



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
(630)834-0100 Fax: (630)834-0120

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, SEPTEMBER 15, 2022
6:00 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

COMMITTEE MEMBERS

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

- I. Roll Call
- II. Approval of Committee Meeting Minutes

RECOMMENDED MOTION: To approve the Minutes of the August 18, 2022, Regular Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-53-22:** A Resolution Approving a 12-Month Contract Time Extension for Heavy Machinery and Equipment Rigging, Transportation and Installation Service (**Mecon Industries, Inc. – No Cost This Action**)
- V. **R-54-22:** A Resolution Approving and Ratifying Certain Change Orders for a Contract for the SCADA Replacement Project (Contract PSD-9/21) (**Baxter & Woodman / Boller Construction LLC – Increases Contract Price by \$30,133.00 to the amount of \$16,473,133.00**)
- VI. **R-55-22:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC (**Task Order No. 05 – Not-To-Exceed \$10,000.00 per assignment, Task Order No. 06 – Not-To-Exceed \$14,000.00, Task Order No. 07 – Not-To-Exceed \$14,500.00**)
- VII. Old Business
- VIII. Other
- IX. Adjournment

**MINUTES OF THE MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, AUGUST 18, 2022
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

Chairman Pro-Tem Saverino called the meeting to order at 6:00 P.M.

Committee members in attendance: D. Bouckaert, D. Novotny, F. Saverino, and J. Zay (arrival at 6:07 P.M.)

Committee members absent: J. Fennell

Also in attendance: C. Bostick, D. Cuvalo, J. Haney, P. May (arrival at 6:07 P.M.), D. Panaszek and M. Weed.

Commissioner Bouckaert moved to approve the Minutes of the June 16, 2022, Engineering & Construction Committee Meeting of the DuPage Water Commission.
Motion seconded by Commissioner Novotny.

Ayes: D. Bouckaert, D. Novotny, and F. Saverino

Nays: None

Absent: J. Fennell and J. Zay

Regarding R-49-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of Task Order No. 04 with Northern Inspection Services, LLC. and would authorize the consultant to perform quarterly inspections on the Reverse Current Switches and components of the cathodic protection system on the East Transmission Mains.

Regarding R-45-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of Work Authorization Order No. 011 under the Quick Response Contract QR-12/21, to Benchmark Construction Co., Inc. for an estimated amount of \$80,000.00. Facilities Construction Supervisor Bostick explained that this work is necessary to repair manhole frames and cathodic protection handhole structures that were found to be damaged. The extent of this work will include adjusting manhole frames and lids, including pavement repairs and restoration work at up to 15 separate locations.

Regarding R-46-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of Work Authorization Order No. 012 under the Quick Response Contract QR-12/21, to Neri Construction Co., Inc. for an estimated amount of \$110,000.00 for the work necessary to repair 7 manhole structures that were found to be damaged.

Facilities Construction Supervisor Bostick advised the Committee that the DPSS Emergency Generation System Modifications (Contract PSD-10/22) project is underway with the initial round of shop drawing submittals. Joseph J. Henderson and Sons, Inc. is the Contractor and completion is expected by January 2024.

Facilities Construction Supervisor Bostick advised the Committee that the Emergency Generator System Controls upgrade project with Caterpillar/Altorfer Power and the Building Automation System upgrade project with Schneider Electric are ongoing having received and reviewed the first round of Shop Drawings.

Regarding R-48-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval to award the Materials Testing Services Contract (Contract MT-12/22) to Construction & Geotechnical Material Testing, Inc. for construction services for a two-year term with the option to extend for up to two more one-year terms.

Regarding R-50-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of Task Order No. 02 with Dixon Engineering to prepare technical specifications and bidding documents and perform construction phase services for necessary pipe coating rehabilitation projects identified in the 2014/2015 Condition Assessment.

Regarding R-51-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of Work Authorization Order No. 013 to Rossi Contractors, Inc. for the installation of cathodic protection handhole test stations, coupon testing assemblies, and high potential magnesium anodes along an East Transmission Main to help mitigate stray DC current along the pipeline.

Facilities Construction Supervisor Bostick advised the Committee that the SCADA Replacement Project (Contract PSD-9/22) is ongoing, and Commission Staff is working with the contractor, Concentric Integration, on finalizing the project schedule, attending Graphics and Programming workshops and preparing a temporary control room space for use while the dedicated Control Room spaces are being remodeled.

Regarding R-52-22, Facilities Construction Supervisor Bostick advised the Committee that this item requests approval of a Master Services Agreement with A.C. Engineering for professional services related to the Medium Voltage Electrical protective relaying systems installed in the DuPage Pump Station and also includes Task Order No. 01 for Indeterminate Services not to exceed \$10,000 per assignment.

Commissioner Saverino moved to recommend approval of items 2 through 8 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Bouckaert and unanimously approved by a roll call vote.

Ayes: D. Bouckaert, D. Novotny, F. Saverino, and J. Zay

Nays: None

Absent: J. Fennell

Under Old Business, General Manager May provided the Committee with an update on professional services related to negotiating a new water purchase contract with the City of Chicago including: the detailed review of the City's cost-of-service water rate model by Raffelis, Inc., and the performance of alternative water sources studies by Carollo in an effort to determine if the Chicago cost of service model is the best economic solution going forward or if other means of providing Lake Michigan water to Commission customers is feasible. General Manager May also informed the Committee that General

Engineering Committee Minutes 08/18/2022

Counsel Luetkehans and Staff are narrowing the search for Special Counsel to assist in such matters.

