



DuPage Water Commission

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

NOTICE IS HEREBY GIVEN THAT THE FEBRUARY REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD ON THURSDAY, FEBRUARY 20, 2020, AT 600 EAST BUTTERFIELD ROAD, ELMHURST, ILLINOIS 60126. THE AGENDA FOR THE FEBRUARY 2019 REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING IS AS FOLLOWS:

AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, FEBRUARY 20, 2020**

5:30 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 January 16, 2020 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-11-20:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-11/17 **(WAO No. 16 – John Neri Construction, Co. – Estimated at \$37,200.00)**
- V. **R-13-20:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Stanley Consultants, Inc. **(Task Order No. 1 – Estimated at \$13,330.00)**
- VI. **R-14-20:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Christopher B. Burke Engineering, Ltd. **(Task Order No. 1 – Estimated at \$48,000.00)**
- VII. **RFBA:** To Approve a Modification to the Previously Approved R-32-19. **(Rossi Contractors, Inc, for a new estimate of \$63,000.00)**

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.

VIII. Old Business

IX. Other

X. Adjournment

Agendas\Engineering\2020\Eng2002.docx

**MINUTES OF THE MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, JANUARY 16, 2020
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 6:00 P.M.

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

Committee members absent: F. Saverino and J. Zay

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

Commissioner Bouckaert moved to approve the Minutes of the November 21, 2019 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Novotny unanimously approved by a roll vote.

Ayes: D. Bouckaert, J. Fennell, and D. Novotny

Nays: None

Absent F. Saverino and J. Zay

Regarding R-1-20, Facilities Construction Supervisor Bostick advised the Committee that five (5) bids were received for a 3-year Janitorial Contract and Staff is recommending the award to Multisystem Management Company as the lowest responsible bidder.

Regarding R-2-20, Facilities Construction Supervisor Bostick reminded the Committee that in November 2019 the Board gave authorization for the General Manager to extend the current Electrical Supply Agreement, with Constellation Energy Services, when pricing became the most advantageous for the Commission. Facilities Construction Supervisor Bostick advised the Committee that R-2-20 ratifies the agreement as executed by the General Manager.

Regarding R-6-20, Facilities Construction Supervisor Bostick advised the Committee that the action would approve QRE-8/17 Contract Work Authorization Order No. 016 for the relocation, by a qualified electrician, of certain instrumentation from the interior to the exterior of an electrical panel which contains hazardous voltages which can't be controlled.

Regarding R-7-20, Facilities Construction Supervisor Bostick advised the Committee the action would approve Task Order No. 02 with Baxter and Woodman, Inc. to perform evaluation, design, build and training services for a SCADA Cellular Backhaul System.

Facilities Construction Supervisor Bostick advised the Committee the Valve Stem Replacement project (VSR-2/19) is on schedule for installation work commencing in the spring.

Regarding R-8-20, Facilities Construction Supervisor Bostick advised the Committee the action would approve QR-11/17 Contract Work Authorization Order No. 015 for exploratory excavation work to determine the source of water surfacing on 55th Street in the Village of Downers Grove as requested by DuPage County as the Authority Having Jurisdiction over 55th Street. The completed work determined the water source as an

Engineering Committee Minutes 01/16/2020

abandoned storm sewer and Staff will be seeking repayment of the Commission incurred expenses from DuPage County.

Facilities Construction Supervisor Bostick advised the Committee the work on the DuPage Pump Station Sodium Hypochlorite System Improvements (Contract PSD-8/19) has commenced and is in a pre-mobilization phase.

Regarding R-3-20, Facilities Construction Supervisor Bostick advised the Committee the action would award the Contract for the Construction of Tank Site Improvements (Contract SS-9/19) to Rossi Contractors, Inc. as the lowest responsible bidder.

Regarding R-4-20, Facilities Construction Supervisor Bostick advised the Committee the action would extend of Materials Testing Contract MT-11/18, with Construction and Geotechnical Materials Testing, Inc. (CGMT) for one (1) additional year; and, that CGMT had performed satisfactorily for the Commission and also has agreed to hold their 2018 pricing through March of 2021.

Regarding R-5-20, Facilities Construction Supervisor Bostick advised the Committee that the 1st Amendment to Task Order No. 3 with Strand Associates, Inc. is to provide surveying and other services at Tank Site No. 4 in Lisle Township. Staff has discovered that several abutting property owners have encroached on Commission property where Strand will locate the property lines and place posts for 'no trespassing' signage.

Facilities Construction Supervisor Bostick advised the Committee the bid opening for the Contract for the Construction of DuPage Pump Station Sodium Hypochlorite System Improvements (Contract PSD-8/19) was held on November 6th and R-46-19 recommends the award of the contract to Independent Mechanical Industries, Inc. in the Lump Sum amount of \$864,200.00.

