



DuPage Water Commission

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

AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, SEPTEMBER 16, 2021
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 19, 2021 Regular Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-43-21:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-12/21 (**Benchmark Construction Co. – WAO No. 005– Estimated Cost - \$50,000.00**)
- V. **R-44-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with DeLasCasas CP, LLC (**Task Order No. 01 – Estimated Not-To-Exceed \$5,950.00**)
- VI. **R-45-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Greeley and Hansen – Third Amendment to Task Order No. 03 (**Increase Not-To-Exceed Cost by \$31,830.00**)
- VII. **R-46-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with LAN, Inc. (**Task Order No. 01 – Estimated Not-To-Exceed \$81,000.00**)
- VIII. **R-47-21** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-9/20 (**FSG, Inc. – WAO No. 007 – Estimated Cost \$2,850.00**)
- IX. **R-48-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC (**Task Order Nos. 01 and 02 – Not-To-Exceed \$15,675.00**)

All visitors must present a valid drivers license or other government-issued photo identification, sign in at the reception area and wear a visitor badge while at the DuPage Pumping Station.

X. Old Business

XI. Other

XII. Adjournment

**MINUTES OF THE MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, AUGUST 19, 2021
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

Committee members absent: J. Fennell

Also in attendance: J. Bonnema, C. Bostick, D. Cuvalo, D. Panaszek J. Spatz, A. Stark and M. Weed.

All previous Meeting Minutes of the Regular Engineering & Construction Committee Meetings of the DuPage Water Commission had been previously approved at the April 16, 2020 Regular Commission Meeting (Last Regular Engineering & Construction Committee Meeting held on February 20, 2020).

Regarding R-42-21, Facilities Construction Supervisor Bostick advised the Committee that Staff is recommending a contract extension for the Heavy Machinery and Equipment Rigging, Transportation and Installation Service with Mecon Industries Inc., following the terms and conditions as set forth in the existing 36-month contract which expires in October 2021.

Regarding R-34-21, Facilities Construction Supervisor Bostick advised the Committee the action seeks ratification of Work Authorization Order (WAO) Nos. 01 and 02 under Contract QR-12/21 to Benchmark Construction Co., Inc., and the work consisted of replacing a failing 8-inch diameter valve and a corroding 10-inch diameter meter assembly in the Commission's Meter Testing Facility with new and reconfigured valve and piping.

Regarding R-40-21, Facilities Construction Supervisor Bostick advised the Committee the action seeks approval of WAO No. 03 under Contract QR-12/21 to Rossi Contractors, Inc., to perform site remediation at three separate metering stations and the work includes sidewalk replacement, regrading and turf restoration.

Facilities Construction Supervisor Bostick advised the Committee that a Request For Board Action appears on the agenda seeking authorization for the General Manager to issue a Purchase Order for a new vehicle through the Suburban Purchasing Cooperative Joint Purchasing Program and the vehicle purchase had been included and approved within the FY 2021-2022 Management Budget.

Regarding R-30-21, Facilities Construction Supervisor Bostick advised the Committee the action seeks ratification of Work Authorization Order (WAO) No. 22 under Quick Response Contract QR-11/17, to Rossi Contractors, Inc., in the amount of \$58,701.61, for the work necessary to repair a leak on a 16" diameter ductile iron water main located in the Village of Wood Dale.

Regarding R-33-21, Facilities Construction Supervisor Bostick advised the Committee the action seeks approval and ratification of Work Authorization Order No. 04 under Quick

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Response Contract QR-12/21, to Rossi Contractors, Inc., for an estimated amount of \$70,640.00. The WAO is for the urgent repair of up to 29 manhole lids and cathodic protection handhole structures that have been found to need immediate attention.

Facilities Construction Supervisor Bostick advised the Committee that R-38-21 while not being an action item on the Engineering and Construction Committee Meeting Agenda the action would approve the disposal of various Pipeline Department equipment that is no longer useful. The items include a utility truck, a towable air compressor and associated jack-hammer tools along with small hand and power tools.

Facilities Construction Supervisor Bostick advised the Committee the DPPS Emergency Generator System Modifications Design Phase is ongoing where 100% completion of design is expected by the end of February 2022.

Regarding R-31-21, Facilities Construction Supervisor Bostick advised the Committee this action requests approval of Change Order No. 01 to the Valve Assessment Program contract (VAP-1/21) to extend the Contract Period from 180 calendar days to 365 calendar days with no change in Contract Price. Staff is seeking to delay exercising certain valves on the main supply lines from the Lexington Pump Station until seasonal demands subside.

Facilities Construction Supervisor Bostick advised the Committee R-32-21 and R-36-21 appear on the agenda to authorize the execution of Master Agreements with DeLasCasas, LLC and Northern Inspection Services, LLC, respectively, for professional engineering services that may be requested in the future. Staff advised these firms specialize in Cathodic Protection Analysis and would be tasked with various projects as they arise including the review of corrosion remediation methodologies that may be proposed by other cathodic protection specialists.

Facilities Construction Supervisor Bostick advised the Committee the AECOM Pump 10 Feasibility Study and Report remains under review by Staff.

Facilities Construction Supervisor Bostick advised the Committee the SCADA system design is ongoing and in a related matter, R-39-21 appears on the agenda seeking approval to amend Task Order No. 3 with Strand Associates to provide Technical Review Assistance with the project documents and the selection of a Systems Integrator. Also noted regarding the SCADA project, R-37-21 seeks authorization to approve the sole source work agreement with AT&T to develop a dedicated Fiber Optic to facilitate better communication between the SCADA radio network and the DuPage Pump Station SCADA hub. General Manager Spatz advised the Committee that Staff has had a good experience working with Strand Associates.

Facilities Construction Supervisor Bostick advised the Committee that Requests For Proposals have been sent out to various consultants under contract to our Master/Task Order Agreements, to: Perform studies on Standpipe Pumping, Emergency Generation and Disinfection facilities; and, Water Quality Surveillance projects that were included in the Five-Year Capital Improvement Program.

Regarding R-41-21, Facilities Construction Supervisor Bostick advised the Committee the action seeks authorization for the General Manager to issue a Purchase Order to Beary Landscaping for tree removal at Tank Site No. 4 due to tornado activity on June 20th. General Manager Spatz provided an overview of the activities required at Tank Site No. 4 and the need to hire the additional services from Beary Landscaping.

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Chairman Pro-Tem Saverino inquired with the Committee if there were any questions regarding the action items. Hearing none, Chairman Zay moved to recommend approval of items 2 through 13 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, F. Novotny, F. Saverino and J. Zay

Nays: None

Absent J. Fennell

Chairman Pro-Tem Saverino inquired the Committee if any other business or other items to be discussed.

General Manager Spatz updated the Committee on the status of the communications with the Village of Oak Brook and Aqua Illinois regarding the Oak Brook intentions of selling off portions of their distribution system to the privately owned entity.

General Manager Spatz also updated the Committee on the status of performing alternate water source studies to determine the Commission's options in furtherance of negotiations in renewal of the Water Supply Contract with the City of Chicago.

With no other items coming before the Committee, Chairman Zay moved to adjourn the meeting at 6:23 P.M. Motion seconded by Commissioner Novotny and unanimously approved by a roll call vote.