With no other items coming before the Committee, Commissioner Novotny moved to adjourn the meeting at 6:15 P.M. Seconded by Commissioner Boukaert and unanimously approved by a roll call vote.

Ayes: D. Bouckaert, D. Novotny, and F. Saverino

Nays: None

Absent: J. Fennell

SP2013/MINUTES/ENGINEERING/2022/ENG220818.doc



DuPage Water Commission

MEMORANDUM

TO: Paul May
General Manager

FROM: Mike Weed
Operations Supervisor

Dariusz Panaszek Pipeline Supervisor
Chris Bostick Facilities Construction Supervisor
Jessica Haney Construction / Corrosion Protection
Alan Stark Instrumentation / Remote Facilities
Denis Cuvalo SCADA / Information Technology

DATE: September 7, 2022

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of August were a total of 2.60 billion gallons. This represents an average day demand of 83.7 million gallons per day (MGD), which is lower than the August 2021 average day demand of 88.7 MGD. The maximum day demand was 91.4 MGD recorded on August 17, 2022, which is lower than the August 2021 maximum day demand of 98.9 MGD. The minimum day flow was 75.5 MGD.

The Commission's recorded total precipitation for the month of August 2022 was 1.85 inches compared to 4.51 inches for August 2021. The level of Lake Michigan for August 2022 is 580.02 (Feet IGLD 1985) compared to 580.77 (Feet IGLD 1985) for August of 2021.

Operations Maintenance

Resolution R-53-22 appears on the agenda requesting approval of a 12-month contract time extension for Heavy Machinery and Equipment Rigging, Transportation, and Installation Service to Mecon Industries Inc.

Studies and Reports

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.

Carollo Engineers continues to investigate and report on various potential alternate sources of Lake Water for the Commission.

Instrumentation / Remote Facilities Overview

Instrumentation / Remote Facilities staff continues with routine inspections, preventative maintenance and corrective work, calibrations, and continuing with the meter test program.

Pipeline Maintenance and Construction Overview

Pipeline staff is performing annual air release exercising program and corrective work as needed.

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

R-55-22 appears on the agenda requesting approval of Task Orders 5, 6, and 7 with Northern Inspection Services, LLC (NIS). During the annual CIS survey, NIS identified several areas of the South and Outerbelt Transmission mains that failed to meet the cathodic protection criteria defined by the Association for Materials Protection and Performance (AMPP formerly NACE). Task Orders 5, 6, and 7 will allow NIS to perform further testing to mitigate cathodic protection deficits in these areas.

Capital Improvement Program

The DPPS Emergency Generation System Modifications (Contract PSD-10/22) project mobilization is underway with the initial round of shop drawing submittals. Joseph J. Henderson and Sons, Inc. is the Contractor and completion is expected by January 2024.

Caterpillar/Altorfer Power Systems have delivered their 2nd shop drawing submittal for the Generator Controls Upgrade project. Staff and the Engineer have reviewed and commented on the submittal documents.

Schneider Electric, the Building Automation System (BAS) upgrades contractor has delivered their 2nd shop drawing submittal. This work consists of updating HVAC and Lighting Controls of which certain portions of the system date back to 1999. Schneider has indicated that the construction will tentatively commence in November 2022.

Information Technology

The SCADA Replacement Project (Contract PSD-9/22) is ongoing. R-54-22 appears on the agenda as Change Order No. 1 for necessary improvements at an additional cost of \$30,133.00, increasing the Contract Value by 0.18% to \$16,473,133.00. In addition, new system graphics, programming, and network designs are ongoing with workshops that

include Commission staff. The Operations and IT Departments are working together to prepare the temporary control room space to be used while the dedicated Control Room spaces are to be remodeled.

September 2022 Commission Agenda Items:

- R-53-22:** A Resolution Approving a 12-Month Contract Time Extension for Heavy Machinery and Equipment Rigging, Transportation and Installation Service **(Meccon Industries, Inc. – No Cost This Action)**
- R-54-22:** A Resolution Approving and Ratifying Certain Change Orders for a Contract for the SCADA Replacement Project (Contract PSD-9/21) **(Baxter & Woodman / Boller Construction LLC – Increases Contract Price by \$30,133.00 to the amount of \$16,473,133.00)**
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Attachments

1. DuPage Laboratory Bench Sheets for August 2022
2. Water Sales Analysis 01-May-2018 to 31-August 2022
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2022/220907.docx>

DUPAGE WATER COMMISSION
 PWS FACILITY ID# - IL435400
 MONTHLY OPERATIONS REPORT
 DUPAGE WATER COMMISSION LABORATORY BENCH SHEET RESULTS
 AUGUST 2022