Facilities Construction Supervisor Bostick advised the Committee that Corollo Engineers has submitted their draft basis of design report for the proposed SCADA improvements where Staff is reviewing the draft report and will be providing commentary to the engineer for clarifications.

Facilities Construction Supervisor Bostick also advised the Committee that the Water System Risk & Resilience Assessment Project continues in the risk evaluation phase; is anticipating completion in March; and, upon completion of the evaluation phase, the final report will be utilized to update the Emergency Response Plan.

Chairman Fennell inquired with the Committee if there were any questions regarding the action items. Hearing none, Commissioner Bouckaert moved to recommend approval of items 2 through 9 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Novotny and unanimously approved by a roll call vote.

Ayes: D. Bouckaert, J. Fennell, and D. Novotny

Nays: None

Absent F. Saverino and J. Zay

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

Engineering Committee Minutes 01/16/2020

General Manager Spatz updated the Committee on the status of the Illinois Tollway Authority's planned expansion of highway 294 and the major financial impacts that may be realized by the Commission from the highway expansion. General Manager Spatz advised the Committee that \$10M is being set aside in the Capital Improvement Budget should it be needed.

With no other items coming before the Committee, Commissioner Bouckaert moved to adjourn the meeting at 6:17 P.M. Motion seconded by Commissioner Novotny and unanimously approved by a roll call vote.

Ayes: D. Bouckaert, J. Fennell, and D. Novotny

Nays: None

Absent F. Saverino and J. Zay

SP2013/MINUTES/ENGINEERING/2020/ENG200116.doc



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Mike Weed
Operations Supervisor

Ed Kazmierczak Pipeline Supervisor
Chris Bostick Facilities Construction Supervisor
John Schori Instrumentation Supervisor
Frank Frelka GIS Coordinator
Alan Stark Coordinating Engineer
Denis Cuvalo Coordinating Engineer

DATE: February 12, 2020

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of January were a total of 1.99 billion gallons. This represents an average day demand of 64.3 million gallons per day (MGD), which is higher than the January 2019 average day demand of 63.1 MGD. The maximum day demand was 70.4 MGD recorded on January 20, 2020, which is lower than the January 2019 maximum day demand of 79.1 MGD. The minimum day flow was 58.5 MGD.

The Commission's recorded total precipitation for the month of January 2020 was 1.14 inches compared to .86 inches for January 2019. The level of Lake Michigan for January 2020 is 581.56 (Feet IGLD 1985) compared to 580.09 (Feet IGLD 1985) for January of 2019.

Water Conservation

Ongoing: Staff worked with the Villages of Clarendon Hills and Westmont on the design of the Richmond Education Gardens & Apiary underground cistern system that the Commission helped sponsor. All underground work, including the installation of the cistern, has been completed. The permeable brick paver installation was about 90% complete before the colder weather occurred. The brickwork will be finished in the spring. They are preparing to install the pergola (outdoor classroom), entry bridge, and landscaping in early summer. They already have several scouting troops and a middle

school eco-club tentatively scheduled to visit the Gardens for education programming in spring.

Instrumentation / Remote Facilities Overview

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

Resolution R-32-19 was previously approved to repair or replace the valve gear box on a 72" butterfly valve in a vault at ROV10D. The original estimate was \$25,000.00, but now that work began to replace this gear box additional unforeseen parts and work are needed. The new estimate is now \$63,000.00.

Work Authorization Order No. 016, under the Quick Response Electrical Contract QRE-8/17, to Volt Electric Inc. was approved last month. Volt Electric has parts on order and will be scheduling the work to be completed before the end of February.

Task Order No. 2 to Baxter & Woodman for the design and implementation of a cellular backup system for SCADA data was approved last month. The Task Order was fully executed, and the contractor is working on the initial design and schedule.

Pipeline Maintenance and Construction Overview

Pipeline staff continues inspection and repair work on distribution system blow off valves.

Work under Contract VSR-2/19 (Fabrication of Valve Stem Risers) is ongoing. Staff will begin installation work in the Spring of 2020.

Resolution R-11-20 appears on the agenda as a resolution authorizing Work Authorization Number 16 under Contract QR-11/17 to John Neri Construction Co, Inc., for the work necessary to conduct exploratory excavation on a Commission blow off valve located at Illinois Route 83 and 35th Street in the City of Oak Brook. Water has been observed on the surface in the vicinity of this valve, and tests to determine its source have been inconclusive. Therefore, Staff wishes to conduct exploratory excavation in order to inspect the valve for signs of leaking.

Capital Improvement Program

The Contract for the Construction of DuPage Pump Station Sodium Hypochlorite System Improvements (Contract PSD-8/19) is ongoing. The Contract Completion Date is September 28, 2020. The project includes replacement and upgrading of chemical storage and feed equipment, containment finishes, process piping, and wall finishes which are deteriorating naturally due to age and environmental conditions.

