



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, MARCH 21, 2019
6:00 P.M.

COMMITTEE MEMBERS

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

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

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

RECOMMENDED MOTION: To approve the Minutes of the February 21, 2019 Rescheduled Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-9-19:** A Resolution Approving and Authorizing the General Manager to Purchase an Intelligent Key Security System for the DuPage Pump Station Campus through GSA Contract GS-07F-0611X (**Oak Security Group, LLC - \$75,315.66**)
- V. **R-10-19** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-8/17 (**Volt Electric, Inc. - \$20,666.28**)
- VI. **R-11-19** A Resolution Approving and Authorizing the Execution of the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement between the DuPage Water Commission and DuPage County (**No Cost This Action**)
- VII. **R-12-19** A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Strand Associates (**Not-To-Exceed \$8,000.00**)
- VIII. **R-13-19** A Resolution Approving a First Amendment to Task Order No. 5 under a Master Contract with AECOM Technical Services, Inc. (**\$4,600.00**)
- IX. Old Business

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. Other

XI. Adjournment

Agendas\Engineering\2019\Eng1901.docx

**MINUTES OF THE MEETING OF THE
RESCHEDULED ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DuPAGE WATER COMMISSION
HELD ON THURSDAY, FEBRUARY 21, 2019
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

The meeting was called to order at 5:32 P.M.

Committee members in attendance: D. Boukaert, J. Fennell, and J. Zay

Committee members absent: F. Saverino

Also in attendance: C. Bostick, D. Cuvalo, J. Schori, J. Spatz, and A. Stark.

Chairman Zay moved to approve the Minutes of the January 17, 2019 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Fennell and unanimously approved by a roll vote.

Ayes: D. Boukaert, J. Fennell, and J. Zay

Nays: None

Absent F. Saverino

Regarding R-1-19, Facilities Construction Supervisor Bostick advised the Committee that while several firms pulled the contract documents for the High Lift Pump isolation valve purchase request for proposals, only two (2) firms submitted bids and the low dollar bidder's proposal did not meet specification and also requested a withdrawal of their bid as they failed to include the cost of the specified valve gear assembly.

Regarding R-2-19, Facilities Construction Supervisor Bostick advised the Committee that the engineer for the Bartlett transmission main, AECOM Technical Services, was due additional monies for additional efforts expended during the project that were not anticipated at the time the task order was developed and also has been directed to develop drawing of record, also which was not included in the original task order, hence the change order request in the amount of \$40,000.00.

Facilities Construction Supervisor Bostick advised the Committee R-3-19 appears on the agenda to authorize the execution of a Master Agreement with Wynndalco Enterprises for professional engineering services that may be requested in the future.

Facilities Construction Supervisor Bostick advised the Committee of the four (4) resolutions to authorize execution of task orders with various engineering firms to provide services related to four (4) capital improvement projects. General Manager Spatz informed the Committee that a team of four Staff employees provided consensus award recommendations to the General Manager in which he approved to make the recommendations to the Board. The resolutions were reviewed by Facilities Construction Supervisor Bostick: R-5-19 to CDM Smith for DuPage Pump Station Building Improvements (\$142,650.00); R-6-19 to Greeley and Hansen for Disinfection System Improvements (\$95,000.00); R-7-19 to Knight E/A for Generator Building HVAC Improvements (37,500.00);

and R-8-18 to Strand and Associates for Tank Site and MS26B Site Improvements (\$58,800.00).

Facilities Construction Supervisor Bostick advised the Committee a Request for Board Action (RFBA) appears on the agenda seeking authorization to procure updated 2-way radio equipment from Motorola Solutions, Inc. at a cost of \$104,980.57. Facilities Construction Supervisor Bostick advised the Committee the purchase would be via the State of Illinois Master Purchasing Contract.

Facilities Construction Supervisor Bostick advised the Committee a Request for Board Action (RFBA) appears on the agenda requesting the suspension of purchasing procedures to procure Hardware and software upgrades for the Commission's Large Meter Testing Facility PLC system from Concentric Integration Services, LLC as the provider of the installed equipment and sole source of the hardware and software needed to keep the system up to date and functional. The cost of the upgrades are not to exceed \$49,000.00.

