 2,264,715,472 | 97.43% | \$10,966,016.74 | \$9,002,244.00 | 617,581 | 0.03% | 97.45% | \$4.97 | \$3.975 |
| Oct-19 | 2,016,445,000 | 2,084,749,872 | 96.72% | \$10,021,731.65 | \$8,286,880.74 | 1,204,331 | 0.06% | 96.78% | \$4.97 | \$3.975 |
| Nov-19 | 1,915,266,000 | 1,976,465,358 | 96.90% | \$9,518,872.02 | \$7,856,449.80 | 8,679,153 | 0.44% | 97.34% | \$4.97 | \$3.975 |
| Dec-19 | 1,990,807,000 | 2,061,549,253 | 96.57% | \$9,894,310.79 | \$8,194,658.28 | 4,646,824 | 0.23% | 96.79% | \$4.97 | \$3.975 |
| Jan-20 | 1,982,608,000 | 2,040,353,072 | 97.17% | \$9,853,561.76 | \$8,110,403.46 | 789,652 | 0.04% | 97.21% | \$4.97 | \$3.975 |
| Feb-20 | 1,871,298,000 | 1,913,980,302 | 97.77% | \$9,300,351.06 | \$7,608,055.65 | 978,927 | 0.05% | 97.82% | \$4.97 | \$3.975 |
| Mar-20 | 1,957,293,000 | 2,014,856,325 | 97.14% | \$9,727,746.21 | \$8,009,053.89 | 697,896 | 0.03% | 97.18% | \$4.97 | \$3.975 |
| Apr-20 | 1,863,825,000 | 1,911,777,366 | 97.49% | \$9,263,210.25 | \$7,599,315.03 | 271,200 | 0.01% | 97.51% | \$4.97 | \$3.975 |
| May-20 | 2,084,924,000 | 2,141,838,951 | 97.34% | \$10,362,072.28 | \$8,513,809.83 | 376,100 | 0.02% | 97.36% | \$4.97 | \$3.975 |
| Jun-20 | 2,522,634,000 | 2,596,146,493 | 97.17% | \$12,537,490.98 | \$10,571,508.52 | 731,078 | 0.03% | 97.20% | \$4.97 | \$4.072 |
| Jul-20 | 2,782,507,000 | 2,872,440,835 | 96.87% | \$13,829,059.79 | \$11,696,579.08 | 647,000 | 0.02% | 96.89% | \$4.97 | \$4.072 |
| Aug-20 | 3,078,522,000 | 3,180,137,701 | 96.80% | \$15,300,254.34 | \$12,949,520.72 | 3,694,350 | 0.12% | 96.92% | \$4.97 | \$4.072 |
| Sep-20 | 2,427,570,000 | 2,510,646,051 | 96.69% | \$12,065,022.90 | \$10,223,350.72 | 1,148,848 | 0.05% | 96.74% | \$4.97 | \$4.072 |
| Oct-20 | 2,143,671,000 | 2,203,255,879 | 97.30% | \$10,654,044.87 | \$8,971,657.94 | 748,000 | 0.03% | 97.33% | \$4.97 | \$4.072 |
| Nov-20 | 1,897,985,000 | 1,957,960,123 | 96.94% | \$9,432,985.45 | \$7,972,813.62 | 200,026 | 0.01% | 96.95% | \$4.97 | \$4.072 |
| Dec-20 | 1,955,711,000 | 2,027,160,874 | 96.48% | \$9,719,883.67 | \$8,254,599.08 | 348,955 | 0.02% | 96.49% | \$4.97 | \$4.072 |
| Jan-21 | 1,988,344,000 | 2,040,857,402 | 97.43% | \$9,882,069.68 | \$8,310,371.34 | 205,828 | 0.01% | 97.44% | \$4.97 | \$4.072 |
| Feb-21 | 1,915,366,000 | 1,971,858,620 | 97.14% | \$9,519,369.02 | \$8,029,408.30 | 290,224 | 0.01% | 97.15% | \$4.97 | \$4.072 |
| Mar-21 | 1,986,888,000 | 2,055,661,022 | 96.65% | \$9,874,833.36 | \$8,370,651.68 | 512,237 | 0.02% | 96.68% | \$4.97 | \$4.072 |
| Apr-21 | 1,959,759,000 | 2,010,756,459 | 97.46% | \$9,740,002.23 | \$8,187,800.30 | 1,013,926 | 0.05% | 97.51% | \$4.97 | \$4.072 |
| May-21 | 2,331,364,000 | 2,401,447,849 | 97.08% | \$11,586,879.08 | \$9,778,695.64 | 1,625,835 | 0.07% | 97.15% | \$4.97 | \$4.072 |
| Jun-21 | 2,646,312,000 | 2,727,518,236 | 97.02% | \$13,152,170.64 | \$11,226,465.06 | 872,815 | 0.03% | 97.05% | \$4.97 | \$4.116 |
| Jul-21 | 2,661,520,000 | 2,750,318,994 | 96.77% | \$13,227,754.40 | \$11,320,312.98 | 772,815 | 0.03% | 96.80% | \$4.97 | \$4.116 |
| Aug-21 | 2,736,795,000 | 2,818,422,046 | 97.10% | \$13,601,871.15 | \$11,600,625.14 | 458,555 | 0.02% | 97.12% | \$4.97 | \$4.116 |
| Sep-21 | 2,616,212,000 | 2,698,022,374 | 96.97% | \$13,002,573.64 | \$11,105,060.09 | 1,237,080 | 0.05% | 97.01% | \$4.97 | \$4.116 |
| Oct-21 | 2,128,141,000 | 2,179,013,387 | 97.67% | \$10,576,860.77 | \$8,968,819.10 | 396,147 | 0.02% | 97.68% | \$4.97 | \$4.116 |
| Nov-21 | 1,896,311,000 | 1,961,815,221 | 96.66% | \$9,424,665.67 | \$8,074,831.45 | 462,613 | 0.02% | 96.68% | \$4.97 | \$4.116 |
| Dec-21 | 1,950,793,000 | 2,010,917,641 | 97.01% | \$9,695,441.21 | \$8,276,937.01 | 382,031 | 0.02% | 97.03% | \$4.97 | \$4.116 |
| Jan-22 | 2,046,043,000 | 2,110,214,643 | 96.96% | \$10,168,833.71 | \$8,685,674.26 | 621,078 | 0.03% | 96.99% | \$4.97 | \$4.116 |
| Feb-22 | 1,879,376,000 | 1,935,513,559 | 97.10% | \$9,340,498.72 | \$7,966,573.81 | 247,750 | 0.01% | 97.11% | \$4.97 | \$4.116 |
| Mar-22 | 1,990,472,000 | 2,061,912,643 | 96.54% | \$9,892,645.84 | \$8,486,832.44 | 459,838 | 0.02% | 96.56% | \$4.97 | \$4.116 |
| Apr-22 | 1,935,992,000 | 1,981,414,298 | 97.71% | \$9,621,880.24 | \$8,155,501.25 | 285,652 | 0.01% | 97.72% | \$4.97 | \$4.116 |
| May-22 | 2,276,513,000 | 2,344,221,635 | 97.11% | \$11,792,337.34 | \$9,648,816.25 | 5,698,667 | 0.24% | 97.35% | \$5.18 | \$4.116 |
| Jun-22 | 2,682,480,000 | 2,772,533,130 | 96.75% | \$13,895,246.40 | \$11,982,888.19 | 690,925 | 0.02% | 96.78% | \$5.18 | \$4.322 |
| Jul-22 | 2,804,661,000 | 2,892,532,635 | 96.96% | \$14,528,143.98 | \$12,501,526.05 | 883,858 | 0.03% | 96.99% | \$5.18 | \$4.322 |
| Aug-22 | 2,688,224,000 | 2,772,533,130 | 96.96% | \$13,925,000.32 | \$11,982,888.19 | 906,806 | 0.03% | 96.99% | \$5.18 | \$4.322 |
| Sep-22 | 2,415,535,000 | 2,474,643,822 | 97.61% | \$12,512,471.30 | \$10,695,410.60 | 1,021,063 | 0.04% | 97.65% | \$5.18 | \$4.322 |
| Oct-22 | 2,153,410,000 | 2,220,050,683 | 97.00% | \$11,154,663.80 | \$9,595,059.05 | 2,891,786 | 0.13% | 97.13% | \$5.18 | \$4.322 |
| Nov-22 | 1,919,552,000 | 1,979,550,491 | 96.97% | \$9,943,279.36 | \$8,555,617.22 | 1,008,092 | 0.05% | 97.02% | \$5.18 | \$4.322 |
| Dec-22 | 2,071,113,000 | 2,123,449,660 | 97.54% | \$10,728,365.34 | \$9,177,549.43 | 552,389 | 0.03% | 97.56% | \$5.18 | \$4.322 |
| Jan-23 | 2,014,750,000 | 2,060,255,805 | 97.79% | \$10,436,405.00 | \$8,904,425.59 | 337,423 | 0.02% | 97.81% | \$5.18 | \$4.322 |
| Feb-23 | 1,835,597,000 | 1,883,158,917 | 97.47% | \$9,508,392.46 | \$8,139,012.84 | 529,206 | 0.03% | 97.50% | \$5.18 | \$4.322 |
| TOTALS (1) | 879,696,276,798 | 905,125,166,552 | 97.19% | \$2,122,011,834.49 | \$1,877,985,111.36 | 860,915,854 | 0.10% | 97.29% | \$2.41 | \$2.075 |