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

Nays: None

Absent J. Fennell



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Mike Weed
Operations Supervisor

MW

Chris Bostick	Facilities Construction Supervisor
John Schori	Instrumentation Supervisor
Dariusz Panaszek	Pipeline Supervisor
Jessica Bonnema	Coordinating Engineer
Denis Cuvalo	Coordinating Engineer
Alan Stark	Coordinating Engineer

DATE: September 8, 2021

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of August were a total of 2.75 billion gallons. This represents an average day demand of 88.7 million gallons per day (MGD), which is lower than the August 2020 average day demand of 99.5 MGD. The maximum day demand was 98.9 MGD recorded on August 4, 2021, which is lower than the August 2020 maximum day demand of 115.6 MGD. The minimum day flow was 76.7 MGD.

The Commission's recorded total precipitation for the month of August 2021 was 4.51 inches compared to .80 inches for August 2020. The level of Lake Michigan for August 2021 is 580.77 (Feet IGLD 1985) compared to 582.09 (Feet IGLD 1985) for August of 2020.

Instrumentation / Remote Facilities Overview

Instrumentation staff continues with routine inspections and repairs of remote facilities.

Resolution R-47-21 appears on the agenda as a Resolution Approving and Ratifying Work Authorization No. 007 under Contract QRE-9/20 to FSG, Inc. to install a new conduit path from the footing drain vault to the footing drain controller at Meter Station 22A in Willowbrook. The existing wiring for the control floats failed and cannot be used or pulled out of the existing conduit.

Resolution R-48-21 appears on the agenda requesting approval of Task Order No. 01 and No. 02 to Northern Inspection Services, LLC. Task Order No. 01 is to confirm the Polarization Cell Replacement (PCR) devices are providing DC decoupling and AC continuity/grounding to valve actuators at 28 remotely operated valve control cabinets throughout the distribution system. Also, on the same resolution is Task Order No. 02 to provide a quarterly inspection and testing of the Reverse Current Switch Controllers over the next year. This system is designed to drain current back to the Chicago transit Authority rail system instead of the pipeline to mitigate corrosion on the pipeline.

Pipeline Maintenance and Construction Overview

Pipeline staff is performing watch and protect at construction site for the Tollway Expansion.

Pipeline staff is performing annual Blow-off valve exercising program.

Resolution R-43-21 appears on the agenda as a Resolution Approving and Ratifying Work Authorization Order Number 005 under Quick Response Contract QR-12/21, to Benchmark Construction Co., Inc., in the amount of \$50,000.00, for the work necessary to repair a leak in a 24" diameter steel water main located at 55th Street and Dunam Road in the Village of Downers Grove.

Resolution R-44-21 appears on the agenda seeking approval of Task Order 1 under a Master Contract with DeLasCasas CP. This Task Order would allow DeLasCasas CP to review our CIS survey results and make recommendations for corrosion mitigation strategies.

Capital Improvement Program

The DPPS Emergency Generator System Modifications Design Phase is underway where 100% completion of design is expected by the end of February 2022. Greeley and Hansen is the Engineer. R-45-21 appears on the agenda to amend the Task Order for Design Services for additional design work required by Staff for a fully functional system design.

The Village of Lombard has requested an additional fifth connection point to the DuPage Water Commission System. The Village is looking to add a Joint Facility, consisting of a metering station and pressure adjusting station, for this additional connection. DWC is currently working with the Village of Lombard on drafting an Intergovernmental Agreement for the construction of the Joint Facility.

Coordinating Engineer

The SCADA Replacement Project Design Phase is underway, DWC Staff is working with Carollo Engineers on the 100% design documents and technical specifications. Completion of design is expected by the end of November 2021.

Resolution R-46-21 appears on the agenda requesting approval to award the feasibility study for the Standpipe Pumping-Generation-Disinfection Project to Lockwood, Andrews & Newnam Inc. (LAN)

September 2021 COMMISSION AGENDA ITEMS:

- R-43-21:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-12/21 (**Benchmark Construction Co. – WAO No. 005– Estimated Cost - \$50,000.00**)
- R-44-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with DeLasCasas CP, LLC (**Task Order No. 01 –Estimated Not-To-Exceed \$5,950.00**)
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- R-48-21:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC (**Task Order Nos. 01 and 02 – Not-To-Exceed \$15,675.00**)

Attachments

1. DuPage Laboratory Bench Sheets for August 2021
2. Water Sales Analysis 01-May-2018 to 31-Aug-2021
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2021/210908.docx>

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Aug-21

PER DAY AVERAGE 78,431,274

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-18	2,285,706,000	2,361,461,303	96.79%	\$11,291,387.64	\$9,169,554.24	1,218,779	0.05%	96.84%	\$4.94	\$3.883
Jun-18	2,298,459,000	2,397,747,162	95.86%	\$11,354,387.71	\$9,454,317.06	2,994,035	0.12%	95.98%	\$4.94	\$3.943
Jul-18	2,709,111,000	2,805,244,664	96.57%	\$13,383,008.34	\$11,061,079.71	1,050,752	0.04%	96.61%	\$4.94	\$3.943
Aug-18	2,583,722,000	2,678,990,368	96.44%	\$12,763,586.68	\$10,563,259.02	914,357	0.03%	96.48%	\$4.94	\$3.943
Sep-18	2,263,628,000	2,346,754,816	96.46%	\$11,182,322.32	\$9,253,254.24	7,290,382	0.31%	96.77%	\$4.94	\$3.943
Oct-18	2,017,047,000	2,093,603,023	96.34%	\$9,964,212.18	\$8,255,076.72	1,036,179	0.05%	96.39%	\$4.94	\$3.943
Nov-18	1,855,424,000	1,909,236,300	97.18%	\$9,165,794.56	\$7,528,118.73	6,336,710	0.33%	97.51%	\$4.94	\$3.943
Dec-18	1,925,817,000	1,998,319,584	96.37%	\$9,513,535.98	\$7,879,374.12	999,888	0.05%	96.42%	\$4.94	\$3.943
Jan-19	1,948,234,000	2,017,316,439	96.58%	\$9,624,275.96	\$7,954,278.72	1,344,792	0.07%	96.64%	\$4.94	\$3.943
Feb-19	1,831,029,000	1,891,234,162	96.82%	\$9,045,283.26	\$7,457,136.30	392,723	0.02%	96.84%	\$4.94	\$3.943
Mar-19	1,933,958,000	1,993,121,626	97.03%	\$9,553,752.52	\$7,858,878.57	467,761	0.02%	97.06%	\$4.94	\$3.943
Apr-19	1,881,569,000	1,955,726,241	96.21%	\$9,294,950.86	\$7,711,428.57	5,802,627	0.30%	96.50%	\$4.94	\$3.943
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
TOTALS (1)	840,391,101,798	864,663,412,878	97.19%	\$1,921,864,129.39	\$1,707,081,688.54	842,303,450	0.10%	97.29%	\$2.29	\$1.974