Chairman Fennell 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 10 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. Boukaert, J. Fennell, and J. Zay

Nays: None

Absent F. Saverino

Chairman Fennell requested an oral overview of the effort to bring water to the Village of Bartlett. Facility Construction Supervisor gave the report from the initial discussions with the Village and including up-to-date status of construction.

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

General Manager Spatz reported to the Committee on the highlights of the Customer Contract renewal meeting that was held on February 20th.

With no other items coming before the Committee, Commissioner Bouckaert moved to adjourn the meeting at 6:03 P.M. Motion seconded by Commissioner Fennell and unanimously approved by a roll call vote.

Ayes: D. Boukaert, J. Fennell, and J. Zay

Nays: None

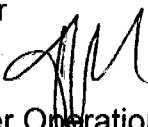
Absent F. Saverino



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee 
Manager of Water Operations

Ed Kazmierczak	Pipeline Supervisor
Chris Bostick	Facilities Construction Supervisor
John Schori	Instrumentation Supervisor
Frank Frelka	GIS Coordinator
Mike Weed	Operations Supervisor

DATE: March 13, 2019

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of February were a total of 1.84 billion gallons. This represents an average day demand of 65.7 million gallons per day (MGD), which is lower than the February 2018 average day demand of 66.0 MGD. The maximum day demand was 79.9 MGD recorded on February 01, 2019, which is higher than the February 2018 maximum day demand of 70.7 MGD. The minimum day flow was 60.4 MGD.

The Commission's recorded total precipitation for the month of February was 1.95 inches compared to 1.54 inches for February 2018. The level of Lake Michigan for February 2019 is 580.8 (Feet IGLD 1985) compared to 579.8 (Feet IGLD 1985) for February of 2018.

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. The Village of Westmont's contractor is scheduled to start and complete the concrete work this spring. Brick will likely be installed late-spring, early summer. All underground work, including the installation of the cistern, has been completed.

Staff will be presenting the Water Journey and Water Conservation Program to the fifth-grade class at Hawthorne Elementary School in Elmhurst on March 13th.

Winfield Cub Scout Pack will be attending a presentation and tour on March 26th.

SCARCE set up a tour and presentation with Elmhurst Cool Cities and garden club on May 7th.

A SCARCE teacher tour and presentation is scheduled for June 24th.

Operations Maintenance

R-9-19 appears on the agenda seeking authorization of the Phase 2 purchase and installation of the intelligent key security system through the same U.S. Government Purchasing Cooperative (GSA Advantage) approved vendor as was done in 2018. The work includes providing and installing the same high security intelligent key locksets for doors, panels and hatches at the DuPage Pump Station and Administration campus as was done for all remote facilities in 2018.

Bartlett Water Service

Benchmark Construction has completed the installation of all pipe, valves and pipe casings and successfully pressure tested all the feeder main. Benchmark is working on punch-list items and restoration however the remaining restoration work will be delayed until Spring 2019. Benchmark Construction will be requesting a time extension to complete the restoration work. Water main construction is nearing completion for the additional work on the Village of Bartlett distribution system.

Construction of Bartlett Meter Station 30A by the contractor, J.J. Henderson and Sons, Inc., is approximately 70% complete. The Contract Completion Date is April 19, 2019.

Instrumentation / Remote Facilities Overview

Resolution No. R-10-19 appears on the agenda seeking approval of Work Authorization Order No. 008 with Quick Response Electrical contractor Volt Electric, Inc. This work was issued and completed prior to board approval and was necessary to repair a damaged power feed to Remotely Operated Valve (ROV) 24A in Woodridge. Due to ComEd causing the damage when installing a new power pole additional work was required to reestablish power to this facility. The Commission is responsible for having our power cables moved to new poles when ComEd installs new poles for maintenance. The difference in cost to just move the cables verse the additional work required is \$13,992.28. This amount is being submitted as a claim for reimbursement to ComEd.

Resolution No. R-11-19 appears in the agenda seeking authorization for the General Manager to execute the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement between the DuPage Water Commission and DuPage County Emergency Telephone System Board ("DUPAGE ETSB") to access the DuPage Emergency Dispatch Interoperable Radio System ("DEDIRS"). Commission staff recommends entering into this no-cost agreement to have access to the DEDIRS Access Talk Groups with the new Motorola StarCom21 radio system.