(1) - SINCE MAY 1, 1992

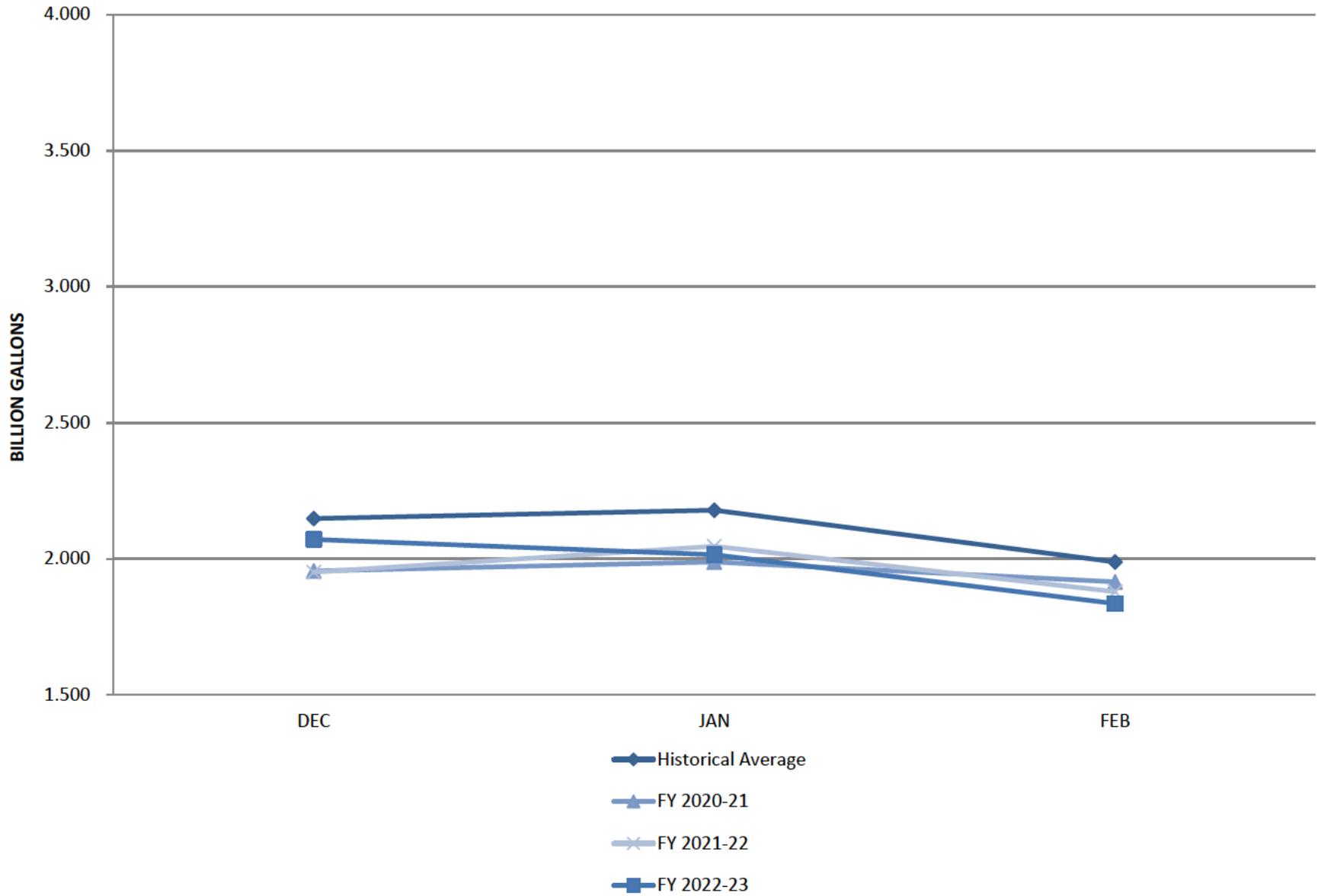
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