The Contract for the Construction of Tank Site Improvements and Meter Station 26B (Contract SS-9/19) has been executed and the preconstruction conference has been held. The project includes replacement and safety upgrading of control vault structures,

improvement overland drainage, rehabilitation and improvement security fencing and the rehabilitation and addition of paved surfaces.

R-13-20 appears on the agenda seeking approval of a Task Order with Stanley Consultants, Inc. to perform a study and provide a report on the economic feasibility of installing a Photovoltaic System at the DuPage Pumping Station.

R-14-20 appears on the agenda seeking approval of a Task Order with Christopher B. Burke Engineering, Ltd. to perform a study and provide a report on the feasibility of installing new and modified pumping systems, emergency electrical generation and re-chlorination facilities at the four (4) Commission Take Sites.

The SCADA Project is on schedule, the SCADA Draft Design is currently under review by Commission staff. Once comments are submitted to Carollo they will have roughly one month for revisions before submitting the Final Design Memo. Once the Final Design Memo is accepted the project will proceed on schedule to the Detailed Design Phase.

The USEPA's Water System Risk & Resilience Assessment Project's draft report is to be submitted to DWC by AECOM the week of 2/19/2020 for review. The final report is due March 31, 2020, then followed by an updated Emergency Response Plan due September 30, 2020. In part of the Risk and Resiliency Plan, the Crisis Communication Plan Draft was reviewed. The final Communication Plan will be incorporated in the Emergency Response Plan.

JANUARY 2020 COMMISSION AGENDA ITEMS:

- R-11-20:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-11/17 **(WAO No. 16 – John Neri Construction, Co. – Estimated at \$37,200.00)**
- R-13-14:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Stanley Consultants, Inc. **(Task Order No. 1 – Estimated at \$13,330.00)**
- R-14-14:** A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with Christopher B. Burke Engineering, Ltd. **(Task Order No. 1 – Estimated at \$48,000.00)**
- RFBA:** To Approve a Modification to the Previously Approved Resolution R-32-19. **(WAO No. 12 – Rossi Contractors, Inc. – New Estimate of \$63,000.00)**

Attachments

1. DuPage Laboratory Bench Sheets for January 2020
2. Water Sales Analysis 01-May-2016 to 31-January - 2020
3. DuPage Water Commission Chart Sales vs. Historical Average

4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2020/200212.docx>

DUPAGE WATER COMMISSION
PWS FACILITY ID# - IL435400
MONTHLY OPERATIONS REPORT
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET RESULTS
JANUARY 2020

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	1.10	0.08	0.50	0.91	0.08	53	7.6	0.8	0.53	0	KD
2	0.95	0.07	0.56	0.86	0.08	54	7.7	0.9	0.58	0	KD
3	0.97	0.07	0.55	0.89	0.08	54	7.7	0.8	0.56	0	KD
4	1.00	0.08	0.50	0.84	0.10	53	7.6	0.8	0.55	0	AM
5	1.00	0.08	0.46	0.86	0.09	53	7.6	0.8	0.53	0	AM
6	0.96	0.07	0.47	0.92	0.10	54	7.6	0.8	0.49	0	AM
7	0.99	0.06	0.60	0.86	0.08	54	7.6	0.7	0.65	0	KD
8	1.00	0.08	0.60	0.95	0.09	54	7.6	0.8	0.58	0	AM
9	0.98	0.07	0.59	0.93	0.08	54	7.6	0.8	0.59	0	AM
10	0.95	0.08	0.57	0.89	0.09	54	7.6	0.9	0.54	0	AM
11	1.00	0.08	0.56	0.87	0.09	54	7.6	0.8	0.55	0	KD
12	1.00	0.06	0.45	0.89	0.08	52	7.6	0.9	0.56	0	KD
13	0.99	0.07	0.51	0.88	0.09	53	7.6	0.8	0.58	0	AM
14	1.04	0.07	0.49	0.98	0.09	52	7.6	0.8	0.50	0	RC
15	0.99	0.06	0.48	0.94	0.09	52	7.7	0.8	0.48	0	KD
16	0.98	0.07	0.55	0.90	0.10	53	7.7	0.7	0.53	0	KD
17	0.96	0.06	0.56	0.88	0.08	52	7.7	0.8	0.61	0	KD
18	1.00	0.06	0.56	0.97	0.07	51	7.7	0.8	0.58	0	KD
19	1.04	0.06	0.47	0.86	0.08	52	7.7	0.8	0.54	0	RC
20	1.00	0.07	0.49	0.82	0.08	52	7.7	0.8	0.55	0	KD
21	1.20	0.07	0.52	0.80	0.08	51	7.7	0.7	0.60	0	KD
22	1.10	0.08	0.65	0.98	0.08	52	7.7	0.9	0.54	0	CT
23	1.00	0.07	0.49	0.83	0.09	54	7.7	0.8	0.48	0	CT
24	1.00	0.07	0.41	0.89	0.09	52	7.8	0.9	0.50	0	CT
25	1.01	0.07	0.51	0.91	0.08	52	7.7	0.9	0.51	0	RC
26	1.00	0.07	0.51	1.00	0.08	53	7.7	0.9	0.58	0	RC
27	1.04	0.08	0.44	0.89	0.09	52	7.7	0.9	0.50	0	CT
28	1.09	0.09	0.44	0.83	0.09	50	7.7	0.9	0.41	0	CT
29	0.95	0.07	0.50	1.01	0.09	50	7.7	0.9	0.56	0	RC
30	1.07	0.07	0.49	0.96	0.08	50	7.7	0.9	0.53	0	RC
31	0.97	0.07	0.49	0.98	0.08	49	7.6	0.8	0.53	0	RC
AVG.	1.01	0.07	0.52	0.90	0.09	52	7.7	0.8	0.54	0	
MAX.	1.20	0.09	0.65	1.01	0.10	54	7.8	0.9	0.65	0	
MIN.	0.95	0.06	0.41	0.80	0.07	49	7.6	0.7	0.41	0	