Pipeline Maintenance and Construction Overview

Leak repair work and temporary pavement restoration has been completed at the intersection of Kuhn Road and North Avenue in the Village of Carol Stream. Permanent pavement restoration will take place in the spring.

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

Capital Improvement Program

CDM Smith has commenced engineering services for DuPage Pump Station and Administration Buildings rehabilitation which includes replacement of the Curtain Wall, replacement of the walls which surround the Commonwealth Edison Yard, and to remediate groundwater penetration through the West Discharge Tunnel.

Greeley and Hansen has commenced engineering services for DuPage Pump Station Disinfection Facilities rehabilitation which includes replacement and upgrading of chemical equipment, containment finishes, process piping, and wall finishes which are deteriorating naturally due to age and environmental conditions.

Knight E/A. Inc. has commenced engineering services for DuPage Pump Generation Facilities HVAC which includes upgrading of equipment room and mechanical cooling, adding humidification to work spaces and modifying rooftop access for maintenance purposes.

Strand Associates, Inc. has commenced engineering services for Tank Site and Meter Station site rehabilitation which includes replacement and safety upgrading of control vault structures, improve overland drainage, rehabilitate and improve security fencing and the rehabilitation and addition of paved surfaces. This work was suggested in the 2014 Condition Assessment.

MARCH 2019 COMMISSION AGENDA ITEMS:

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Attachments

1. DuPage Laboratory Bench Sheets for February 2019
2. Water Sales Analysis 01-November-2014 to 28 February 2019
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2019/190313.docx>

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR FEBRUARY 2019

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.92	0.06	0.58	0.94	0.09	46	7.8	0.9	0.58	0	KD
2	0.98	0.06	0.57	0.96	0.09	46	7.6	1.0	0.54	0	AM
3	1.00	0.07	0.58	1.00	0.09	46	7.5	1.0	0.52	0	AM
4	1.00	0.06	0.59	1.00	0.09	48	7.7	0.9	0.52	0	KD
5	0.93	0.06	0.57	0.86	0.10	51	7.8	1.0	0.57	0	KD
6	0.93	0.07	0.59	0.88	0.09	51	7.6	0.9	0.56	0	AM
7	1.00	0.07	0.59	0.91	0.09	52	7.6	0.9	0.58	0	AM
8	0.92	0.07	0.57	0.87	0.09	51	7.6	1.0	0.58	0	AM
9	0.90	0.06	0.55	0.85	0.10	50	7.6	1.0	0.60	0	KD
10	1.07	0.07	0.53	0.84	0.10	51	7.8	1.0	0.60	0	KD
11	1.00	0.07	0.55	0.86	0.10	50	7.6	0.9	0.57	0	AM
12	1.00	0.07	0.54	0.83	0.09	49	7.7	1.0	0.58	0	AM
13	0.88	0.07	0.53	0.80	0.10	49	7.8	1.0	0.56	0	KD
14	0.91	0.09	0.50	0.81	0.10	50	7.8	0.8	0.55	0	KD
15	0.90	0.06	0.54	0.85	0.09	49	7.7	0.9	0.55	0	KD
16	0.92	0.07	0.53	0.84	0.10	49	7.8	0.9	0.55	0	KD
17	1.01	0.06	0.54	0.99	0.07	52	7.8	0.8	0.58	0	RC
18	0.99	0.07	0.52	0.84	0.10	51	7.7	0.8	0.54	0	KD
19	1.00	0.07	0.57	0.88	0.08	51	7.8	0.8	0.54	0	KD
20	1.00	0.06	0.59	0.84	0.09	52	7.8	0.8	0.60	0	CT
21	1.00	0.08	0.54	0.85	0.06	52	7.8	0.9	0.52	0	CT
22	0.96	0.06	0.51	0.87	0.09	50	7.7	1.0	0.56	0	CT
23	1.00	0.06	0.55	0.93	0.07	48	7.8	0.8	0.56	0	RC
24	0.92	0.08	0.57	0.97	0.06	49	7.8	1.0	0.57	0	RC
25	1.00	0.07	0.56	0.87	0.09	50	7.7	1.0	0.60	0	CT
26	0.95	0.06	0.56	0.82	0.09	50	7.7	0.9	0.51	0	CT
27	1.02	0.06	0.55	0.98	0.06	50	7.8	0.9	0.55	0	RC
28	0.96	0.06	0.53	0.94	0.06	52	7.8	1.0	0.56	0	RC
AVG	0.97	0.07	0.55	0.89	0.09	50	7.7	0.9	0.56	0	
MAX	1.07	0.09	0.59	1.00	0.10	52	7.8	1.0	0.60	0	
MIN	0.88	0.06	0.50	0.80	0.06	46	7.5	0.8	0.51	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 28-Feb-19