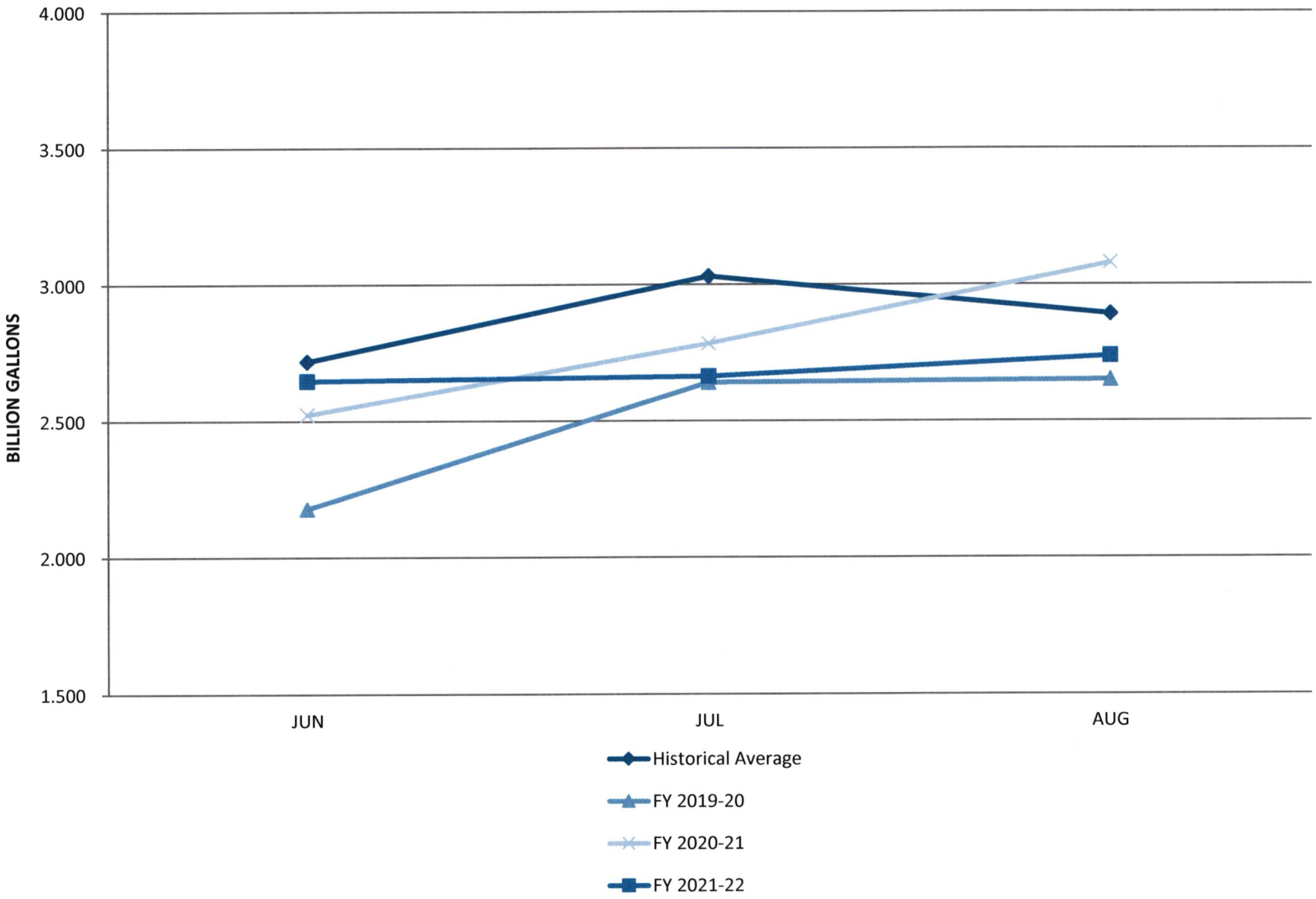
2,727,502

- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

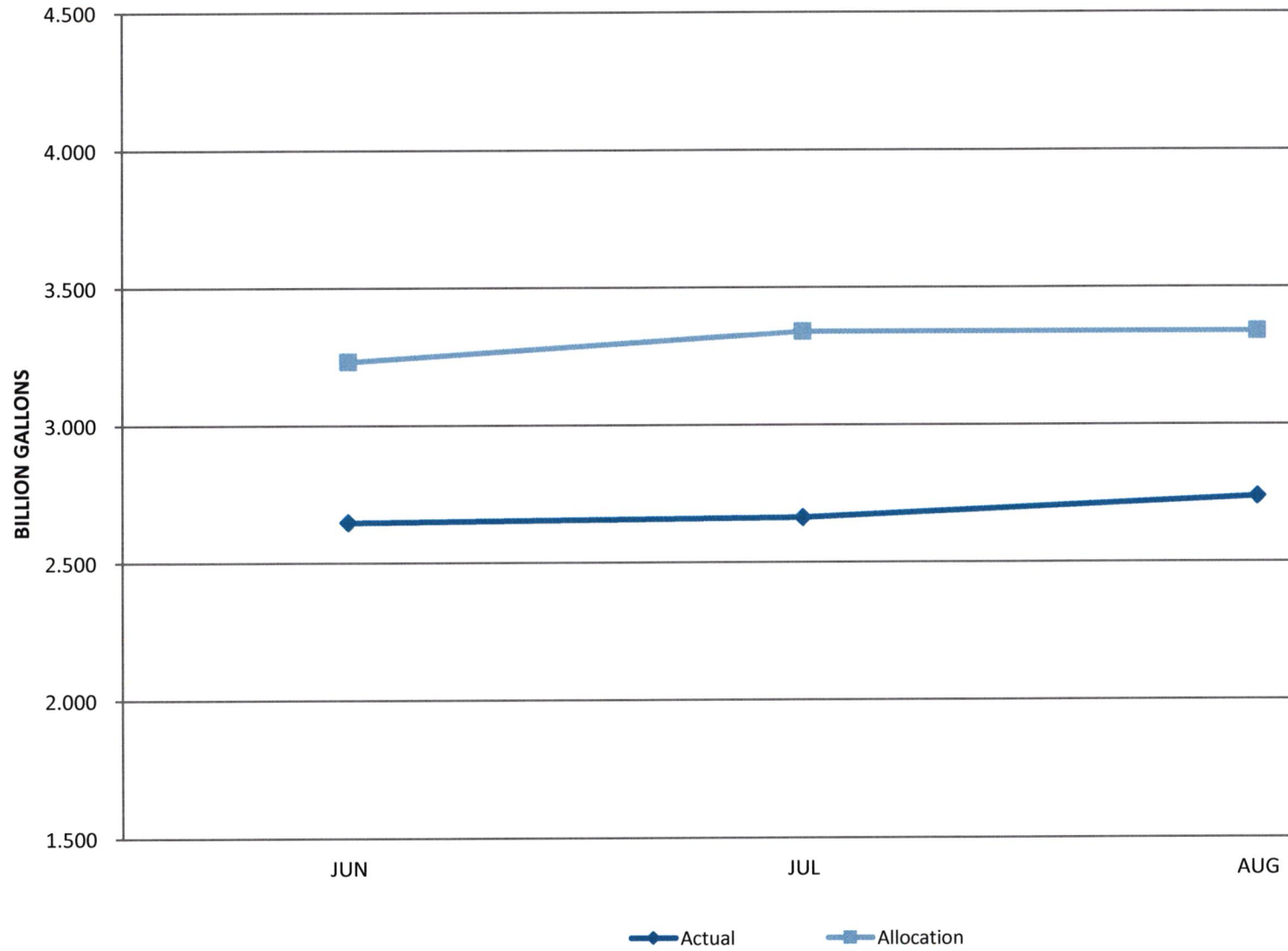
YTD

Aug-20	10,468,587,000	10,790,563,980	97.02%	52,028,877	43,731,418				\$4.97	\$4.053
Aug-21	10,375,991,000	10,697,707,125	96.99%	51,568,675	43,926,099				\$4.97	\$4.106
	(92,596,000)	(92,856,855)		(\$460,202)	\$194,681					
	-0.9%	-0.9%		-0.9%	0.4%					
Month										
Aug-20	3,078,522,000	3,180,137,701	96.80%	15,300,254	12,949,521				\$4.97	\$4.072
Aug-21	2,736,795,000	2,818,422,046	97.10%	13,601,871	11,600,625				\$4.97	\$4.116
	(341,727,000)	(361,715,655)		(\$1,698,383)	(\$1,348,896)					
	-11.1%	-11.4%		-11.1%	-10.4%					
Aug>July	75,275,000	68,103,052		374,117	280,312					




DU PAGE WATER COMMISSION SALES FY 2021-22, 2020-21 & 2019-20 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2021-22 VS. ALLOCATION



REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline
ITEM	<p>A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-12/21 at the September 16, 2021, DuPage Water Commission Meeting</p> <p>Resolution No. R-43-21</p>	<p>APPROVAL</p> <p style="text-align: center;">    </p>	
<p>Account Number: 01-60-663100 (estimated cost of \$50,000.00)</p> <p>The Commission entered into certain agreements dated June 30, 2021, with John Neri Construction Co., Inc. and Rossi Contractors, Inc., and Benchmark Construction Co., Inc. for quick response construction work, as needed, through the issuance of Work Authorization Orders. Resolution No. R-43-21 would approve the following Work Authorization Orders under the Quick Response Contracts.</p> <p>Work Authorization Order No. 005 to Benchmark Construction Co., Inc. This work authorization was issued, and the work begun, prior to board approval and was necessary to repair a leak in a 24" diameter steel water main located at 55th Street and Dunham Road in the Village of Downers Grove.</p> <p>The scope of this work included providing and maintaining traffic and pedestrian controls, locating, and repairing the source of the leak, backfilling the excavation with suitable materials, restoration of all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.</p> <p>Approval of Resolution R-43-21 would ratify Work Authorization Order Number 005 to Benchmark Construction Co., Inc. for the work necessary to excavate, locate and repair, as described in Exhibit 1 to this resolution, the source of a leak located on a Commission 24" diameter steel water main at a total estimated cost of \$50,000.00.</p>			
<p>MOTION: To adopt Resolution No. R-43-21</p>			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-43-21

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-12/21 AT THE
SEPTEMBER 16, 2021 DuPAGE WATER COMMISSION MEETING

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"); and

WHEREAS, Contract QR-12/21 is designed to allow the Commission to direct one or more or all the quick response contractors to perform quick response construction work, including without limitation construction, alteration, and repair related to the Commission's Waterworks System, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the need for quick response construction work could not have been reasonably foreseen at the time the contracts were signed;

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

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

SECTION TWO: The Work Authorization Orders attached hereto and by this reference incorporated herein and made a part hereof 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, that the circumstances said to necessitate the Work Authorization Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are germane to the original contracts as signed, and/or the Work Authorization 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 the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this ____ day of _____, 2021.

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-12/21: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-12.005