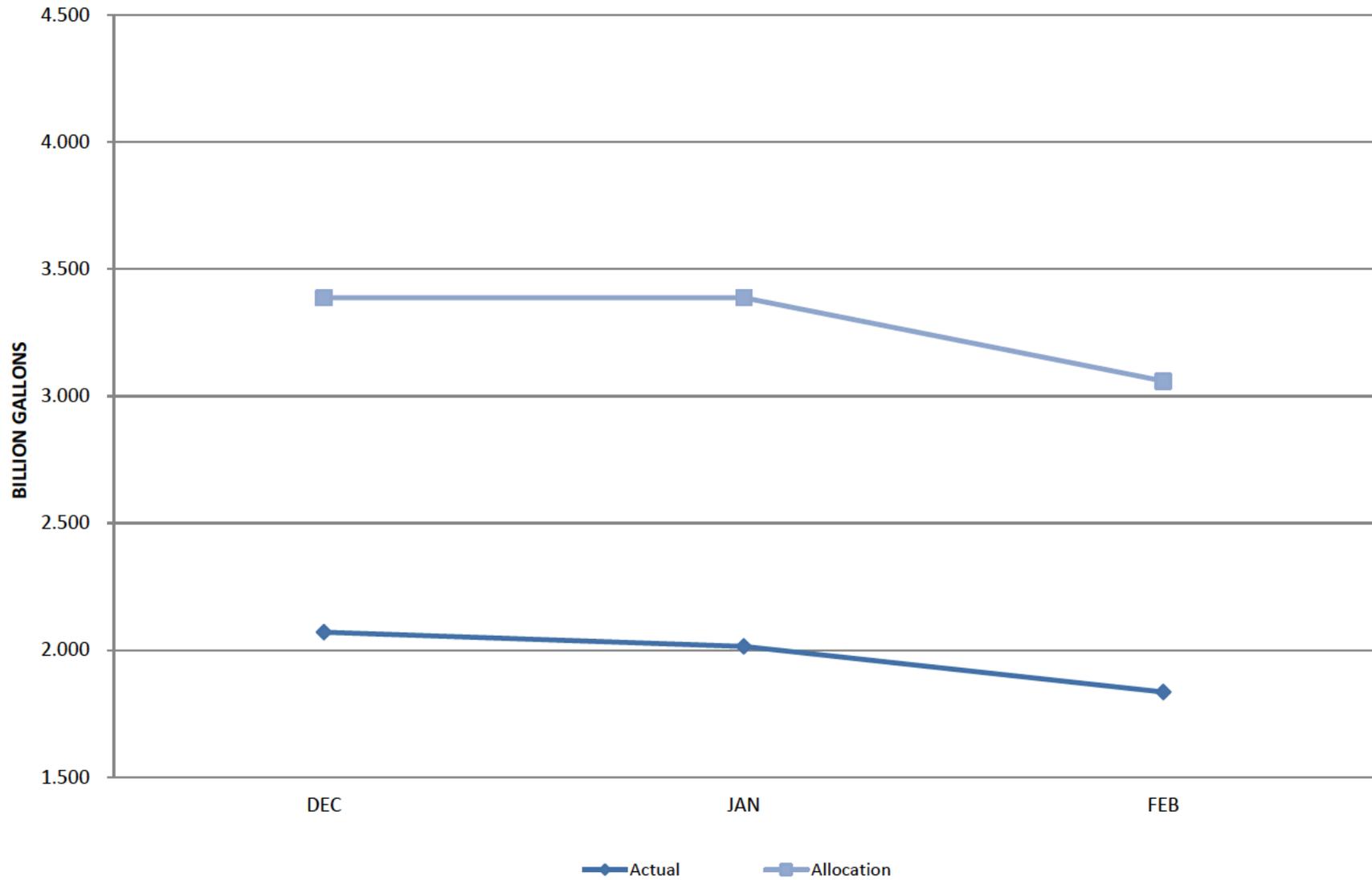
YTD

| | | | | | | | | | |
|---------|----------------|----------------|--------|-------------|-------------|--|--|--------|---------|
| Feb-22 | 22,892,867,000 | 23,593,203,950 | 97.03% | 113,777,549 | 97,003,995 | | | \$4.97 | \$4.112 |
| Feb-23 | 22,861,835,000 | 23,522,929,908 | 97.19% | 118,424,305 | 101,183,193 | | | \$5.18 | \$4.301 |
| | (31,032,000) | (70,274,042) | | \$4,646,756 | \$4,179,199 | | | | |
| | -0.1% | -0.3% | | 4.1% | 4.3% | | | | |
| Month | | | | | | | | | |
| Feb-22 | 1,879,376,000 | 1,935,513,559 | 97.10% | 9,340,499 | 7,966,574 | | | \$4.97 | \$4.116 |
| Feb-23 | 1,835,597,000 | 1,883,158,917 | 97.47% | 9,508,392 | 8,139,013 | | | \$5.18 | \$4.322 |
| | (43,779,000) | (52,354,642) | | \$167,894 | \$172,439 | | | | |
| | -2.3% | -2.7% | | 1.8% | 2.2% | | | | |
| Feb>Jan | (179,153,000) | (177,096,888) | | (928,013) | (765,413) | | | | |

DU PAGE WATER COMMISSION SALES FY 2022-23, 2021-22 & 2020-21 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2022-23 VS. ALLOCATION





Resolution #: R-8-23

Account: 01-60-722300-\$61,500.46

Approvals: *Author / Manager / Finance / Admin*

JH RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/9/2023

Description: A Resolution Approving and Ratifying Certain Change Orders for a Contract for the Construction of DPPS Emergency Generation System Modifications (Contract PSD-10/22)