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	1.40	0.09	0.60		1.30	0.10	60	7.7	0.9	0.58	0	AM
2	1.41	0.10	0.59		1.36	0.11	60	7.6	0.8	0.60	0	AM
3	1.35	0.09	0.60		1.33	0.09	59	7.7	0.8	0.57	0	AM
4	1.36	0.10	0.60		1.38	0.10	59	7.7	0.9	0.62	0	AM
5	1.49	0.07	0.55		1.39	0.09	58	7.6	0.8	0.56	0	RC
6	1.45	0.08	0.55		1.40	0.09	59	7.6	0.9	0.56	0	BM
7	1.45	0.08	0.57		1.30	0.09	60	7.7	0.9	0.61	0	BM
8	1.41	0.09	0.55		1.32	0.10	60	7.7	0.9	0.59	0	BM
9	1.33	0.08	0.60		1.36	0.08	58	7.5	0.9	0.53	0	RC
10	1.42	0.09	0.54		1.38	0.08	57	7.7	0.8	0.56	0	BM
11	1.21	0.09	0.57		1.31	0.09	59	7.6	0.9	0.58	0	BM
12	1.42	0.10	0.59		1.24	0.11	62	7.7	0.9	0.60	0	BM
13	1.35	0.10	0.57		1.30	0.11	64	7.6	0.9	0.60	0	BM
14	1.38	0.09	0.60		1.27	0.11	67	7.5	0.8	0.60	0	RC
15	1.26	0.10	0.57		1.21	0.11	67	7.7	0.8	0.59	0	BM
16	1.36	0.08	0.58		1.25	0.08	65	7.7	0.8	0.59	0	BM
17	1.25	0.10	0.56		1.25	0.10	67	7.7	0.8	0.57	0	BM
18	1.28	0.09	0.58		1.23	0.11	67	7.8	0.8	0.58	0	AM
19	1.21	0.08	0.62		1.20	0.11	68	7.7	0.8	0.60	0	AM
20	1.42	0.09	0.61		1.23	0.09	69	7.7	0.8	0.57	0	BM
21	1.38	0.09	0.57		1.24	0.10	69	7.7	0.8	0.60	0	BM
22	1.36	0.08	0.58		1.27	0.10	69	7.7	0.8	0.60	0	AM
23	1.35	0.08	0.56		1.30	0.10	68	7.6	0.9	0.58	0	AM
24	1.25	0.09	0.58		1.20	0.11	69	7.7	0.9	0.58	0	BM
25	1.29	0.10	0.58		1.20	0.11	69	7.6	0.9	0.55	0	BM
26	1.33	0.08	0.59		1.17	0.10	70	7.6	0.9	0.61	0	BM
27	1.30	0.08	0.61		1.25	0.09	70	7.6	0.9	0.61	0	KD
28	1.26	0.07	0.53		1.12	0.10	70	7.5	0.8	0.64	0	KD
29	1.48	0.10	0.61		1.27	0.11	70	7.7	0.8	0.61	0	BM
30	1.21	0.08	0.55		1.31	0.10	70	7.7	0.8	0.58	0	BM
31	1.19	0.10	0.56		1.19	0.10	69	7.6	0.7	0.60	0	KD
AVG.	1.34	0.09	0.58		1.28	0.10	65	7.7	0.8	0.59	0	
MAX.	1.49	0.10	0.62		1.40	0.11	70	7.8	0.9	0.64	0	
MIN.	1.19	0.07	0.53		1.12	0.08	57	7.5	0.7	0.53	0	

9/1/2022

Date

Alan E. Stark, Coordinating Engineer
 Illinois ROINC # 84789479

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Aug-22

PER DAY AVERAGE 78,274,939

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
TOTALS (1)	867,286,319,798	892,384,057,174	97.19%	\$2,057,728,257.23	\$1,822,918,036.63	854,575,895	0.10%	97.28%	\$2.37	\$2.043