LOCATION:

55th Street and Dunham Road in the Village of Downers Grove.

CONTRACTOR:

Benchmark Construction Co., Inc.

DESCRIPTION OF WORK:

Provide and maintain traffic and pedestrian controls; dewater isolated section of main; excavate, locate and repair the source of a leak on a Commission 24" diameter steel water main; backfill the excavation with suitable materials; disinfect the isolated section of water main, restore all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.

REASON FOR WORK:

To repair a leak in a 24" diameter steel water main.

MINIMUM RESPONSE TIME:

N/A

**COMMISSION-SUPPLIED MATERIALS, EQUIPMENT
AND SUPPLIES TO BE INCORPORATED INTO THE WORK:**

N/A

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY WORK

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

N/A

SUBMITTALS REQUESTED:


N/A

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

N/A

DUPAGE WATER COMMISSION

By:



Signature of Authorized
Representative

DATE:

8-26-2021

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By:



Signature of Authorized
Representative

Safety Rep:



Name and 24-Hr Phone No.

Patrick Mantel
773-339-0062

DATE:

8-27-2021

Date: September 9, 2021

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Pipeline
ITEM	A Resolution Approving and Ratifying Task Order 1 Under a Master Contract with DeLasCasas CP, LLC at the September 16, 2021, DuPage Water Commission Meeting Resolution No. R-44-21	APPROVAL JB JP CP	
Account Nos: 01-60-629000 (An amount not-to-exceed \$5,950.00)			
<p>The Commission entered into a Master Contract with DeLasCasas, LLC, for professional engineering services on August 23rd, 2021 in connection with such discrete projects as are delineated and described in Task Orders to be approved by the Commission. Resolution No. R-44-21 would approve Task Order 1 to the Master Contract:</p> <p>Task Order No. 1: Review of CIS Surveys for TE-3/94, TIB-1/03, TW-2</p> <p>The Commission is looking to utilize DeLasCasas CP, LLC to review the results from a Closed Interval Survey on TE-3/94, TIB-1/03, and TW-2. TE-3/94, TIB-1/03, and TW-2 are the Commission's largest steel pipelines ranging in size from 48-72 inch diameter pipe. The Closed Interval Survey revealed that the Commission's steel pipeline is not adequately protected and may be experiencing stray current interference from other pipelines and the CTA train in the vicinity. Corrpro completed the initial closed interval survey and recommended that a large amount of additional testing be completed to verify what corrosion mitigation methods are best for DWC to implement on these pipelines. Before proceeding with additional testing, DWC would like to get a second opinion on the recommended testing strategies from Corrpro and guarantee that the best mitigation methods will be put into place. The Commission is seeking DeLasCasas CP's engineering assistance to evaluate the results and recommendations of the original CIS surveys.</p>			
MOTION: To adopt Resolution No. R-44-21.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-44-21

A RESOLUTION APPROVING AND RATIFYING
TASK ORDER 1 UNDER A MASTER CONTRACT WITH DELASCASAS CP, LLC AT
THE SEPTEMBER 16, 2021, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with DeLasCasas CP, LLC (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

Resolution No. R-44-21

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.

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2021.

Chairman

ATTEST:

Clerk

Board/Resolutions/R-44-21.docx

EXHIBIT 1

TASK ORDER NO. 1

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

1. **Project:**

Review of CIS Surveys for TE-3/94, TIB-1/03, and TW-2 and recommendations for additional testing for corrosion mitigation. Review Task Orders for the second year of CIS and Test Point Surveys to ensure they include an accurate scope of work that will guarantee the data necessary.