Agenda Section: Engineering & Construction

Originating Department: Engineering

Resolution No. R-8-23 would approve the following Change Orders:

Change Order No. 1 to Contract for the Construction of DPPS Emergency Generation System Modifications (Contract PSD-10/22)

Change Order No. 1 would authorize, at a net increase in the Contract Price of \$61,500.46, the following changes to the Contract: 1) Furnish additional breakers and trip plug unintentionally omitted from the bidding documents (\$1,718.76); 2) Furnish cold-water lines and backflow prevention devices to HVAC equipment unintentionally omitted from the bidding documents (\$7,607.25); 3) Furnish grounding and lightning protection system unintentionally omitted from the bidding documents (\$28,671.80); 4) Furnish backfill; 3" stone and controlled low strength material (CLSM) backfill to compensate for unexpected contaminated soil excavation required for EPA compliance, including a time extension (\$11,043.28 and 17 Days); 5) Performing site surveying, reinforcing steel modifications, and additional excavation to adjust the location of foundation footings and pier locations due to an unforeseen conflict with an existing duct bank, including a time extension (\$4,725.39, and 6 Days); and, 6) Perform adjustments to the south footing, foundation and concrete slab to compensate for a discrepancy in as-built drawing measurements in the previously constructed building, including a time extension (\$7,733.98, and 8 days).

With regards to Item 1, certain electrical panels were mislabeled on the contract bid set. To adjust and connect equipment to the proper panels, additional breakers and a trip plug were required. This work has not been performed.

With regards to Item 2, The contract bid set omitted cold-water lines and required backflow prevention devices to service new HVAC equipment. This work has not been performed.

With regards to Item 3, the contract bid set omitted a grounding and lighting protection system around the building addition. This work has not been performed.

With regards to Item 4, trace amounts of residual diesel fuel were found within the project site during excavation. DWC engaged SET Environmental to extend their services to remediate the contaminated soil on the site. SET needed to over-excavate the area to remove all contaminated soil which required additional backfill to facilitate the intended construction. DWC's geotechnical firm advised the Commission's Engineer on the means and methods to achieve the proper soil bearing capacity for the building addition. This work has been performed.

With regards to Item 5, also during excavating for building footings, two existing electrical duct bank locations were found to be in conflict with the south building line footing design. The Contractor performed additional surveying and layout in order for the Commission's Engineer to redesign the footing system. The Engineer's solution required the Contractor to provide labor and materials for an additional pier. This work has been performed.

With regards to Item 6, The contract bid set building dimensioning had a discrepancy carried over from the previous generator building project which required the Contractor to realign the south foundation wall to compensate for this discrepancy. This work has been performed.

Approval of this Change Order would increase the net Contract Price by \$61,500.46 revising the Contract Price to \$4,210,500.49 for a 1.48% net increase in Contract Price. Approval of this Change Order would also extend the contract deadline by 31 days. Approval of this Change Order does not authorize or necessitate a decrease in the Contract Price that is 50% or more of the original Contract Price nor, based upon the Contractor's sworn certification, authorize or necessitate an increase in the price of any subcontract under the Contract that is 50% or more of the original subcontract price.

Recommended Motion:

To approve Resolution R-8-23.

DuPAGE WATER COMMISSION

RESOLUTION NO. R-8-23

**A RESOLUTION APPROVING AND RATIFYING CERTAIN CHANGE ORDERS FOR A CONTRACT FOR THE
CONSTRUCTION OF THE DPPS EMERGENCY GENERATION SYSTEM MODIFICATIONS
(CONTRACT PSD-10/22)**

BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The Change Orders set forth on Exhibit 1, attached hereto and by this reference incorporated herein and made a part hereof, shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of Staff, the Engineers and the Contractors, that the circumstances said to necessitate the changes were not reasonably foreseeable at the time the contracts were signed, the Change Orders are germane to the original contracts as signed and/or the Change Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION TWO: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

| | Aye | Nay | Absent | Abstain |
|----------------|-----|-----|--------|---------|
| Bouckaert, D. | | | | |
| Broda, J. | | | | |
| Fennell, J. | | | | |
| Gans, R. | | | | |
| Healy, J. | | | | |
| Novotny, D. | | | | |
| Pruyn, J. | | | | |
| Rush, K. | | | | |
| Russo, D. | | | | |
| Saverino, F. | | | | |
| Suess, P. | | | | |
| Van Vooren, D. | | | | |
| Zay, J. | | | | |

ADOPTED THIS ___ DAY OF _____, 2023.

James Zay, Chairman

ATTEST:

Danna Mundall, Clerk

Board/Resolutions/2023/R-8-2023

EXHIBIT 1

DuPAGE WATER COMMISSION
CHANGE ORDER

SHEET 1 OF 3

PROJECT NAME: PSD-10 DPPS Emergency Generation System Modifications

CHANGE ORDER NO. 01

LOCATION: DuPage County, Illinois

CONTRACT NO. PSD-10/22

CONTRACTOR: Joseph J. Henderson & Son, Inc.

DATE: 3/17/2023

I. A. DESCRIPTION OF CHANGES INVOLVED:

1. Furnish additional breakers and trip plug omitted from the bidding documents.
2. Furnish cold-water lines and RPZ devices to dehumidifier and evaporators omitted from the bidding documents.
3. Furnish grounding and lightning protection system for building addition omitted from the bidding documents.
4. Furnish backfill; 3" stone and controlled low strength material (CLSM) backfill to compensate for contaminated soil excavation over dig as required, including a time extension.
5. Perform site surveying, reinforcing steel modifications, and additional excavation to adjust the location of foundation footings and pier locations due to an unforeseen conflict with an existing duct bank, including a time extension.
6. Perform adjustments to the south footing, foundation and concrete slab to compensate for a discrepancy in as-built drawing measurements in the previously constructed building, including a time extension.

B. REASON FOR CHANGE:

1. Certain electrical panels were mislabeled on the contract bid set. To make adjustments and connect equipment to the proper panels, additional breakers and a trip plug were required.
2. The contract bid set omitted cold-water lines and RPZ valves to the humidifier and evaporators. A change was necessary furnish these items.
3. The contract bid set omitted a grounding and lighting protection system around the building addition. A change was necessary furnish these items.