(1) - SINCE MAY 1, 1992

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

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

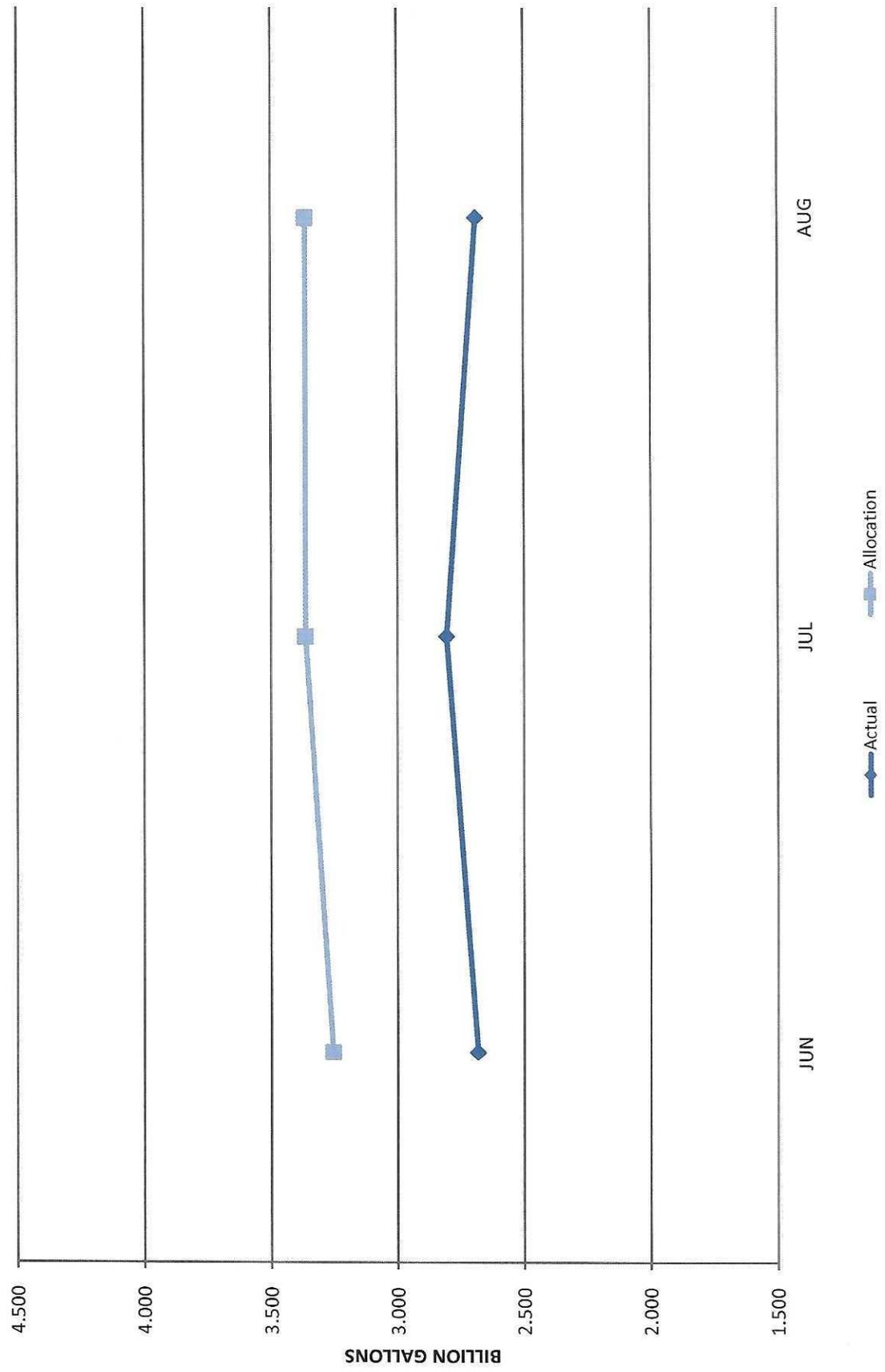
YTD

Aug-21	10,375,991,000	10,697,707,125	96.99%	51,568,675	43,926,099				\$4.97	\$4.106
Aug-22	10,451,878,000	10,781,820,530	96.94%	54,140,728	46,116,119				\$5.18	\$4.277
	75,887,000	84,113,405		\$2,572,053	\$2,190,020					
	0.7%	0.8%		5.0%	5.0%					
Month										
Aug-21	2,736,795,000	2,818,422,046	97.10%	13,601,871	11,600,625				\$4.97	\$4.116
Aug-22	2,688,224,000	2,772,533,130	96.96%	13,925,000	11,982,888				\$5.18	\$4.322
	(48,571,000)	(45,888,916)		\$323,129	\$382,263					
	-1.8%	-1.6%		2.4%	3.3%					
Aug>July	(116,437,000)	(119,999,505)		(603,144)	(518,638)					

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



REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT Operations
ITEM	<p>A Resolution Approving a 12-Month contract time extension for Heavy Machinery and Equipment Rigging, Transportation and Installation Service to Mecon Industries Inc.</p> <p>Resolution No. R-53-22</p>	APPROVAL
<p>Account Number: 01-60-662100</p>		
<p>In accordance with R-29-18, the Commission awarded a Contract for 36-Month Heavy Machinery and Equipment Rigging, Transportation, and Installation Service to Mecon Industries Inc. In accordance with R-42-21, the Commission approved a 12-Month contract time extension for Heavy Machinery and Equipment Rigging, Transportation, and Installation Service. This contract included unit prices for labor services to be used on an as-needed basis for most heavy machinery and equipment rigging, transportation, and installation service on the Commission's large service pumps, motors, and water system equipment by the issuance of Purchase Orders.</p>		
<p>Throughout the term of the contract, Mecon provided Mechanical and Rigging services on one of the Commission's Vertical High Lift Pumps (HLP) and Large Motor; in addition to completing the replacement of ten 36" HLP isolation valves. The HLP and Large Motor rehabilitation program, which requires a pump and motor system to be removed, serviced, and reinstalled, is tentatively scheduled to resume in October of 2022.</p>		
<p>The current contract expires on October 20, 2022. Staff believes that it would be in the Commission's best interest to extend the contract term limit for an additional period of 12-Months commencing on October 20, 2022, and ending on October 20, 2023, to allow sufficient time to complete at a minimum of one pump and motor system rehabilitation. Mecon has performed well throughout the duration of the contract and agreed to extend the term of the contract under the existing terms and conditions.</p>		
<p>There is no cost associated with this request and all other terms and conditions of the Contract shall remain unchanged during this time.</p>		
<p>The extension request letter and form are attached to this document.</p>		
<p>Resolution No. R-53-22 would approve a 12-Month contract extension for Heavy Machinery and Equipment Rigging, Transportation and Installation Service to Mecon Industries Inc. and authorize the General Manager to execute said extension.</p>		
<p>MOTION: To adopt Resolution No. R-53-22.</p>		