PER DAY AVERAGE 78,990,197

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-15	2,215,394,000	2,283,051,057	97.04%	\$10,744,660.90	\$8,705,273.68	649,444	0.03%	97.06%	\$4.85	\$3.813
Jun-15	2,196,780,000	2,266,453,659	96.93%	\$10,654,383.00	\$8,641,987.80	468,148	0.02%	96.95%	\$4.85	\$3.813
Jul-15	2,448,256,000	2,522,026,667	97.07%	\$11,874,041.60	\$9,616,487.68	6,454,619	0.26%	97.33%	\$4.85	\$3.813
Aug-15	2,723,202,000	2,807,092,033	97.01%	\$13,207,529.70	\$10,703,441.92	1,048,363	0.04%	97.05%	\$4.85	\$3.813
Sep-15	2,341,098,000	2,428,433,496	96.40%	\$11,354,325.30	\$9,259,616.92	870,425	0.04%	96.44%	\$4.85	\$3.813
Oct-15	2,188,762,000	2,250,656,585	97.25%	\$10,615,495.70	\$8,581,753.56	1,989,028	0.09%	97.34%	\$4.85	\$3.813
Nov-15	1,894,247,000	1,942,187,317	97.53%	\$9,187,097.95	\$7,405,560.24	1,150,890	0.06%	97.59%	\$4.85	\$3.813
Dec-15	1,953,066,000	2,011,680,976	97.09%	\$9,472,370.10	\$7,670,539.56	516,414	0.03%	97.11%	\$4.85	\$3.813
Jan-16	2,033,443,000	2,091,170,472	97.24%	\$9,862,198.55	\$7,973,633.01	862,718	0.04%	97.28%	\$4.85	\$3.813
Feb-16	1,888,296,000	1,941,985,366	97.24%	\$9,158,235.60	\$7,404,790.20	563,984	0.03%	97.26%	\$4.85	\$3.813
Mar-16	1,944,058,000	1,996,231,707	97.39%	\$9,428,681.30	\$7,611,617.24	6,400,732	0.32%	97.71%	\$4.85	\$3.813
Apr-16	1,984,449,000	2,039,789,593	97.29%	\$9,624,577.65	\$7,777,717.72	9,448,858	0.46%	97.75%	\$4.85	\$3.813
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
TOTALS (1)	774,103,925,798	796,338,099,955	97.21%	\$1,592,531,330.48	\$1,431,802,639.07	796,216,586	0.10%	97.31%	\$2.06	\$1.798