4. Trace amounts of residual diesel fuel were found within the project site during excavation. DWC engaged SET Environmental to extend their services to remediate the contaminated soil on the site. However, SET needed to over-excavate the area to remove all contaminated soil which required additional backfill to facilitate the intended construction. DWC's geotechnical firm advised the Commission's Engineer on the means and methods to achieve the proper soil bearing capacity for the building addition. This work has been performed.
5. During excavating for building footings, two existing electrical duct bank locations were found to be in conflict with the south building line footing design. The Contractor performed additional surveying and layout in order for the Commission's Engineer to redesign the footing system. The Engineer's solution required the Contractor to provide labor and materials for an additional pier. This work has been performed.
6. The contract bid set building dimensioning had a discrepancy carried over from the previous generator building project which required the Contractor to realign the south foundation wall to compensate for this discrepancy. This work has been performed.

C. REVISION IN CONTRACT PRICE:

| <u>Item</u> | <u>Description</u> | <u>Extension</u> | <u>Time</u> <u>Extension</u> |
|----------------|------------------------------------|------------------|---------------------------------|
| 1 | Circuit Breaker Changes | \$1,718.76 | 0 Days |
| 2 | Plumbing Modifications | \$7,607.25 | 0 Days |
| 3 | Grounding and Lightning Protection | \$28,671.80 | 0 Days |
| 4 | Contaminated Soil Remediation | \$11,043.28 | 17 Days |
| 5 | Duct Bank and Footing Conflicts | \$4,725.39 | 6 Days |
| 6 | Building Dimension Discrepancy | \$7,733.98 | 8 Days |
| Total Increase | | \$61,500.46 | 31 Days |

II. CHANGE ORDER CONDITIONS:

1. The Contract Period established in the Contract, as signed or as modified by previous Change Orders, is hereby extended for 31 days, modifying the final Contract Completion Date to February 24, 2024.
2. Any Work to be performed under this Change Order shall be provided, performed, and completed in full compliance with, and as required by or pursuant to, the Contract, including any Specifications and Contract Drawings for the Work to be performed under this Change Order and for Work of the same type as the Work to be performed under this Change Order, and as specified in the preceding "Description of Changes Involved."

- 3. Unless otherwise provided herein, all Work included in this Change Order shall be guaranteed and warranted as set forth in, and Contractor shall not be relieved from strict compliance with, the guaranty and warranty provisions of the Contract.
- 4. All Work included in this Change Order shall be covered under the Bonds and the insurance coverages specified in the Contract. If the Contract Price, including this Change Order, exceeds the Contract Price set forth in the Contract, as signed, by twenty percent (20%), Contractor shall submit to Owner satisfactory evidence of such increased coverage under the Bonds if requested by Owner.

III. ADJUSTMENTS IN CONTRACT PRICE:

| | | |
|----|--|----------------|
| 1. | Original Contract Price | \$4,149,000.00 |
| 2. | Net (addition) (reduction) due to all previous Change Orders | \$0.00 |
| 3. | Contract Price, not including this Change Order | \$4,149,000.00 |
| 4. | <u>Addition</u> to Contract Price due to this Change Order | \$61,500.46 |
| 5. | Contract Price including this Change Order | \$4,210,500.46 |

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Greeley & Hansen LLC

By: _____ (_____)
Signature of Authorized Date
Representative

ACCEPTED: By my authorized signature below, being first duly sworn on oath, I certify on behalf of Contractor that this Change Order does not authorize or necessitate an increase in the price of any subcontract under the Contract that is 50% or more of the original subcontract price.

CONTRACTOR: Joseph J. Henderson & Son, Inc.

By: _____ (_____)
Signature of Authorized Date
Representative

DUPAGE WATER COMMISSION:

By: _____ (_____)
Signature of Authorized Date
Representative



Resolution #: R-9-23

Account: 01-60-722200 - \$23,800.00

Approvals: *Author / Manager / Finance / Admin*

JH RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/9/2023

Description: A Resolution Approving and Ratifying Change Orders for the Coatings Rehabilitation Contract (Contract PSD-11/22)

Agenda Section: Engineering & Construction

Originating Department: Engineering

Resolution No. R-9-23 would approve the following Change Orders:

Change Order No. 1 for the Coatings Rehabilitation Contract (Contract PSD-11/22)

Change Order No. 1 would authorize the Contractor, G.P. Maintenance Services Inc., to potentially provide, if conditions warrant and if directed by staff, heating and dehumidification for industrial coating application to the Work at a not to exceed increase in the Contract Price of \$20,380.00 and a Contract Time Extension of 23 calendar days.

The Work as a part of this contract is to apply insulative coatings to the pipelines in the 84" Influent, 84" Effluent and 72" Meter Buildings. As per the industrial coatings manufacturer recommendation, the coating system must be applied to a minimum surface temperature of 50 degrees, an ambient relative humidity below 85%, and a surface dew point that is 5 degrees or more lower than the ambient temperature. Depending on the surface and ambient conditions at the scheduled time of the applications, dehumidification and heating may be necessary. This purpose of this Change Order is to include dehumidification and heating for the application period if necessary and up to a Contract Time Extension by 23 calendar days to perform the work under the recommended conditions.

Approval of this Change Order would increase the net Contract Price by an amount not to exceed \$20,380.00, revising the Contract Price to an amount not to exceed \$460,380.00 for a 4.63% net increase in Contract Price.

Approval of this Change Order would also extend the Contract Completion Date by 23 days. Approval of this Change Order does not authorize or necessitate a decrease in the Contract Price that is 50% or more of the original Contract Price nor, based upon the Contractor's sworn certification, authorize, or necessitate an increase in the price of any subcontract under the Contract that is 50% or more of the original subcontract price.