2. **Services of Consultant:**

A. Basic Services:

1. Review the data from the CIS surveys for TE-3/94, TIB-1/03, and TW-2 from Corrpro.
 - 1.1 Prepare the 3D KMZ files of the CIS surveys, to be used in the field data analysis, conclusions, and recommendations.
2. Review Corrpro' s recommendations for additional corrosion testing on TE-3/94, TIB-1/03, and TW-2.
3. Make recommendations based off the CIS surveys as to what corrosion mitigations and/or additional testing is needed to eliminate corrosion on TE-3/94, TIB-1/03, and TW-2 and have those pipelines meeting all NACE Criteria for the Cathodic Protection of Steel Pipelines.
4. Review Task Orders for the second year of CIS and Test Point Surveys to ensure they include an accurate scope of work that will guarantee the data necessary.

B. Additional Services:

None

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

None

4. **Commencement Date:**

September 17th, 2021

5. **Completion Date:**

6 months following Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Names:

Telephone:

Rogelio De Las Casas

312.835.0272

Jennifer De Las Casas

312.636.2845

8. **Contract Price:**

For providing, performing, and completing all Services, an amount equal to Consultant's Direct Labor Costs times a factor of **2.3** 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.

Notwithstanding the foregoing, the total Contract Price shall not exceed **\$5,950.00** except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. **Payments:**

For purposes of payments to Consultant, the value of the Services under this Task Order shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

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:**

None

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 17th, 2021.

DUPAGE WATER COMMISSION

By: _____

John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Jessica Bonnema

Title: Coordinating Engineer

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

E-mail Address: bonnema@dpwc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

DELASCASAS CP, LLC

By: _____
Rogelio De Las Casas
President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Rogelio De Las Casas

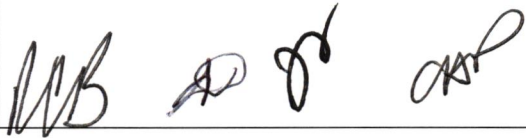
Address: 111 Ambassador Ave, Romeoville, Illinois, 60446

E-mail Address: rogelio@delascasascp.com

Phone: (312) 835-0272

DATE: September 9, 2021

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Facilities Construction
ITEM	A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Greeley and Hansen at the September 16, 2021, DuPage Water Commission Meeting Resolution No. R-45-21	APPROVAL 	
Account No.: 01-60-722300 - \$31,829.00			
<p>On April 16, 2020, the Commission approved R-18-20, Task Order No. 3, with Greeley and Hansen for Study and Report on the Feasibility of Emergency Generation System Modifications at the DuPage Pumping Station.</p> <p>On September 17, 2020 the Commission approved R-36-20, the 1st Amendment to Task Order No. 3 to have Greeley and Hansen utilize their expertise to guide Staff and provide the necessary technical information on the Commission's generator exhaust to enable Staff to comply with revisions to IEPA Air Quality Permitting requirements.</p> <p>On January 21, 2021 the Commission approved R-7-21, the 2nd Amendment to Task Order No. 3 to add Design Services and Bidding Services to the Task Order, and revising the cost at a not-to-exceed amount of \$602,396.00.</p> <p>Resolution No. R-45-21 would approve the Third Amendment to Task Order No. 3 to include several items to the Design Phase Services of the Task Order:</p> <p>Greeley and Hansen's proposal, dated August 24, 2021, includes several items Staff has added to the scope of work which Staff has determined to be necessary for a fully functional system, including: providing an alternate power source for existing and future generator controls, additional conduits and raceways for future security systems, walling up a doorway which is no longer useful, modifying the proposed HVAC system to include the Generator Control Room, the addition of plumbing piping and fixtures for roof top maintenance and developing a specification for 3rd party independent system commissioning.</p> <p>Regarding the retrofit of generator controls in switchgear to CAT (Caterpillar), the existing original generator controls system, installed in 2010, is outdated and in some</p>			

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Facilities Construction
ITEM	<p>A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Greeley and Hansen at the September 16, 2021, DuPage Water Commission Meeting</p> <p>Resolution No. R-45-21</p>	APPROVAL	
<p>instances no longer supported. Staff would like to install Caterpillar's generator control system and eventually incorporate the new CAT control system into the pre-existing CAT Generator warranty and maintenance program and have the ability to locally source all of the maintenance to Altorfer Industries in Addison.</p> <p>This Task Order Amendment will provide design review and guidance by Greeley and Hansen at the negotiated cost of the additional services at \$31,829.00, for a revised cost not-to-exceed \$634,225.00. The Greeley and Hansen work schedule remains unchanged.</p>			
MOTION: To adopt Resolution No. R-45-21.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-45-21

A RESOLUTION APPROVING AND RATIFYING CERTAIN
TASK ORDERS UNDER A MASTER CONTRACT WITH
GREELEY AND HANSEN AT THE SEPTEMBER 16, 2021
DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Greeley and Hansen (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, pursuant to Resolution No. R-18-20, the Commission approved Task Order No. 3 to the Master Contract for Professional Engineering Services for the DuPage Water Commission; and

WHEREAS, The Commission and Consultant entered into a First Amendment to Task Order No. 3, approved pursuant to Resolution No. R-36-20, adopted on September 17, 2020 to add IEPA Air Quality Permitting assistance, and increase the not-to-exceed cost of the services; and

WHEREAS, The Commission and Consultant entered into a Second Amendment to Task Order No. 3, approved pursuant to Resolution No. R-7-21, adopted on January

21, 2021 to add Design and Bidding Services, and increase the not-to-exceed cost of the services; and

WHEREAS, the Commission and Consultant desire to further amend Task Order No. 3 to the Master Contract to add to the scope of final design services and to increase the not-to-exceed of the services, the Board of Commissioners of the DuPage Water Commission hereby finding and determining, based upon the representations of Staff and Consultant that the circumstances said to necessitate the changes were not reasonably foreseeable at the time Task Order No. 3 was signed, the changes are germane to the Task Order as signed, and/or the changes are in the best interest of the DuPage Water Commission and authorized by law; and

WHEREAS, the Consultant has approved the Third Amendment to Task Order No. 3 attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1;

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 third Amendment to Task Order No. 3 attached hereto as Exhibit 1 shall be and hereby is approved.

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.

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2021.

Chairman

ATTEST:

Clerk

EXHIBIT 1

THIRD AMENDMENT TO TASK ORDER NO. 3

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Greeley and Hansen (“Consultant”), for Professional Engineering Services dated June 19, 2013 (the “Contract”), Owner and Consultant agree to amend, effective September 17, 2021, Task Order No. 3 to the DuPage Water Commission’s Emergency Generation System Modifications at the DuPage Pumping Station, as previously amended by a First Amendment dated as of September 17, 2020 and as previously amended by a Second Amendment dated as of January 22, 2021 (collectively Task Order No. 3) as follows:

1. **Project:**

Engineering services in connection with the DuPage Water Commission’s Emergency Generation System Modifications, based upon Greeley and Hansen’s proposal dated March 5, 2020, and Design and Bidding Services based upon Greeley and Hansen’s Emergency Generation System Modifications Technical Memorandum dated November 2020, and as modified by Greeley and Hansen’s proposal dated August 24, 2021.