DUPAGE WATER COMMISSION

RESOLUTION NO. R-53-22

A RESOLUTION APPROVING A 12-MONTH CONTRACT TIME EXTENSION FOR
HEAVY MACHINERY AND EQUIPMENT RIGGING, TRANSPORTATION, AND
INSTALLATION SERVICE

WHEREAS, pursuant to Resolution No. R-29-18 the DuPage Water Commission (the "Commission") awarded a 36-Month Heavy Machinery and Equipment Rigging, Transportation, and Installation Service to Mecon Industries Inc.; and

WHEREAS, In accordance with R-42-21, the Commission approved a 12-Month contract time extension for Heavy Machinery and Equipment Rigging, Transportation, and Installation Service; and

WHEREAS, the term of the contract time extension expires on October 20, 2022; and

WHEREAS, the Commission has determined that it is in the best interests of the Commission to extend the Contract with Mecon Industries Inc. for a period of 12-Months expiring on October 20, 2023.

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 as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission hereby approves a 12-Month contract extension expiring on October 20, 2023 for Heavy Machinery and Equipment Rigging, Transportation, and Installation Service to Mecon Industries Inc. 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.				
Gustin, P.				
Healy, J.				
Novotny, D.				
Pruyn, J.				
Rush, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Zay, J.				

ADOPTED THIS _____ DAY OF _____, 2022.

Chairman

ATTEST:

Clerk

Resolution No. R-53-22

Exhibit A



DuPage Water Commission
600 E. Butterfield Road, Elmhurst, IL 60126-4642
Voice: (630)834-0100 Fax: (630)834-0120

September 7, 2022

Mr. Joe Kozacek
Mecon Industries Inc.
2703 Bernice Road
Lansing, IL 60438

Subject: 12-Month Contract Extension

Dear Mr. Kozacek,

The DuPage Water Commission "Commission" entered into an agreement with Mecon Industries Inc. on October 19, 2018, for Heavy Machinery and Equipment Rigging, Transportation, and Installation Service for work related to the Commission's Waterworks System as needed through the issuance of Purchase Orders. The Commission entered a 12-month contract extension with Mecon Industries Inc. on October 20, 2021 and ending on October 20, 2022.

The Commission has been satisfied with the work of Mecon Industries Inc. and therefore wishes to extend the contract term limits for a period of 12 months commencing on October 20, 2022 and ending on October 20, 2023. It is understood that all other terms and conditions of the Heavy Machinery and Equipment Rigging, Transportation, and Installation Service Contract shall remain unchanged during this time.

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

Sincerely,



cc: File



DuPage Water Commission
600 E. Butterfield Road, Elmhurst, IL 60126-4642
Voice: (630)834-0100 Fax: (630)834-0120

The DuPage Water Commission and Meccon Industries Inc. do hereby agree to extend the Contract term limit of the 36 Month Heavy Machinery and Equipment Rigging, Transportation and Installation Service Contract dated and executed on October 19th, 2018, for a second (12) month period commencing on October 20, 2022 and ending on October 21, 2023.

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR ACKNOWLEDGED:

By: _____
Signature of Authorized
Representative

DATE: _____

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Engineering
ITEM	A Resolution Approving and Ratifying Certain Change Orders to a Contract for the SCADA Replacement Project (Contract PSD-9/21)	APPROVAL	
	Resolution No. R-54-22		
Account No.: 01-60-771700 – \$30,133.00			
Resolution No. R-54-22 would approve the following Change Orders:			
Change Order No. 1 to Contract for the SCADA Replacement Project (Contract PSD-9/21)			
<ol style="list-style-type: none"> 1. When working with Baxter & Woodman/Boller Construction LLC subcontractor, Concentric Integration on the design and development of the new SCADA network infrastructure it was recommended to isolate the backups from the main server infrastructure by using external storage devices. This will allow the Commission to attach external drives and create offline backups to be stored away from the main infrastructure. The purchase of the network attached storage comes at a cost of \$12,711.00. 2. When working with Baxter & Woodman/Boller Construction LLC subcontractor, Concentric Integration on the design and development of the new SCADA network infrastructure it was recommended to follow SCADA maintenance best practices by purchasing and utilizing specialized computers dedicated for the development of the new networks to mitigate cyber security threats from outside devices. The purchase of six programming computers dedicated to the SCADA network and its development comes at a cost of \$17,422.00. 			
Approval of this Change Order would increase the net Contract Price by \$30,133.00 revising the Contract Price to \$16,473,133.00 for a 0.18% net increase in Contract Price.			
MOTION: To adopt Resolution No. R-54-22.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-54-22

A RESOLUTION APPROVING AND RATIFYING
CERTAIN CONTRACT CHANGE ORDERS TO A CONTRACT
FOR THE SCADA REPLACEMENT PROJECT OF PSD-9/21

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 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.

Resolution No. R-54-22

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

ADOPTED this _____ day of _____, 2022.

Chairman

ATTEST:

Clerk

Board\Resolutions\R-54-22.doc

Resolution No. R-54-22

EXHIBIT 1

Resolution No. R-54-22

1. Change Order No. 1 to the Contract for the Construction of the SCADA Replacement Project (Contract PSD-9/21) for a \$30,133.00 net increase in the Contract Price due to necessary additional work.