Recommended Motion:

To approve Resolution R-9-23.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-9-23

**A RESOLUTION APPROVING AND RATIFYING CERTAIN CHANGE ORDERS FOR THE INFLUENT, EFFLUENT,
AND 72" METER BUILDINGS COATING REHABILITATION CONTRACT
(CONTRACT PSD-11/22)**

BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The Change Orders set forth on Exhibit 1, attached hereto and by this reference incorporated herein and made a part hereof, shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of Staff, Engineers and the Contractors, that the circumstances said to necessitate the changes were not reasonably foreseeable at the time the contracts were signed, the Change Orders are germane to the original contracts as signed and/or the Change Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION TWO: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

| | Aye | Nay | Absent | Abstain |
|----------------|-----|-----|--------|---------|
| Bouckaert, D. | | | | |
| Broda, J. | | | | |
| Fennell, J. | | | | |
| Gans, R. | | | | |
| Healy, J. | | | | |
| Novotny, D. | | | | |
| Pruyn, J. | | | | |
| Rush, K. | | | | |
| Russo, D. | | | | |
| Saverino, F. | | | | |
| Suess, P. | | | | |
| Van Vooren, D. | | | | |
| Zay, J. | | | | |

ADOPTED THIS _____ DAY OF _____, 2023.

James Zay, Chairman

ATTEST:

Danna Mundall, Clerk

Board/Resolutions/2023/R-9-2023

EXHIBIT 1

**DUPAGE WATER COMMISSION
CHANGE ORDER**

SHEET 1 OF 3

PROJECT NAME: Influent, Effluent, and 72" Meter Buildings Coatings Rehabilitation Contract
(Contract PSD-11/22)

CHANGE ORDER NO. 01

LOCATION: Cook County, Illinois

CONTRACT NO. PSD-11/22

CONTRACTOR: G.P. Maintenance Services, Inc.

DATE: 3/17/2023

I. A. DESCRIPTION OF CHANGES INVOLVED:

Provide heating and dehumidification for coating application as recommended by the coatings manufacturer at a cost not to exceed \$20,380.00 and a Contract Time Extension of 23 calendar days.

B. REASON FOR CHANGE:

The Contract did not anticipate the need of space heating and dehumidification.

II. CHANGE ORDER CONDITIONS:

1. The Contract Period established in the Contract, as signed or as modified by previous Change Orders, is hereby extended for 23 days, revising the final Contract Completion Date to May 31, 2023.
2. Any Work to be performed under this Change Order shall be provided, performed, and completed in full compliance with, and as required by or pursuant to, the Contract, including any Specifications and Contract Drawings for the Work to be performed under this Change Order and for Work of the same type as the Work to be performed under this Change Order, and as specified in the preceding "Description of Changes Involved."
3. Unless otherwise provided herein, all Work included in this Change Order shall be guaranteed and warranted as set forth in, and Contractor shall not be relieved from strict compliance with, the guaranty and warranty provisions of the Contract.
4. All Work included in this Change Order shall be covered under the Bonds and the insurance coverages specified in the Contract. If the Contract Price, including this Change Order, exceeds the Contract Price set forth in the Contract, as signed, by twenty percent (20%), Contractor shall submit to Owner satisfactory evidence of such increased coverage under the Bonds if requested by Owner.

III. ADJUSTMENTS IN CONTRACT PRICE:

| | | |
|----|--|--------------|
| 1. | Original Contract Price | \$440,000.00 |
| 2. | Net (addition) (reduction) due to all previous Change Orders | \$0.00 |
| 3. | Contract Price, not including this Change Order | \$440,000.00 |
| 4. | <u>Addition</u> to Contract Price due to this Change Order | \$23,800.00 |
| 5. | Contract Price including this Change Order | \$460,380.00 |

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Dixon Engineering

By: _____ ()
Signature of Authorized Representative Date

ACCEPTED: By my authorized signature below, being first duly sworn on oath, I certify on behalf of Contractor that this Change Order does not authorize or necessitate an increase in the price of any subcontract under the Contract that is 50% or more of the original subcontract price.

CONTRACTOR: GP Maintenance Services, Inc.

By: _____ ()
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: _____ ()
Signature of Authorized Representative Date



Resolution #: R-10-23

Account: 01-60-663100

Approvals: *Author / Manager / Finance / Admin*

D.P. RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/3/2023

Description: A Resolution Approving a 2-Year Extension of Contract QR-12/21 with John Neri Construction Co. Inc., Rossi Contractors, Inc., and Benchmark Construction Co. Inc.

Agenda Section: Engineering & Construction

Originating Department: Pipeline

The Commission entered into certain agreements dated June 30, 2021, with John Neri Construction Co. Inc., Rossi Contractors Inc., and Benchmark Construction Co. Inc. for Quick Response construction work, as needed, through the issuance of Work Authorization Orders (Contract QR-12/21). These agreements are scheduled to end on June 30, 2023.

Staff has been satisfied with the work of all three QR-12/21 contractors and believes that it would be in the Commission's best interest to exercise the option under the Quick Response Contract to extend the contract term for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025 with John Neri Construction Co. Inc., Rossi Contractors Inc., and Benchmark Construction Co. Inc.

There is no cost associated with this request and all other terms and conditions of Contract QR-12/21 shall remain unchanged during this time.

All three contractors have agreed to this proposal and their acceptance can be found in the signed agreements under Exhibit A to the Resolution.

Recommended Motion:

To adopt Resolution No. R-10-23

DuPAGE WATER COMMISSION

RESOLUTION NO. R-10-23

**A RESOLUTION EXTENDING THE TERM OF A QUICK RESPONSE CONTRACT
(QR-12/21)**

WHEREAS, the DuPage Water Commission (the “Commission”) entered into certain agreements dated June 30, 2021, with John Neri Construction Co., Benchmark Construction Co., Inc., and Rossi Contractors, Inc. for quick response construction work related to the Commission’s Waterworks System (said agreements being hereinafter collectively referred to as “Contract QR-12/21”), the Commission having reserved the right to award a contract to one or more bidders; and

WHEREAS, the initial term of the Contract expires on June 30, 2023; and

WHEREAS, the Commission has determined that it is in the best interest of the Commission to extend the Contracts with John Neri Construction, Benchmark Construction, and Rossi Contractors through June 30, 2025.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The extension of the Quick Response Contract (QR-12/21) through June 30, 2025 shall be and hereby is approved, such extension to be substantially in the form attached hereto and incorporated herein as Exhibit A, and the general Manager shall be and hereby is authorized to execute said extension.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

| | Aye | Nay | Absent | Abstain |
|----------------|-----|-----|--------|---------|
| Bouckaert, D. | | | | |
| Broda, J. | | | | |
| Fennell, J. | | | | |
| Gans, R. | | | | |
| Healy, J. | | | | |
| Novotny, D. | | | | |
| Pruyn, J. | | | | |
| Rush, K. | | | | |
| Russo, D. | | | | |
| Saverino, F. | | | | |
| Suess, P. | | | | |
| Van Vooren, D. | | | | |
| Zay, J. | | | | |

ADOPTED THIS _____ DAY OF _____, 2023.