2. **Services of Consultant:**

Section 2.C, entitled “Final Design Phase,” of Task Order No. 3 shall be amended for additional Design Services as follows:

Architectural –

Remove large double door and exterior wall infill in Disinfection Building Room 124

Mechanical –

Extend HVAC system to the Generator Control Room
Develop a Commissioning Specification

Plumbing –

Addition of wall hydrants for upper and lower roof

Electrical –

Alternate UPS Power to Generator Breakers
Addition of pull boxes/conduit for future surveillance system expansion

Instrumentation –

Retrofit generator controls in switchgear to CAT”

3. **Contract Price:**

Section 8, entitled "Contract Price" of Task Order No. 3 shall be amended in its entirety so that said Section 8 shall hereafter be and read as follows:

"8. Contract Price:

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs times the following factor set forth 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:

<u>Phase</u>	Direct Labor Cost <u>Factor</u>	<u>Not to Exceed</u>
Study and Report	3.15	\$84,397
Preliminary Design	3.15	\$228,948
<i>Final Design</i>	3.15	\$304,348
Bidding	3.15	\$15,595
Other Direct Costs (ODC)	-	\$937
	<i>Total All Phases</i>	<hr/> \$634,225

Notwithstanding the foregoing, the total Contract Price shall be increased by \$31,829.00 to a total not to exceed sum of \$634,225.00. The contact price maybe adjusted by a Change Order issued pursuant to Section 2.1 of the Contract."

In all other respects, Task Order No. 3 to the Contract shall remain in full force and effect, and Task Order No. 3 to the Contract shall be binding on both parties as hereinabove amended.

The Effective Date of this Task Order is September 17, 2021.

DuPAGE WATER COMMISSION

By: _____

John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: R. Christopher Bostick
Title: Facilities Construction Supervisor/Safety Coordinator
Address: 600 East Butterfield Road, Elmhurst, Illinois 60126-4642
E-mail Address: bostick@dpwc.org
Phone: (630) 834-0100
Fax: (630) 834-0120

GREELEY AND HANSEN LLC

By: _____




Joe Dinkel, P.E.
Manager, MEPIC Group

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Glen Johnson
Title: Project Manager
Address: 100 S Wacker Dr., Chicago, IL 60606
E-mail Address: gjohnson@greeley-hansen.com
Phone: (312) 489-3065
Fax: (312) 558-1006

DATE: September 16, 2021

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 Lockwood, Andrews & Newnam, Inc. at the September 16, 2021 DuPage Water Commission Meeting. Resolution No. R-46-21	APPROVAL   	
Account No.: 01-60-761000			
<p>The Commission previously entered into Master Contracts with 28 consulting firms for professional engineering services. Each firm advised the Commission of which engineering disciplines they would be interested in providing for the Commission. Using this listing as a guide, Staff requested proposals from four (4) of these firms for Study and Report Service to determine the feasibility of constructing potential improvements to the Commission's water pumping, distribution, and storage systems.</p> <p>Staff also met with each of the four (4) potential consultant firms to review and discuss the scope of the project in detail and Staff also provided applicable data to assist the potential consultants prepare their proposals.</p> <p>Commission staff received three (3) proposals, as reviewed by Staff and based on the strength of their submittal (project understanding, project approach, schedule and team), Staff recommends acceptance of the proposal submitted by Lockwood, Andrews & Newnam, Inc. (LAN) as the most favorable to the Commission, in the amount of \$81,000.00 to provide a Feasibility Study for Standpipe Pumping-Electrical Generation-Disinfection Facilities.</p> <p>Resolution No. R-46-21 would approve Task Order No. 01 to the Master Contract with Lockwood, Andrews & Newnam, Inc.</p>			
MOTION: To adopt Resolution No. R-46-21.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-46-21

A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH
LOCKWOOD, ANDREWS & NEWNAM, INC. AT THE
SEPTEMBER 16, 2021, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Lockwood, Andrews & Newnam, Inc. (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 substantially in the form as 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

Resolution No. R-46-21

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.

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2021.

Chairman

ATTEST:

Clerk

EXHIBIT 1

TASK ORDER NO. 1

In accordance with Section 1.1 of the Master Contract for Professional Engineering Services dated May 21, 2013, Owner and Consultant agree as follows:

1. **Project:**

Provide a Feasibility Study for Standpipe Pumping-Electrical Generation-Disinfection Facilities, based upon Lockwood, Andrews & Newnam, Inc. proposal dated August 9, 2021.

Feasibility Goals and Objectives:

Determine the feasibility of installing a pumping system and associated controls at four (4) standpipes and modifying the existing 5th single standpipe pumping system to:

- enable near complete evacuation of the water in each standpipe by returning the water to the Commission's transmission system;
- enhance water quality and minimize water waste during routine maintenance inspections of the standpipe interiors;

Determine the feasibility of installing fixed permanent electrical generation facilities to support all electrical demands including pumping operations for each standpipe;

Determine the feasibility of installing a re-chlorination system at each tank site in efforts to maintain a minimum of 0.5 ppm free chlorine residual throughout the Commission's transmission and distribution system;

Determine alternatives for tank water destratification strategies including bubblers, mixers, pumps, etc.

2. **Services of Consultant:**

A. Basic Services:

1. **Task 1 - Coordination and Meetings:**

- A. Participate in the kickoff and up to two (2) progress meetings;
- B. Conduct meetings and field investigations with DWC staff.

2. **Task 2- Existing Facility and Site Information:**

- A. Obtain and use DWC data for study evaluation;

- B. Obtain DWC Drawing of Record with elements such as tank and piping elevations, site grades, electrical, mechanical and instrumentation information and other applicable information as necessary;
- C. Obtain water quality data, and specifically chlorine residual history;
- D. Obtain electrical utility information;
- E. Prepare a composite site plan with topography, structure line work, spot elevations, utility and property information.

3. **Task 3 - Pump Capacity:**

- A. Based on information in Task 2, determine potential station pumping capacities and options;
- B. Identify a pump station layout and flow rate to maximize the capacity of the system;
- C. Prepare a Technical Memorandum summarizing the pumping system options.

4. **Task 4- Station Evaluation:**

- A. Determine requirement of station sub and superstructures including safety requirements and best practices;
- B. Evaluate electrical and pump control systems including means and methods of electrical generation;
- C. Evaluate re-chlorination facilities;
- D. Assess potential for flooding of the station;
- E. Evaluate station mechanical systems, including discharge piping and ventilation;
- F. Identify options to maximize pumping and minimize capital and operational costs;
- G. Identify options for tank mixing.

5. **Task 5- Feasibility Report:**

- A. Prepare draft report of findings, recommendations and cost estimates;
- B. Participate in review meeting with Owner's staff;

- C. Prepare final report of findings.

Exclusions: (Not included in proposed project scope. LAN is available to address or assist the DWC with these activities as supplemental project scope if required.)