Alan E. Stark
Alan E. Stark, Coordinating Engineer
Illinois ROINC # 84789479

2/4/2020
Date

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Jan-20

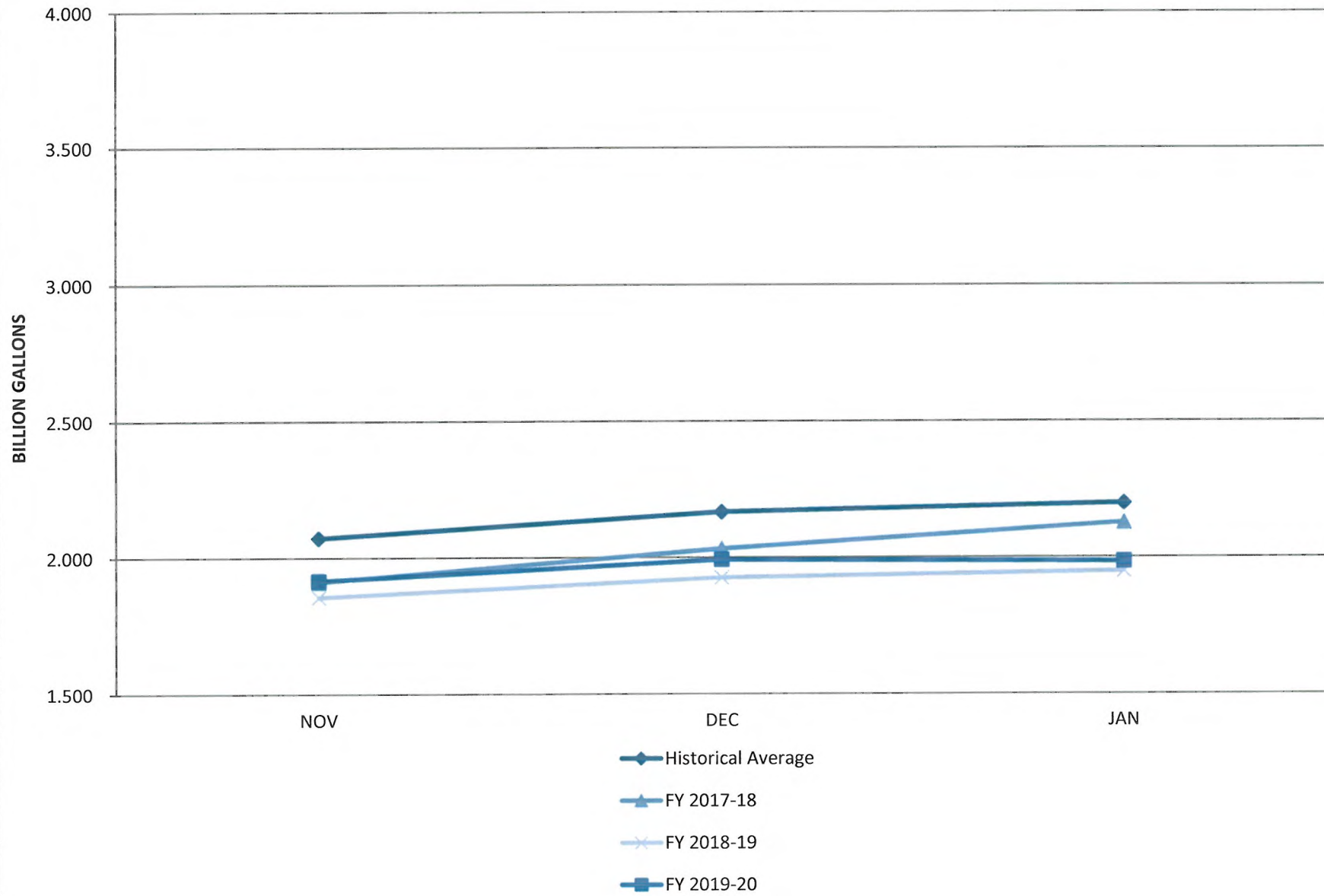
PER DAY AVERAGE 78,679,966

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-16	2,268,225,000	2,338,752,195	96.98%	\$10,887,480.00	\$8,917,662.12	274,300	0.01%	97.00%	\$4.80	\$3.813
Jun-16	2,454,342,000	2,529,910,244	97.01%	\$11,780,841.60	\$9,646,547.76	5,182,282	0.20%	97.22%	\$4.80	\$3.813
Jul-16	2,641,551,000	2,744,681,626	96.24%	\$12,679,444.80	\$10,465,471.04	585,600	0.02%	96.26%	\$4.80	\$3.813
Aug-16	2,533,936,000	2,608,237,398	97.15%	\$12,162,892.80	\$9,945,209.20	701,544	0.03%	97.18%	\$4.80	\$3.813
Sep-16	2,369,372,000	2,450,251,707	96.70%	\$11,372,985.60	\$9,342,809.76	6,309,731	0.26%	96.96%	\$4.80	\$3.813
Oct-16	2,060,379,000	2,130,675,122	96.70%	\$9,889,819.20	\$8,124,264.24	3,337,311	0.16%	96.86%	\$4.80	\$3.813
Nov-16	1,889,508,000	1,958,403,252	96.48%	\$9,069,638.40	\$7,467,391.60	9,473,395	0.48%	96.97%	\$4.80	\$3.813
Dec-16	2,041,053,000	2,106,979,512	96.87%	\$9,797,054.40	\$8,033,912.88	750,196	0.04%	96.91%	\$4.80	\$3.813
Jan-17	2,029,392,000	2,086,470,244	97.26%	\$9,741,081.60	\$7,955,711.04	650,780	0.03%	97.30%	\$4.80	\$3.813
Feb-17	1,780,930,000	1,839,102,439	96.84%	\$8,548,464.00	\$7,012,497.60	502,527	0.03%	96.86%	\$4.80	\$3.813
Mar-17	1,921,309,000	1,973,392,520	97.36%	\$9,222,283.20	\$7,524,545.68	6,065,580	0.31%	97.67%	\$4.80	\$3.813
Apr-17	1,924,126,000	1,983,669,593	97.00%	\$9,235,804.80	\$7,563,732.16	662,965	0.03%	97.03%	\$4.80	\$3.813