James Zay, Chairman

ATTEST:

Danna Mundall, Clerk

EXHIBIT A



DU PAGE WATER COMMISSION

600 E. BUTTERFIELD ROAD • ELMHURST, IL • 60126-4642
(630) 834-0100 • FAX: (630) 834-0120

The DuPage Water Commission and Benchmark Construction Co. do hereby agree to extend the Contract term limit of Contract QR-12/21 for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025.

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR ACKNOWLEDGED:

By: _____
Signature of Authorized
Representative

DATE: 3-10-23



DU PAGE WATER COMMISSION

600 E. BUTTERFIELD ROAD • ELMHURST, IL • 60126-4642
(630) 834-0100 • FAX: (630) 834-0120

March 2, 2023

Mr. Mark Atkins, Jr.
Benchmark Construction Inc.
2260 Southwind Blvd.
Bartlett, IL 60103

Subject: Contract QR-12/21

Dear Mr. Atkins,

The DuPage Water Commission (the "Commission") entered into an agreement with Benchmark Construction Inc. on June 30, 2021, for quick response construction work related to the Commission's Waterworks System as needed through the issuance of Work Authorization Orders through June 30, 2023. (Contract QR-12/21)

The Commission has been satisfied with the work of Benchmark Construction Inc. and therefore wishes to extend the contract term limits for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025. It is understood that all other terms and conditions of Contract QR-12/21 shall remain unchanged during this time.

Should Benchmark Construction Inc. agree to this contract time extension as presented here, please sign, date, and return the attached document to the Commission.

Sincerely,

Dariusz Panaszek

cc: File



DU PAGE WATER COMMISSION

600 E. BUTTERFIELD ROAD • ELMHURST, IL • 60126-4642
(630) 834-0100 • FAX: (630) 834-0120

The DuPage Water Commission and John Neri Construction Co. Inc. do hereby agree to extend the Contract term limit of Contract QR-12/21 for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025.

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR ACKNOWLEDGED:

By: _____
Signature of Authorized
Representative

DATE: 03/03/2023



DU PAGE WATER COMMISSION

600 E. BUTTERFIELD ROAD • ELMHURST, IL • 60126-4642
(630) 834-0100 • FAX: (630) 834-0120

March 2, 2023

Mr. Nicholas Neri
John Neri Construction Co. Inc.
770 Factory Road
Addison, IL 60101

Subject: Contract QR-12/21

Dear Mr. Neri,

The DuPage Water Commission (the "Commission") entered into an agreement with John Neri Construction Co. Inc. on June 30, 2021, for quick response construction work related to the Commission's Waterworks System as needed through the issuance of Work Authorization Orders through June 30, 2023. (Contract QR-12/21)

The Commission has been satisfied with the work of John Neri Construction Co. Inc. and therefore wishes to extend the contract term limits for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025. It is understood that all other terms and conditions of Contract QR-12/21 shall remain unchanged during this time.

Should John Neri Construction Co. Inc. agree to this contract time extension as presented here, please sign, date, and return the attached document to the Commission.

Sincerely,

Dariusz Panaszek

cc: File



DU PAGE WATER COMMISSION

600 E. BUTTERFIELD ROAD • ELMHURST, IL • 60126-4642

(630) 834-0100 • FAX: (630) 834-0120

March 2, 2023

Mr. Robert Rossi
Rossi Contractors Inc.
201 W. Lake Street
Northlake, IL 60164

Subject: Contract QR-12/21

Dear Mr. Rossi,

The DuPage Water Commission (the "Commission") entered into an agreement with Rossi Contractors Inc. on June 30, 2021, for quick response construction work related to the Commission's Waterworks System as needed through the issuance of Work Authorization Orders through June 30, 2023. (Contract QR-12/21)

The Commission has been satisfied with the work of Rossi Contractors Inc. and therefore wishes to extend the contract term limits for a period of 2 years commencing on July 1, 2023, and ending on June 30, 2025. It is understood that all other terms and conditions of Contract QR-12/21 shall remain unchanged during this time.

Should Rossi Contractors Inc. agree to this contract time extension as presented here, please sign, date, and return the attached document to the Commission.

Sincerely,

Dariusz Panaszek

cc: File



Resolution #: R-11-23

Account: 01-60-771200-\$91,369.00

Approvals: *Author / Manager / Finance / Admin*

RCB RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/9/2023

Description: A Resolution Approving and ratifying Certain Task Orders Under a Master Contract with AECOM Technical Services for the Condition Assessment of the Lexington Pumping Station

Agenda Section: Engineering & Construction

Originating Department: Administration

Task Order No. 21 with AECOM Technical Services

While the City of Chicago maintains operational control over Lexington Pump Station (LXPS), the Commission under an Enhanced Maintenance Agreement with the City, as approved in 2007, is responsible for initially financing and managing capital improvements at the facility with reimbursement by the City for 50% of the costs through water credits. The Lexington Pump Station remains the most important asset in the DWC supply chain, and it is of paramount importance that DWC document the condition of these assets prior to any extension of the DWC/Chicago water purchase contract. The City also bills the Commission 50% of the routine maintenance and labor costs and approximately 80% of electric utility expenses.

In February, Commission staff sought Requests for Proposal for professional engineering consulting services for preparation of detailed and thorough condition assessment reports for the LXPS facilities, including the creation of a Long-Term Capital Improvement Plan covering the period through the year 2050.

The primary focus of the proposed LXPS Condition Assessment will include: High Lift and Low Lift Pumps and associated piping systems, Metering Systems, Valves and Instrumentation; Electrical Systems including High Lift and Low Lift Pump Motors; Switchgear, Variable Frequency Drives; Emergency Generators, Generator Paralleling Gear and Control System, Fuel Oil Systems and Underground Fuel Oil Storage and Delivery Systems; Site Security and Access Control Systems including Perimeter Fencing, Gates and Gate Operators.

The Commission has previously entered into Master Contracts with several firms for professional engineering services. Staff requested proposals from nine (9) firms to provide Professional Services for Condition Assessment of LXPS Facilities under the Commission Fiscal Year 2022/2023 and 2023/2024 Capital improvement Budgets. The solicited firms were AECOM Technical Services, Arcadis, Black and Veatch, Burns and McDonnell, CDM Smith, Carollo, Greeley and Hansen, Stanley, and Strand and Associates.