(1) - SINCE MAY 1, 1992

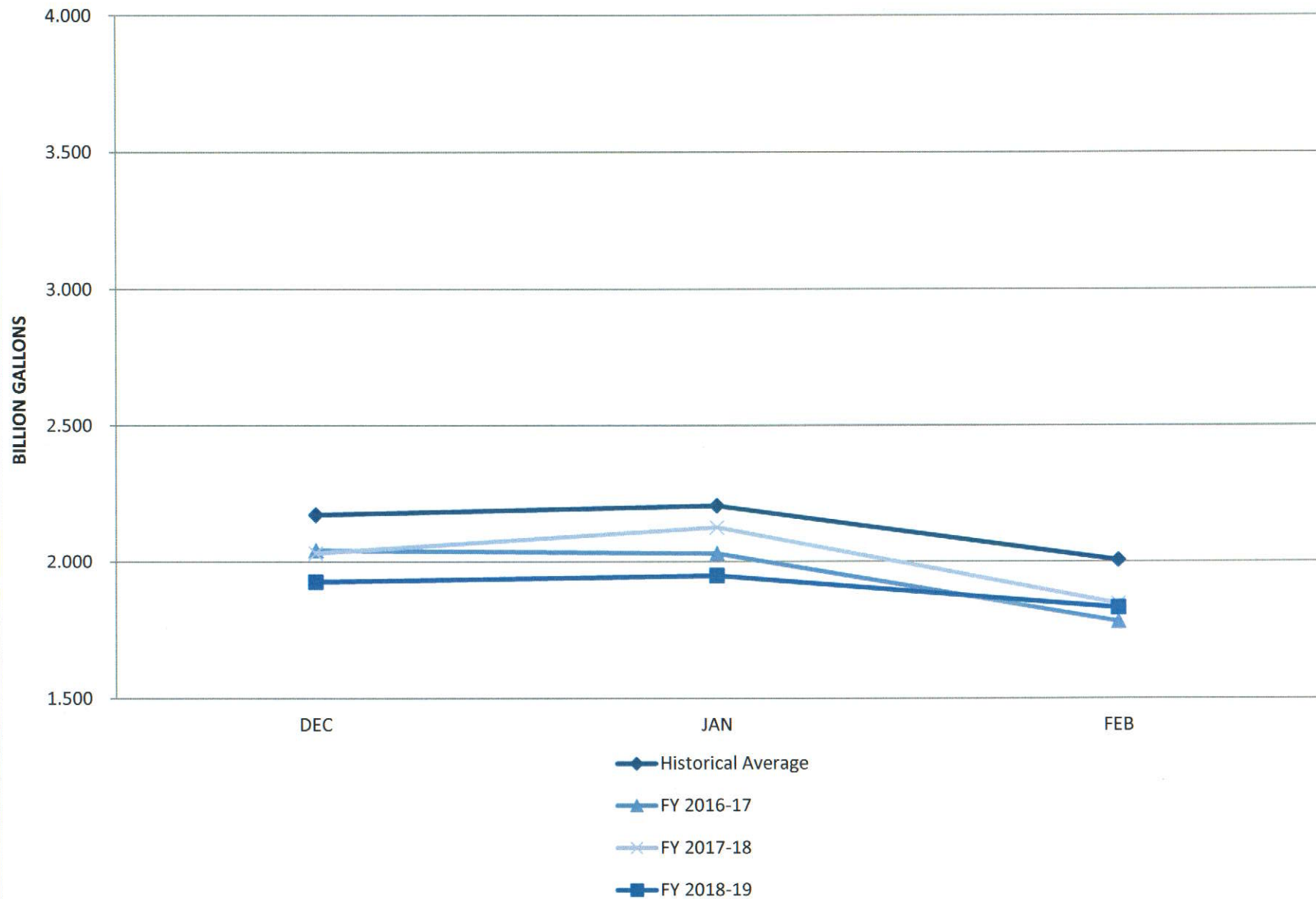
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