May-17	2,140,566,000	2,206,451,707	97.01%	\$10,445,962.08	\$8,413,200.36	379,600	0.02%	97.03%	\$4.88	\$3.813
Jun-17	2,572,903,000	2,661,987,535	96.65%	\$12,555,766.64	\$10,336,497.60	667,640	0.03%	96.68%	\$4.88	\$3.883
Jul-17	2,566,373,000	2,651,891,218	96.78%	\$12,523,900.24	\$10,297,293.60	1,208,200	0.05%	96.82%	\$4.88	\$3.883
Aug-17	2,612,422,000	2,708,475,467	96.45%	\$12,748,619.36	\$10,517,010.24	819,943	0.03%	96.48%	\$4.88	\$3.883
Sep-17	2,649,184,000	2,745,958,980	96.48%	\$12,928,017.92	\$10,662,558.72	4,256,488	0.16%	96.63%	\$4.88	\$3.883
Oct-17	2,162,489,000	2,234,875,921	96.76%	\$10,552,946.32	\$8,678,023.20	9,352,175	0.42%	97.18%	\$4.88	\$3.883
Nov-17	1,910,959,000	1,985,437,054	96.25%	\$9,325,479.92	\$7,709,452.08	11,479,542	0.58%	96.83%	\$4.88	\$3.883
Dec-17	2,030,983,000	2,097,595,921	96.82%	\$9,911,197.04	\$8,144,964.96	1,385,950	0.07%	96.89%	\$4.88	\$3.883
Jan-18	2,125,171,000	2,190,683,966	97.01%	\$10,370,834.48	\$8,506,425.84	2,817,595	0.13%	97.14%	\$4.88	\$3.883
Feb-18	1,845,800,000	1,908,547,989	96.71%	\$9,007,504.00	\$7,410,891.84	952,406	0.05%	96.76%	\$4.88	\$3.883
Mar-18	1,968,078,000	2,042,126,006	96.37%	\$9,604,220.64	\$7,929,575.28	590,499	0.03%	96.40%	\$4.88	\$3.883
Apr-18	1,941,546,000	2,002,331,558	96.96%	\$9,474,744.48	\$7,775,053.44	3,904,397	0.19%	97.16%	\$4.88	\$3.883
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
TOTALS (1)	797,578,813,798	820,556,371,350	97.20%	\$1,709,087,058.03	\$1,527,887,094.02	826,708,835	0.10%	97.30%	\$2.14	\$1.862