- A. Soils Exploration
- B. Stormwater Permitting (Local, Municipal or DuPage County)
- C. Wetland Investigations
- D. Environmental Assessments
- E. Participation in Zoning Revisions or Amendments
- F. SCADA Programing (Assumed to be by DWC's SCADA vendor during final design and construction)

- B. Additional Services:

None

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

None

- 4. **Commencement Date:**

Effective Date of This Task Order

- 5. **Completion Date:**

- A. 120 days following the Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the

Contract.

* Days exclude Owner's Review Periods

6. **Submittal Schedule:**

- A. Task 2 – Site Information: 6 weeks from Notice to Proceed (NTP)
- Task 3 – Pump Capacity: 8 weeks from NTP
- Task 4 – Station Evaluation: 12 weeks from NTP
- Task 5 – Draft Report: 14 weeks from NTP
- Final Report 18 weeks from NTP

7. **Key Project Personnel:**

- A. J. Warren Green, PE
- James Holzapfel, PE
- Jim Dean, PE, PMP
- Sam LePore

8. **Contract Price:**

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs times the following factor set forth 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:

Task	Cost
Task 1	\$7,750.00
Task 2	\$21,000.00
Task 3	\$22,750.00
Task 4	\$19,750.00
Task 5	\$9,250.00
Direct Costs	\$500.00
Total	<hr/> <hr/> \$81,000.00

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. **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 September 17, 2021.

DuPAGE WATER COMMISSION

By: _____

John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Denis Cuvalo

Title: Coordinating Engineer

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

E-mail Address: cuvalo@dpwc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

Lockwood, Andrews & Newnam, Inc.

By: _____

J. Warren Green, PE
Vice President, Chief Engineer

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: J. Warren Green, PE

Title: Vice President, Chief Engineer





Address: 1 Oakbrook Terrace, Suite 300, Oakbrook Terrace, IL 60181

E-mail Address: jwgreen@lan-inc.com

Phone: 630-495-4123

Fax: 630-495-4288

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering & Construction Committee	ORIGINATING DEPARTMENT Instrumentation/ Remote Facilities						
ITEM A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-9/20 at the September 16, 2021, DuPage Water Commission Meeting Resolution No. R-47-21	APPROVAL    						
<p>Account Numbers: 01-60-663300 (Estimated Cost \$2,850.00)</p> <p>The Commission entered into certain agreements dated January 21, 2021, with McWilliams Electric Co. Inc., FSG Inc. and Courtesy Electric Inc. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-47-21 would approve the following Work Authorization Order under the Quick Response Electrical Contract.</p> <p>Work Authorization Order No. 007: This work authorization is for FSG, Inc., to install a new conduit path from the footing drain vault to the footing drain controller at meter station 22A in Willowbrook. Install new wiring and terminate to existing control floats. The existing wiring for the control floats has failed and cannot be used or pulled out of the conduit that was poured into the foundation slab when the structure was built. Staff solicited cost estimates from the three QRE-9/20 contractors, see the table below:</p> <table border="1" data-bbox="435 1400 1182 1566"> <tr> <td>Courtesy Electric Inc.</td> <td>\$ N/A</td> </tr> <tr> <td>FSG, Inc.</td> <td>\$2,850.00</td> </tr> <tr> <td>McWilliams Electric Co. Inc.</td> <td>\$4,250.00</td> </tr> </table> <p>Approval of Resolution R-47-21 would approve Work Authorization Order No. 007 to FSG, Inc. at an estimated cost of \$2,850.00.</p>		Courtesy Electric Inc.	\$ N/A	FSG, Inc.	\$2,850.00	McWilliams Electric Co. Inc.	\$4,250.00
Courtesy Electric Inc.	\$ N/A						
FSG, Inc.	\$2,850.00						
McWilliams Electric Co. Inc.	\$4,250.00						
<p>MOTION: To adopt Resolution No. R-47-21.</p>							

DuPAGE WATER COMMISSION

RESOLUTION NO. R-47-21

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-9/20
AT THE SEPTEMBER 16, 2021, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated January 21, 2021, with McWilliams Electric Co. Inc., FSG Inc. and Courtesy Electric Inc. for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-9/20"); and

WHEREAS, Contract QRE-9/20 is designed to allow the Commission to direct one or more or all of the quick response electrical contractors to perform emergency electrical work, including without limitation electrical work that the Commission is unable to perform through its own personnel and with its own equipment, as needed through the issuance of Work Authorization Orders;

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

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

SECTION TWO: The Work Authorization Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the

Resolution No. R-47-21

DuPage Water Commission has determined, based upon the representations of staff, that the circumstances said to necessitate the Work Authorization Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are germane to the original contracts as signed, and/or the Work Authorization 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 the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this ____ day of _____, 2021.

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-9/20: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-9.007

LOCATIONS:

Meter Station 22A, Willowbrook Public Works, Willowbrook

CONTRACTOR:

FSG, Inc.

DESCRIPTION OF WORK:

Install new 3/4" ridged conduit from Footing Drain Vault through foundation wall into station then up to footing pump controller. Core appropriate size hole through 12" thick foundation wall. Mount new NEMA 4X J-Box inside footing drain vault with two watertight strain reliefs on bottom for two floats. Install Qty 4, 14ga XHHW-2 wire between footing pump controller and J-Box and terminate to floats and in controller. Seal penetration through wall and around J-box. Remove existing wiring if possible or abandon in conduit. Remove existing J-Box and permanently seal conduit in footing drain vault.

REASON FOR WORK:

Existing wiring and J-Box badly corroded and wires burnt. Not able to pull through existing conduit that was poured in foundation when structure was built.

MINIMUM RESPONSE TIME:

None

COMMISSION-SUPPLIED MATERIALS, EQUIPMENT AND SUPPLIES TO BE INCORPORATED INTO THE WORK:

Qty 2 Floats

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY EMERGENCY WORK

SUBMITTALS REQUESTED:

None

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:
Owner has designated Footing Drain Vaults as a Permit Required Confined Space due to limited means of ingress and egress and not designed for continuous occupancy.

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:
None

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:




By: _____
Signature of Authorized
Representative

Safety Rep: _____
Name and 24-Hr Phone No.

DATE: _____

DATE: September 7, 2021

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Instrumentation / Remote Facilities
ITEM	A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC at the September 16, 2021 DuPage Water Commission Meeting Resolution No. R-48-21	APPROVAL	  
Account No.: 01-60-629000 (Total Not to Exceed \$15,765.00)			
<p>The Commission entered into a master contract with Northern Inspection Services, LLC 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-48-21 would approve the following Task Orders to the Master Contract:</p> <p>Task Order No. 01: Check Performance of Polarization Cell Replacement (PCR) Devices</p> <p>Task Order No. 01 would authorize the consultant to inspect and test the performance of the PCR devices to confirm they are providing DC decoupling and AC continuity/grounding to the valve actuator's on the distribution system piping at 28 of the remotely operated valves (ROV) control cabinets. A report summarizing the inspection with as found and as left conditions will be provided to the Commission for review. The Commission has two spare PCR devices for the consultant to carry so if defective PCR devices are found they have the ability to replace two of them as they go without making a return trip.</p> <p>The not to exceed cost for this Task Order is \$8,765.00 and includes testing, replacing up to two PCR devices and summary report.</p> <p>Task Order No. 02: Quarterly Inspection and Testing of Reverse Current Switch Controllers</p> <p>Task Order No. 02 would authorize the Consultant to perform an inspection and testing of the 90" and 72" reverse current switch controllers once each quarter over the next year. This includes testing fuses and hour meters, and replacing as needed, and confirm system is operating as designed. This system is designed to drain current back to the Chicago Transit Authority rail system instead of the pipeline to mitigate corrosion. The Commission will provide the fuses and hour meters to facilitate the repairs by the</p>			