DuPAGE WATER COMMISSION
CHANGE ORDER

SHEET 1 OF 3

PROJECT NAME: SCADA Replacement Project

CHANGE ORDER NO. 1

LOCATION: DuPage County, Illinois

CONTRACT NO. PSD-9/21

CONTRACTOR: Baxter & Woodman/Boller Construction

DATE: September 15, 2022

I. A. DESCRIPTION OF CHANGES INVOLVED:

1. Purchase and implement network attached storage.
2. Purchase six dedicated SCADA programming computers.

B. REASON FOR CHANGE:

1. Implementing a network-attached storage system to our network will allow for offline backups of our system that will be protected from system corruption.
2. We want to follow SCADA maintenance best practices by having dedicated computers that will be used only for the DuPage Water Commission SCADA system and its development to mitigate cyber security threats from using outside devices.

C. REVISION IN CONTRACT PRICE:

<u>Item</u>	<u>Description</u>	<u>Extension</u>
1	Network Attached Storage	\$12,711.00
2	Dedicated Programming Computers	<u>\$17,422.00</u>
	Total Increase	\$30,133.00

II. CHANGE ORDER CONDITIONS:

1. The Contract Period established in the Contract, as signed or as modified by this Change Order, maintains the Contract Completion Date to May 31, 2026.
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	\$	<u>16,443,000.00</u>
2. Net (addition) (reduction) due to all previous Change Orders	\$	<u>0.00</u>
3. Contract Price, not including this Change Order	\$	<u>16,443,000.00</u>
4. Addition to Contract Price due to this Change Order	\$	<u>30,133.00</u>
5. Contract Price including this Change Order	\$	<u>16,473,133.00</u>

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: Baxter & Woodman/Boller Construction

By: _____ (_____)
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: _____ (_____)
Signature of Authorized Representative Date

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering & Construction Committee	ORIGINATING DEPARTMENT Engineering
ITEM A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC Resolution No. R-55-22	APPROVAL <div style="background-color: #cccccc; height: 100px; width: 100%;"></div>
Account No.: 01-60-663200 (Not to Exceed \$44,450.00)	
<p>The Commission entered into a master contract with Northern Inspection Services, LLC (NIS) dated August 23, 2021, for professional engineering services in connection with such discrete projects as are delineated and described in Task Orders to be approved by the Commission. Resolution No. R-55-22 would approve the following Task Orders to the Master Contract:</p>	
<p>Task Order No. 05: Indeterminate Assistance Task Order No. 05 is for indeterminate engineering services in connection with cathodic protection testing and reporting. These services would be for assistance in connection with the investigation and mitigation of possible corrosion influences that may be identified from time to time during emergency repair work, the quarterly CRCUC (Chicago Regional Committee on Underground Corrosion) meetings, or routine maintenance of the Commission’s distribution system. During the annual closed interval survey (CIS), NIS identified a area of current drain where DWC’s pipeline crosses a Nicor gas main. There was previously a leak in the area of the current drain. Under this Task Order, NIS shall perform testing to mitigate the influence of stray current from the Nicor gas main in the vicinity. Indeterminate corrosion assistance would be assigned by the Pipeline Supervisor or Coordinating Engineer. The not to exceed cost for this Task Order is an estimated \$15,000.00.</p>	
<p>Task Order No. 06: Feasibility Testing on TS-3/88 Task Order No. 06 is for Feasibility Testing on areas of the South Transmission Main that failed to meet the cathodic protection criteria defined by the Association for Materials Protection and Performance (AMPP). During the annual closed interval survey (CIS), NIS identified several areas of the South Transmission Main that were not receiving adequate cathodic protection. Under this Task Order, NIS will perform testing to determine if the deficit in cathodic protection is caused by potential casing shorts. They will utilize current requirement testing to determine if potentials on the transmission main can be improved through the use of additional galvanic anode or rectified cathodic protection systems. The not to exceed cost for this Task Order is \$14,890.00, based upon Northern Inspection Service’s proposal 22-465P dated August 30, 2022.</p>	

Resolution No. R-55-22

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Engineering
ITEM	<p>A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC</p> <p>Resolution No. R-55-22</p>	APPROVAL	
<p>Task Order No. 07: Feasibility Testing TOB-E/87 Task Order No. 07 is for Feasibility Testing on areas of the Outer Belt Transmission Main that failed to meet the cathodic protection criteria defined by the Association for Materials Protection and Performance (AMPP). During the annual closed interval survey (CIS), NIS identified several areas of the Outer Belt Transmission Main that were not receiving adequate cathodic protection due to a broken anode header cable to a DWC rectifier. Under this Task Order, NIS will perform testing to determine if the broken cable can be repaired and restored. If the cable cannot be located, they will utilize current requirement testing to determine if potentials on the transmission main can be improved through the installation of new galvanic anode or rectified cathodic protection systems. The not to exceed cost for this Task Order is \$14,560.00, based upon Northern Inspection Service’s proposal 22-466P dated August 30, 2022.</p>			
<p>MOTION: To adopt Resolution No. R-55-22.</p>			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-55-22

A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH NORTHERN INSPECTION SERVICES, LLC

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Northern Inspection Services, LLC (the "Consultant") dated August 23, 2021, 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 ("Task Orders 5, 6, 7");

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

Resolution No. R-55-22

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.				
Gustin, P.				
Healy, J.				
Novotny, D.				
Pruyn, J.				
Rush, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Zay, J.				