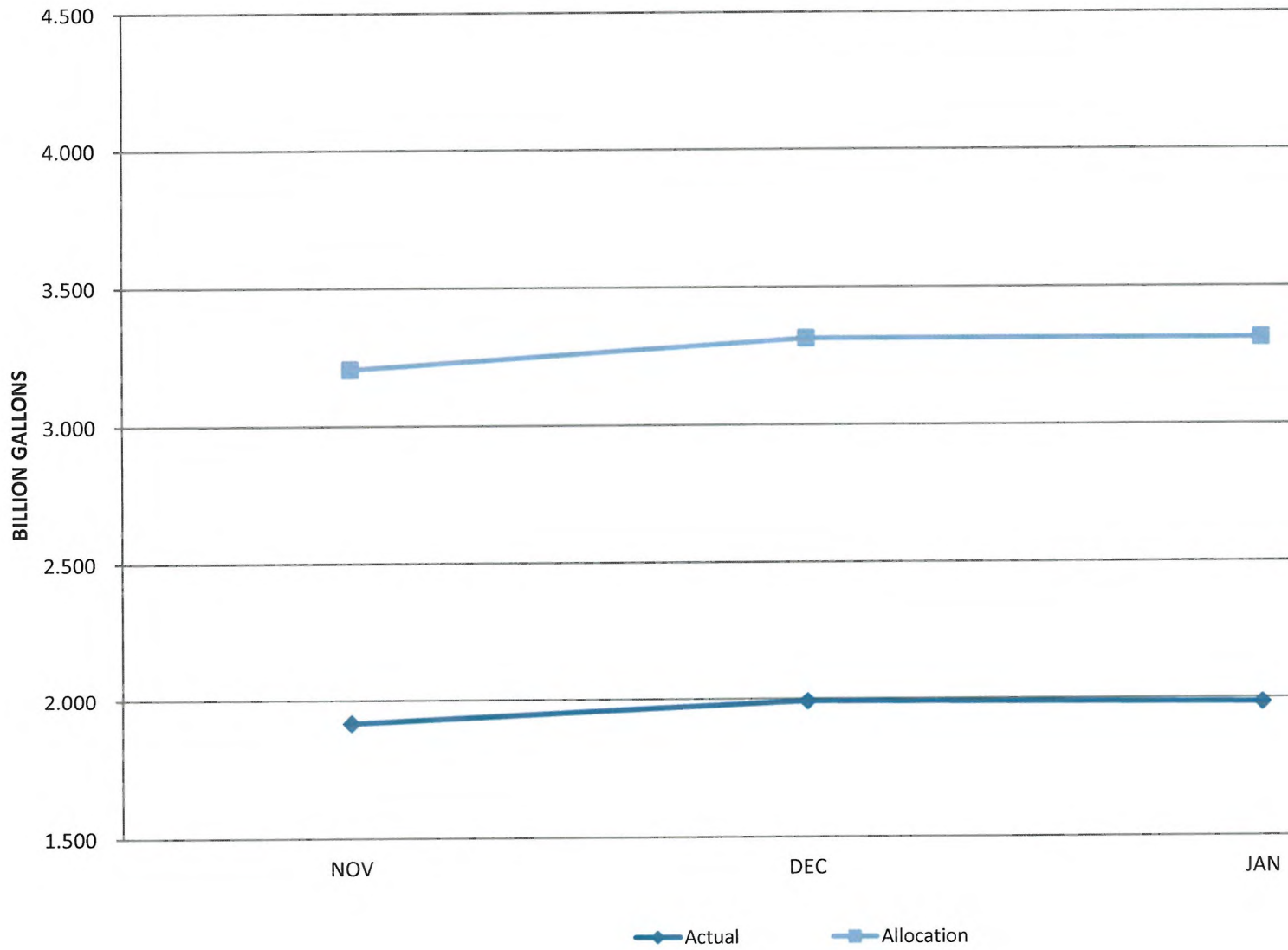
- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD										
Jan-19	19,887,148,000	20,608,673,659	96.50%	98,242,511	81,118,313				\$4.94	\$3.936
Jan-20	19,659,361,000	20,272,423,528	96.98%	97,707,024	80,514,148				\$4.97	\$3.972
	(227,787,000)	(336,250,131)		(\$535,487)	(\$604,165)					
	-1.1%	-1.6%		-0.5%	-0.7%					
Month										
Jan-19	1,948,234,000	2,017,316,439	96.58%	9,624,276	7,954,279				\$4.94	\$3.943
Jan-20	1,982,608,000	2,040,353,072	97.17%	9,853,562	8,110,403				\$4.97	\$3.975
	34,374,000	23,036,633		\$229,286	\$156,125					
	1.8%	1.1%		2.4%	2.0%					
Jan>Dec	(8,199,000)	(21,196,181)		(40,749)	(84,255)					


DU PAGE WATER COMMISSION SALES FY 2019-20, 2018-19 & 2017-18 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2019-20 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-11/17 at the February 20, 2020, DuPage Water Commission Meeting</p> <p>Resolution No. R-11-20</p>	<p>APPROVAL</p> 	

Account Number: 01-60-663100

The Commission entered into certain agreements dated June 30, 2017 with John Neri Construction Co., Inc. and Rossi Contractors, Inc. for quick response construction work, as needed, through the issuance of Work Authorization Orders. Resolution No. R-11-20 would approve the following Work Authorization Orders under the Quick Response Contracts.