Resolution No. R-48-21

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Instrumentation / Remote Facilities
ITEM	<p>A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Northern Inspection Services, LLC at the September 16, 2021 DuPage Water Commission Meeting</p> <p>Resolution No. R-48-21</p>	APPROVAL	
<p>consultant. In addition the Consultant will perform a one time electrical continuity test of the bond cables to the 90" and 72" pipe lines and provide a sperate report of the findings.</p> <p>The not to exceed cost for this Task Order is \$6,910.00 and includes the inspection, testing, minor maintenance and quarterly reports for one year.</p>			
MOTION: To adopt Resolution No. R-48-21.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-48-21

A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH NORTHERN INSPECTION SERVICES, LLC
AT THE SEPTEMBER 16, 2021 DuPAGE WATER COMMISSION MEETING

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 (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

Resolution No. R-48-21

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.

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2021.

Chairman

ATTEST:

Clerk

EXHIBIT

TASK ORDER NO. 01

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:**

Evaluate and check performance of the Polarization Cell Replacement (PCR) devices installed at all Remotely Operated Valve (ROV) control cabinets.

2. **Services of Consultant:**

A. Basic Services:

1. Inspect and test PCR devices to confirm they are providing DC decoupling and AC continuity/grounding to the valve actuator on the distribution system piping at each of the 28 ROV sites.

ROV1A	GRACE ST AND WINTHROP AVE	ADDISON
ROV2A	CHURCH RD BTWN RED OAK AVE & CREST AVE	BENSENVILLE
ROV7A	75TH ST AND FAIRVIEW AVE	DARIEN
ROV8A	BUTTERFIELD RD AND GRAY AVE	DOWNERS GROVE
ROV8B	LEE AVE AND MAPLE AVE	DOWNERS GROVE
ROV8C	55TH ST AND PARK AVE	DOWNERS GROVE
ROV10B/C	RANDOLPH ST AND WEST AVE	ELMHURST
ROV10D	FRONTAGE RD AND AVERY ST	ELMHURST
ROV11A	1681 BLOOMINGDALE RD	GLENDALE HEIGHTS
ROV14A	GRACE ST AND GREAT WESTERN TRAIL	LOMBARD
ROV14B	BUTTERFIELD RD AND FAIRFIELD AVE	LOMBARD
ROV15A	NAPERVILLE RD AND FAIRMEADOW LN	NAPERVILLE
ROV15B	WARRENVILLE RD AND NAPERVILLE RD	MILTON TWP
ROV15D	75th ST 1/2 MILE EAST OF BOOK RD	NAPERVILLE
ROV16A	BUTTERFIELD RD AND MEYERS RD	OAK BROOK
ROV17A	BUTTERFIELD RD AND MARSHAL RD	OAK BROOK TERRACE
ROV18A	ROSELLE RD AND CENTRAL AVE	ROSELLE
ROV19A	RIORDAN RD AND CORNELL AVE	VILLA PARK
ROV21A	PRESIDENT ST AND DALY RD	WHEATON
ROV21B	NAPERVILLE RD AND BUTTERFIELD RD	WHEATON
ROV22A	6944 KINGERY HWY	WILLOWBROOK

ROV24A	75TH ST AND GREEN RD	WOODRIDGE
ROV25A	ROHLWING RD AND IRVING PARK RD	ITASCA
ROV26A	MAIN ST AND GREAT WESTERN TRAIL	GLEN ELLYN
ROV29A	BUTTERFIELD RD AND WINFIELD RD	WINFIELD TWP
ROV40A	MANNHEIM RD AND ILLINOIS PRAIRIE PATH	BELLWOOD
ROV43A	2848 INDIAN JOE DR	BROADVIEW
ROV45A	8311 ROOSEVELT RD	FOREST PARK

2. Prepare, for review and approval by Owner, a report summarizing the inspection with as found and as left conditions. Summarize results of data obtained, evaluation of data obtained, and recommendations.

B. Additional Services:

Repair/replace any PCR installation that are found defective. The Commission has two spare PCR devices available.

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

None

4. **Commencement Date:**

September 17, 2021

5. **Completion Date:**

210 days following Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Names:

Telephone:

Ron Turner

(630) 399-3212

8. **Contract Price:**

For providing, performing, and completing all Services, an amount equal to Consultant's Direct Labor Costs times a factor of 2.5 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.

Notwithstanding the foregoing, the total Contract Price shall not exceed \$8,765.00 except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. **Payments:**

For purposes of payments to Consultant, the value of the Services under this Task Order shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

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 including those used for confined space entry, reproduction, contracted personnel, 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 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 Owner's facilities and appurtenances, and shall:

- i. Independently verify the presence or absence of AC electrical current on or in the vicinity of 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/Clarifications:**

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 17, 2021.

DuPAGE WATER COMMISSION

By: _____

John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: John Schori

Title: Instrumentation / Remote Facilities Supervisor

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

E-mail Address: schori@dpwc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

NORTHERN INSPECTION SERVICES, LLC

By: _____
Name
Title

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. 02

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:**

Provide quarterly inspection and testing of the 90" and 72" Reverse Current Switch Controllers at the Reverse Current Switch Building located at 750 Des Plaines Ave., Forest Park, IL.

2. **Services of Consultant:**

A. Basic Services:

1. Visual inspection of controllers, test fuses and replace as needed, confirm hour meters are working and replace as needed, and confirm system is operating as designed.
2. Prepare, for review and approval by Owner, a report summarizing the inspection with as found and as left conditions. Summarize results of data obtained, evaluation of data, and recommendations.

B. Additional Services:

One-time electrical continuity test of the bond cables to the railroad and to the 90" and 72" pipelines. To be completed as necessary. Estimated 1-2 days to complete. Consultant to provide a report of the findings.

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

None

4. **Commencement Date:**

September 17, 2021

5. **Completion Date:**

365 days following Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Names:

Telephone:

Ron Turner

(630) 399-3212

8. **Contract Price:**

For providing, performing, and completing all Services, an amount equal to Consultant's Direct Labor Costs times a factor of 2.5 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.

Notwithstanding the foregoing, the total Contract Price shall not exceed \$6,910.00 except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. **Payments:**

For purposes of payments to Consultant, the value of the Services under this Task Order shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant personnel, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

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 including those used for confined space entry, reproduction, contracted personnel, 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 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 Owner's facilities and appurtenances, and shall:

- i. Independently verify the presence or absence of AC electrical current on or in the vicinity of 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/Clarifications:**

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 17, 2021.

DUPAGE WATER COMMISSION

By: _____
John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: John Schori

Title: Instrumentation / Remote Facilities Supervisor

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

E-mail Address: schori@dpwc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

NORTHERN INSPECTION SERVICES, LLC

By: _____
Name
Title

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