Five (5) proposals were received from the following firms: AECOM Technical Services, Burns and McDonnell, CDM Smith, Greeley and Hansen, and Stanley. Staff evaluated each firm on the following criteria: Project Team, Current Experience, and Project Methodology. Based upon these reviews, staff is recommending the proposal of AECOM Technical Services to be deemed as the most favorable to the interests of the Commission.

Under this Task Order AECOM Technical Services will develop a guidance manual that will be utilized in the completion of a baseline condition assessment and identifying any deficiencies as well as developing both a short- and long-term Capital Program at an Estimated Cost of \$91,369.00.

Recommended Motion:

To adopt Resolution No. R-11-23

DuPAGE WATER COMMISSION

RESOLUTION NO. R-11-23

**A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH AECOM TECHNICAL SERVICES**

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with AECOM Technical Services (the "Consultant") to provide, from time to time, professional engineering services in connection with various projects of the Commission (the "Master Contract"); and

WHEREAS, the Master Contract sets forth the terms and conditions pursuant to which the Commission will obtain from time to time, and the Consultant will provide from time to time, professional engineering services for such discrete projects as are delineated and described in Task Orders to be approved by the Commission and the Consultant; and

WHEREAS, the Consultant has approved the Task Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 (the "Task Orders").

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Task Orders attached hereto as Exhibit 1 shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of staff and the Consultant, that the circumstances said to necessitate the Task Orders were not reasonably foreseeable at the time the Master Contract was signed, the Task Orders are germane to the Master Contract as signed, and/or the Task Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION THREE: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

| | Aye | Nay | Absent | Abstain |
|----------------|-----|-----|--------|---------|
| Bouckaert, D. | | | | |
| Broda, J. | | | | |
| Fennell, J. | | | | |
| Gans, R. | | | | |
| Healy, J. | | | | |
| Novotny, D. | | | | |
| Pruyn, J. | | | | |
| Rush, K. | | | | |
| Russo, D. | | | | |
| Saverino, F. | | | | |
| Suess, P. | | | | |
| Van Vooren, D. | | | | |
| Zay, J. | | | | |

ADOPTED THIS _____ DAY OF _____, 2023.

James Zay, Chairman

ATTEST:

Danna Mundall, Clerk

EXHIBIT 1

TASK ORDER NO. 21

In accordance with Section 1.1 of the Master Contract for Professional Engineering Services, Owner and Consultant agree as follows:

1 . Project:

Condition Assessment for the Lexington Pump Station and Reservoir

2 . Services of Consultant:

Perform the Condition Assessment for the Lexington Pump Station and Reservoir as per AECOM Technical Services proposal dated March 3, 2023:

- A. Project Initiation and Kickoff Meeting – Organize and conduct a project kick-off meeting between the Commission staff and AECOM's task leaders.
- B. Develop Condition Assessment Procedures – Develop Condition Assessment procedures for consistent use by the Project Team.
- C. Perform Site Tours and Detailed Assessments – Develop an efficient schedule for the discipline teams to visit the various LXPS facilities and conduct the evaluations.
- D. Provide a 70% Condition Assessment Report – Including summary tables with problem class ranking and functional categories; correlate findings; prepare draft CIP project lists; prepare documentation; perform internal QA/QC; submit report and document resolution of Commission comments.
- E. Final Condition Assessment Report – Incorporate all comments; finalize cost opinions; identify constructability issues; identify future needs; arrange a workshop to discuss the final report; submit final report.

Notwithstanding anything hereunder or in the Agreement, AECOM shall provide its services in a manner consistent with a standard provided by similar professionals, in a similar location, at a similar time. It is also understood that AECOM shall not be responsible for any means, methods, techniques, sequences, and safety related to construction.

3. **Approvals and Authorizations:** Consultant shall obtain the following approvals and
4. Authorizations: Complete necessary background checks for AECOM personnel visiting City of Chicago facilities.
5. **Commencement Date:**
March 17, 2023
6. **Completion Date:**
June 15, 2023
7. **Submittal Schedule:**
None.

8. Key Project Personnel:

Michael H. Winegard, P.E.
 Cristina Winegar, P.E.
 Hsing Chu, P.E.
 Tarek Refai, PhD, P.E.
 Tom Strazanac, EIT
 Brian Foss, P.E.
 Don Sieracki
 Jonas Packer
 Algirdas Bielskus

8. Contract Price:

For providing, performing, and completing all Services, an amount equal to Consultant's Direct Labor Costs for all Services rendered by principals and employees engaged directly on the Project, plus an amount equal to the actual costs of all Reimbursable Expenses.

| Estimated Fees | |
|---|---------------|
| Work Item | Estimated Fee |
| Item 1 – Project Set-up, Information Review and Guidance Manual | \$11,506.00 |
| Item 2 – Meetings and Workshops | \$13,536.00 |
| Item 3 – Lexington Ave. Pump Station | \$24,635.00 |
| Item 4 – Reports and Cost Estimates | \$41,962.00 |
| Total | \$91,369.00 |

Notwithstanding the foregoing, the total Contract Price shall be \$91,369.00. The contact price maybe adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. Payments:

Direct Labor Costs shall mean the billing rate of all Consultants personnel including all professionals whether owners or employees, engaged directly on the Project.

Reimbursable Expenses shall mean the actual expenses incurred by Consultant directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

10. Modifications to Contract: None**11. Attachments: None**

Approval and Acceptance: Acceptance and approval of this Task Order, including the attachments listed above, shall incorporate this Task Order as part of the Contract.

The Effective Date of this Task Order is March 17, 2023.

DuPAGE WATER COMMISSION

By: _____

Paul D. May, P.E.

General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: R. Christopher Bostick

Title: Manager of Water Operations

Address: 600 East Butterfield Road, Elmhurst, Illinois 60126-4642

E-mail Address: bostick@dpwc.org

Phone: 630-834-0100

AECOM TECHNICAL SERVICES, INC.

By: _____

Michael H. Winegard, P.E.

Vice President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Michael H. Winegard

Title: Vice President

Address: 303 East Wacker Dr., Suite 1400, Chicago IL 60601

E-mail Address: mike.winegard@aecom.com

Phone: (312) 373-6631