Work Authorization Order No. 16 to John Neri Construction Co., Inc. This work authorization is for the work necessary to excavate and expose an existing blow off valve located at Illinois Route 83 and 35th Street in the City of Oakbrook. Staff wishes to expose this valve in order to determine if water observed at the surface is originating from the Commission's valve.

Staff solicited estimates for this work from both Commission's QR-11/17 contractors, and the results of those estimates are listed in the table below.

CONTRACTOR	ESTIMATE
John Neri Construction Co., Inc.	\$37,200.00
Rossi Contractors Inc.	\$39,000.00

Approval of Resolution R-11-20 would approve Work Authorization Order Number 16 to John Neri Construction Co., Inc. for the work necessary to excavate and inspect an existing blow off valve located at Illinois Route 83 and 55th Street in the City of Oakbrook in the estimated amount of \$37,200.00

MOTION: To adopt Resolution No. R-11-20

DUPAGE WATER COMMISSION

RESOLUTION NO. R-11-20

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-11/17 AT THE
FEBRUARY 20, 2020 DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated June 30, 2017, with John Neri Construction Co. 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-11/17"); and

WHEREAS, Contract QR-11/17 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 _____, 2020.

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-10/13: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-11.016

LOCATION:

Illinois Route 83 and 35th Street in the City of Oakbrook.

CONTRACTOR:

John Neri Construction Co., Inc.

DESCRIPTION OF WORK:

Provide and maintain traffic and pedestrian controls; excavate and inspect blow off valve and repair if found to be leaking; backfill the excavation with suitable materials; 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 inspect, and repair if necessary, a 12 inch blow off valve.

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: _____



CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By: _____ Safety Rep: _____
Signature of Authorized Name and 24-Hr Phone No.
Representative

DATE: _____

DATE: February 13, 2020

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 Stanley Consultants, Inc. Resolution No. R-13-20	APPROVAL  	
Account No.: 01-60-771200 and 01-60-772200			
<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 three (3) 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 three (3) 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>Of the three (3) proposals received, 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 Stanley Consultants, Inc. as the most favorable to the Commission, in the amount of \$13,330.00 to provide a Feasibility Study for Photovoltaic System at the DuPage Pumping Station.</p> <p>Resolution No. R-13-20 would approve Task Order No. 01 to the Master Contract with Stanley Consultants, Inc.</p>			
MOTION: To adopt Resolution No. R-13-20.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-13-20

A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH
STANLEY CONSULTANTS, INC. AT THE
FEBRUARY 20, 2020, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Stanley Consultants, 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-13-20

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 _____, 2020.

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 20, 2013, Owner and Consultant agree as follows:

1. **Project:**

A Feasibility Study and Report Services on the potential of a Photovoltaic System DuPage Water Commission's DuPage Pumping Station, based upon Stanley Consultants, Inc. proposal dated February 7, 2020.

2. **Services of Consultant:**

A. Basic Services:

Task 1 – Study and Report

1. Performance of a site evaluation and analysis of the physical layout of the reservoir roof space suitable for panel placement, as well as determining relevant data that is needed for energy calculations. The goal of this section is to create exhibits (plan and section views) of where panels and arrays could be placed on the roof, conceptual electrical site plans, and report on the constructability given the location of the DuPage Pumping Station's reservoirs.
2. Using data derived from conceived solar panels and placements of arrays, use the National Renewable Energy Laboratory (NREL) System Advisor Model (SAM), or other acceptable solar modeling software to determine the orientation specifications along with details about the site's latitude, elevation and typical climate to produce annual electricity output projections.
3. Determine the financial viability of a photovoltaic system, including what economic factors and assumptions should be used in order to create an accurate economic model of the conceived photovoltaic system including the return on investment, determination if any financial incentives are available to the DuPage Water Commission to construct and operate the conceived photovoltaic system, and the estimated annual operation and maintenance costs for the Commission may incur in operation of the conceived photovoltaic system
4. Upon completion of the study, prepare a report including such graphs, tables, drawings, and text as are necessary to describe each of the alternatives studied and the conclusions reached. The report should also include a summary of pertinent facts, including an opinion of probable cost for each alternative studied and a recommended course of action based upon the results of the alternatives studied.