ADOPTED THIS _____ DAY OF _____ 2022

Chairman

ATTEST:

Clerk
Board/Resolutions/R-55-22.docx

EXHIBIT 1

TASK ORDER NO. 5

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Northern Inspection Services, LLC (“Consultant”) for Professional Engineering Services dated August 23, 2021 (the “Contract”), Owner and Consultant agree as follows:

1. **Project:**

Indeterminate Corrosion Assistance as needed based on emergency repair work, CRCUC quarterly meetings, and routine maintenance, based upon Northern Inspection Service’s proposal 22-464P dated August 29, 2022.

2. **Services of Consultant:**

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

A. Basic Services, as assigned by the Pipeline Supervisor or Coordinating Engineer in writing, to include:

1. Evaluation and mitigation of possible corrosion influences, as needed, that may be identified from time to time during emergency repair work, the quarterly CRCUC (Chicago Regional Committee on Underground Corrosion) meetings, or routine maintenance.
2. Performance of field testing, as needed, including the following:
 - ON and OFF Pipe-to-Soil potentials at test points
 - ON and OFF Casing-to-Soil potentials (when applicable)
 - ON and OFF potentials to verify electrical isolation (when applicable)
 - ON and OFF Pipe-to-Soil potentials, current magnitude and direction at existing bonds
 - Potentials, current direction, and magnitude at the sacrificial anode systems
 - Rectifier Outputs
 - Troubleshooting of cathodic protection systems (when applicable)
3. Completion of a report summarizing the results of the data obtained, evaluation of data obtained, and recommendations, as needed. Provide a copy of all data, as needed.
4. Other Services as the Pipeline Supervisor or Coordinating

Engineer deems necessary for corrosion mitigation.

B. Additional Services:

None

3. **Approvals and Authorizations:** Consultant shall obtain the following approvals and authorizations:

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

4. **Commencement Date:**

September 19, 2023

5. **Completion Date:**

September 19, 2024

6. **Submittal Schedule:**

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

7. **Key Project Personnel:**

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

8. **Contract Price:**

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs opposite each such phase, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract

Basic Services - Indeterminate Need	\$15,000.00
--------------------------------------------	--------------------

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. **Special Safety Requirements:**

Even though Consultant is required to independently assess the potentially hazardous conditions at its workplace on or in the vicinity of the Owner's facilities and appurtenances and take the necessary precautions to ensure a safe workplace pursuant to the Contract and Consultant's legal obligations, Consultant is advised that it would be reasonable to assume that hazardous electrical voltage and current may be present at any time during the Services. Consultant must ensure that all personnel observe all appropriate safety precautions when working on or in the vicinity of the Owner's facilities and appurtenances, and shall:

- i. Independently verify the presence or absence of AC electrical current on or in the vicinity of the Owner's CP Test Facilities and its appurtenances and notify Owner and affected Consultant personnel accordingly. Owner shall instruct its employees to comply with the restrictions and prohibitions of Consultant's energy control program and procedures.
- ii. Take immediate and necessary measures to protect all workers, Owner employees, and general public from hazardous electrical voltage and current.
- iii. Work with Owner's personnel to control hazardous electrical voltages and current and control access to the locations where hazardous electrical voltages and currents are present.
- iv. Train and instruct Owner's personnel on the safe electrical working practices to be employed between the time of temporary control measures being employed through and up to the time when permanent control measures are applied.

11. **Modifications to Contract:**

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

12. **Attachments:**

As may be assigned by the Pipeline Supervisor or Coordinating Engineer of the Owner and confirmed by an authorized officer of Consultant in writing.

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 September 19, 2022.

DUPAGE WATER COMMISSION

By: _____
Paul D. May, P.E.
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Jessica Haney

Title: Coordinating Engineer

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

E-mail Address: haney@dwpc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

NORTHERN INSPECTION SERVICES, LLC

By: _____
Veronica Huckstorf
President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Ron Turner

Address: 95 Center Drive, Gilberts, IL 60136

E-mail Address: ron.turner@nismidwest.com

Phone: (630) 399-3212

TASK ORDER NO. 6

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Northern Inspection Services, LLC (“Consultant”) for Professional Engineering Services dated August 23, 2021 (the “Contract”), Owner and Consultant agree as follows:

1. **Project:**

Feasibility Testing and Troubleshooting for areas not meeting AMPP’s cathodic protection criteria on the South Transmission Main (TS-3/88), based upon Northern Inspection Service’s proposal 22-465P dated August 30, 2022.

2. **Services of Consultant:**

A. Feasibility Testing and Troubleshooting Services to include:

1. Mobilization at all project locations with proper cathodic protection testing equipment.
2. Performance of field testing to determine whether the DWC main is shorted to the casing across 75th street.
3. Performance of current requirement testing to determine if the potentials on Tank #4 feeder main can be improved, if a casing short exists.
4. Performance of current requirement testing near the river and short locating at the meter station west of the river to determine if potentials can be improved.
5. Preparation, for review and approval of DWC Staff, of a report summarizing the inspections. The report shall include as found and as left conditions, a summary of the results of data obtained during testing, and recommendations.