- 5. Provide 10 copies of a draft report for review and approval by Owner and review them in person with Owner.
- 6. Revise the draft report in response to Owner's comments and provide twenty-five copies of the final report to Owner.

B. Additional Services:

When authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

- 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:**

May 15, 2020 plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

- 6. **Submittal Schedule:**

13

- 7. **Key Project Personnel:**

Chris DePodesta, P.E., Project Manager

- 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>	<u>Direct Labor Cost Factor</u>	<u>Not to Exceed</u>
Study and Report		\$13,330.00

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 February 21, 2020.

DUPAGE WATER COMMISSION

By: _____

John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: R. Christopher Bostick

Title: Facilities Construction Supervisor

Address: 600 E. Butterfield Rd., Elmhurst IL 60126-4642

E-mail Address: bostick@dpwc.org

Phone: 630-834-0100

Fax: 630-834-0120

STANLEY CONSULTANTS, INC.

By: _____

[Consultant's Officer]
Title

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: **[Consultant Contact]**

Title:

Address:




E-mail Address:

Phone:

Fax:

DATE: February 13, 2020

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 Christopher B. Burke Engineering, LTD. Resolution No. R-14-20	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 three (3) 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 three (3) 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>Of the three (3) proposals received, 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 Christopher B. Burke Engineering, LTD. as the most favorable to the Commission, in the amount of \$48,000.00 to provide a Feasibility Study for Standpipe Pumping-Electrical Generation-Disinfection Facilities.</p> <p>Resolution No. R-14-20 would approve Task Order No. 01 to the Master Contract with Christopher B. Burke Engineering, LTD.</p>			
MOTION: To adopt Resolution No. R-14-20.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-14-20

A RESOLUTION APPROVING AND RATIFYING CERTAIN TASK ORDERS
UNDER A MASTER CONTRACT WITH
CHRISTOPHER B. BURKE ENGINEERING, LTD. AT THE
FEBRUARY 20, 2020, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Christopher B. Burke Engineering, LTD. (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-14-20

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 _____, 2020.

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 Christopher B. Burke Engineering, Ltd. proposal dated February 7, 2020.

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. CBBEL is available to address or assist the DWC with these activities as supplemental project scope if required.)

- A. Field Surveying (Topographic or Boundary)
- B. Soils Exploration
- C. Stormwater Permitting (Local, Municipal or DuPage County)
- D. Wetland Investigations
- E. Environmental Assessments
- F. Participation in Zoning Revisions or Amendments
- G. 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. TBD

7. **Key Project Personnel:**

A. TBD

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	Multiplier	Cost
Task 1		\$2,500.00
Task 2		\$6,500.00
Task 3		\$13,200.00
Task 4		\$13,200.00
Task 5		\$12,100.00
Direct Costs		\$500.00
Total		<u>\$48,000.00</u>

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 February 21, 2020.

DuPAGE WATER COMMISSION

By: _____
John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

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

Christopher B. Burke Engineers, Ltd.

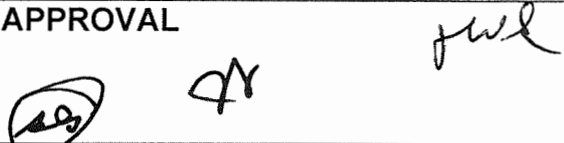
By: _____
[Consultant's Officer]
Title

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: **[Consultant Contact TBD]**
Title:
Address:
E-mail Address:
Phone:
Fax:

DATE: February 11, 2020

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Instrumentation / Remote Facilities
ITEM	To Approve a Modification to the Previously Approved Resolution R-32-19.	APPROVAL	
Account Number: 01-60-771000 (Original Estimated of \$25,000.00) (New Estimate of \$63,000.00)			
<p>The Commission entered into certain agreements dated June 30, 2017 with John Neri Construction Co., Inc. and Rossi Contractors, Inc. for quick response construction work, as needed, through the issuance of Work Authorization Orders.</p> <p>Work Authorization Order No. 012 was previously approved under Resolution R-32-19 for Rossi Contractors Inc. to replace the valve gear box on a 72" butterfly valve and mitigate water infiltrating the gear box in the vault at ROV10D in Elmhurst. The original cost estimate to replace the gear box was \$25,000.00. When they ordered the replacement gear box the cost had increased from the time of the original estimate. When the actual work began to replace the gear box additional unforeseen work and parts were needed than initially thought. The opening of the vault top was too small for the new gear box to fit, so the manhole frame and lid had to be removed and the concrete flat top opening had to be elongated, which will have to be restored once the repair is completed. In addition, during the removal of the bad gear box it was discovered that the spline bushing on the 8" diameter valve shaft had missing teeth, so that had to be ordered and replaced before the gear box can be installed. This all adds up too several more site staging of equipment and many more labor hours and material costs than originally estimated. The new estimate to complete the job is \$63,000.00.</p>			