B. Additional Services:

None

3. **Approvals and Authorizations:**

None

4. **Commencement Date:**

September 19, 2023

5. **Completion Date:**

5 Months Following Commencement Date

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Names: Telephone:
Ron Turner (630) 399-3212

8. **Contract Price:**

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs opposite each such phase, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract

Feasibility Testing and Troubleshooting	\$14,890.00
------------------------------------------------	--------------------

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. **Special Safety Requirements:**

Even though Consultant is required to independently assess the potentially hazardous conditions at its workplace on or in the vicinity of the Owner's facilities and appurtenances and take the necessary precautions to ensure a safe workplace pursuant to the Contract and Consultant's legal obligations, Consultant is advised that it would be reasonable to assume that hazardous electrical voltage and current may be present at any time during the Services. Consultant must ensure that all personnel observe all

appropriate safety precautions when working on or in the vicinity of the Owner's facilities and appurtenances, and shall:

- v. Independently verify the presence or absence of AC electrical current on or in the vicinity of the Owner's CP Test Facilities and its appurtenances and notify Owner and affected Consultant personnel accordingly. Owner shall instruct its employees to comply with the restrictions and prohibitions of Consultant's energy control program and procedures.
- vi. Take immediate and necessary measures to protect all workers, Owner employees, and general public from hazardous electrical voltage and current.
- vii. Work with Owner's personnel to control hazardous electrical voltages and current and control access to the locations where hazardous electrical voltages and currents are present.
- viii. Train and instruct Owner's personnel on the safe electrical working practices to be employed between the time of temporary control measures being employed through and up to the time when permanent control measures are applied.

11. **Modifications to Contract:**

None

12. **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 September 19, 2022.

DuPAGE WATER COMMISSION

By: _____
Paul D. May, P.E.
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Jessica Haney

Title: Coordinating Engineer

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

E-mail Address: haney@dwpc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

NORTHERN INSPECTION SERVICES, LLC

By: _____
Veronica Huckstorf
President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Ron Turner

Address: 95 Center Drive, Gilberts, IL 60136

E-mail Address: ron.turner@nismidwest.com

Phone: (630) 399-3212

TASK ORDER NO. 7

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission ("Owner") and Northern Inspection Services, LLC ("Consultant") for Professional Engineering Services dated August 23, 2021 (the "Contract"), Owner and Consultant agree as follows:

1. **Project:**

Feasibility Testing and Troubleshooting for areas not meeting AMPP's cathodic protection criteria on the Outer Belt Transmission Main (TOB-E/87), based upon Northern Inspection Service's proposal 22-466P dated August 30, 2022.

2. **Services of Consultant:**

A. Feasibility Testing and Troubleshooting Services to include:

1. Mobilization at all project locations with proper cathodic protection testing equipment.
2. Attempting to locate the anode header cable break at Rectifier #7. If header cable break cannot be found, NIS shall perform current requirement testing and determine if a replacement groundbed should be installed.
4. Performance of current requirement testing between stationing 261+00 and 286+00; determine if additional cathodic protection system should be installed near this location.
5. Preparation, for review and approval of DWC Staff, of a report summarizing the inspections. The report shall include as found and as left conditions, a summary of the results of data obtained during testing, and recommendations.

B. Additional Services:

None

3. **Approvals and Authorizations:**

None

4. **Commencement Date:**

September 19, 2023

5. **Completion Date:**

5 Months Following Commencement Date

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Names:	Telephone:
Ron Turner	(630) 399-3212

8. **Contract Price:**

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs opposite each such phase, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract

Feasibility Testing and Troubleshooting	\$14,560.00
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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. **Special Safety Requirements:**

Even though Consultant is required to independently assess the potentially hazardous conditions at its workplace on or in the vicinity of the Owner's facilities and appurtenances and take the necessary precautions to ensure a safe workplace pursuant to the Contract and Consultant's legal obligations, Consultant is advised that it would be reasonable to assume that hazardous electrical voltage and current may be present at any time during the Services. Consultant must ensure that all personnel observe all

appropriate safety precautions when working on or in the vicinity of the Owner's facilities and appurtenances, and shall:

- i. Independently verify the presence or absence of AC electrical current on or in the vicinity of the Owner's CP Test Facilities and its appurtenances and notify Owner and affected Consultant personnel accordingly. Owner shall instruct its employees to comply with the restrictions and prohibitions of Consultant's energy control program and procedures.
- ii. Take immediate and necessary measures to protect all workers, Owner employees, and general public from hazardous electrical voltage and current.
- iii. Work with Owner's personnel to control hazardous electrical voltages and current and control access to the locations where hazardous electrical voltages and currents are present.
- iv. Train and instruct Owner's personnel on the safe electrical working practices to be employed between the time of temporary control measures being employed through and up to the time when permanent control measures are applied.

11. **Modifications to Contract:**

None

12. **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 September 19, 2022.

DuPAGE WATER COMMISSION

By: _____
Paul D. May, P.E.
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Jessica Haney

Title: Coordinating Engineer

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

E-mail Address: haney@dwpc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

NORTHERN INSPECTION SERVICES, LLC

By: _____
Veronica Huckstorf
President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Ron Turner

Address: 95 Center Drive, Gilberts, IL 60136

E-mail Address: ron.turner@nismidwest.com

Phone: (630) 399-3212