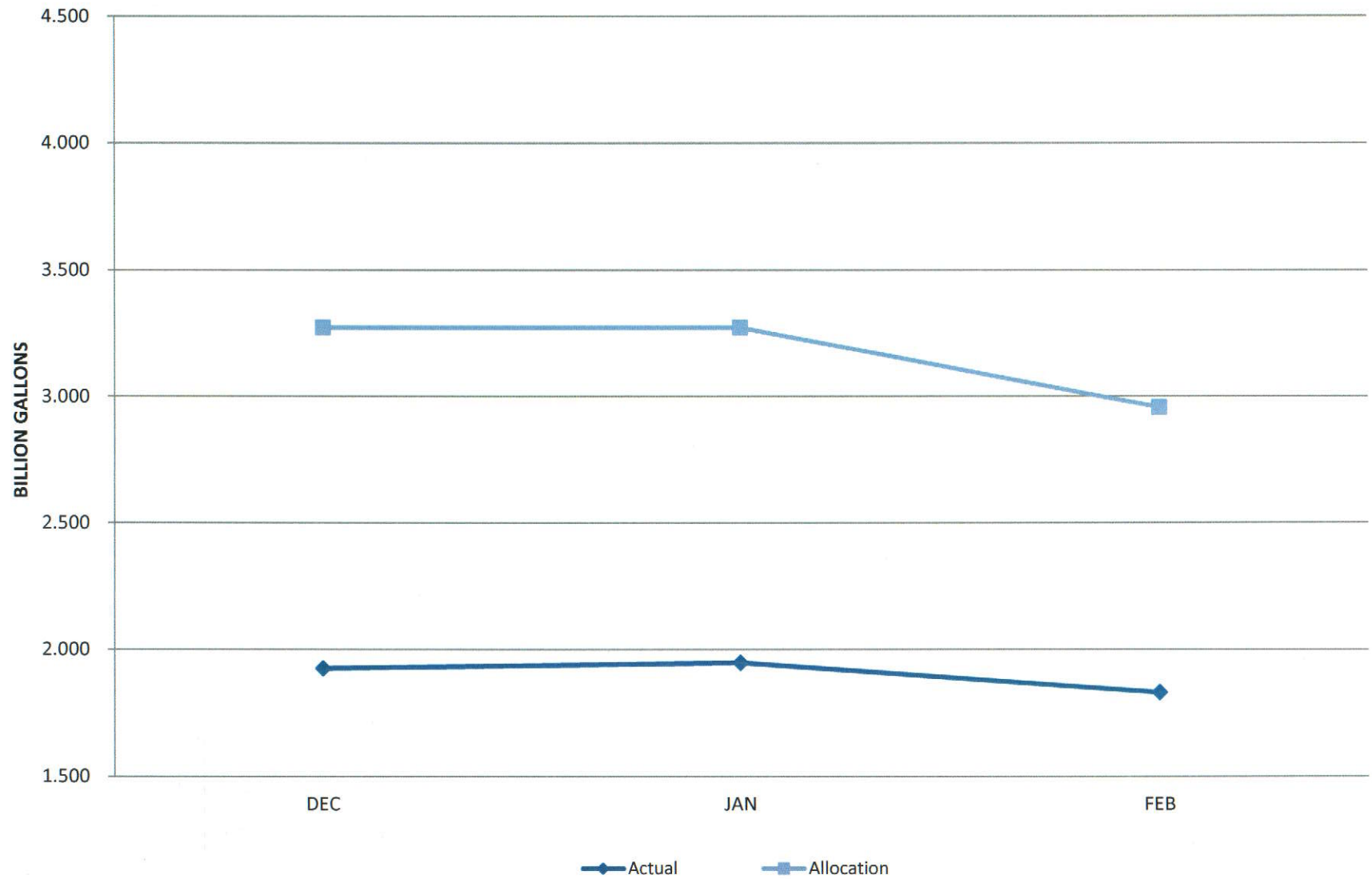
YTD

Feb-18	22,616,850,000	23,391,905,758	96.69%	110,370,228	90,676,318				\$4.88	\$3.876
Feb-19	21,718,177,000	22,499,907,821	96.53%	107,287,795	88,575,449				\$4.94	\$3.937
	(898,673,000)	(891,997,937)		(\$3,082,433)	(\$2,100,870)					
	-4.0%	-3.8%		-2.8%	-2.3%					
Month										
Feb-18	1,845,800,000	1,908,547,989	96.71%	9,007,504	7,410,892				\$4.88	\$3.883
Feb-19	1,831,029,000	1,891,234,162	96.82%	9,045,283	7,457,136				\$4.94	\$3.943
	(14,771,000)	(17,313,827)		\$37,779	\$46,244					
	-0.8%	-0.9%		0.4%	0.6%					
Feb>Jan	(117,205,000)	(126,082,277)		(578,993)	(497,142)					

DU PAGE WATER COMMISSION SALES FY 2018-19, 2017-18 & 2016-17 VS. HISTORICAL AVERAGE

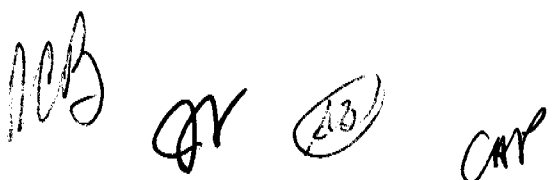


DU PAGE WATER COMMISSION SALES FY 2018-19 VS. ALLOCATION



DATE: March 14, 2019

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Facilities Construction/Safety Coordinator
ITEM	A Resolution Approving and Authorizing the General Manager to Purchase an Intelligent Key Security System through U.S. Government Purchasing Cooperative: GSA Contract GS-07F-0611X at the March 21, 2019, DuPage Water Commission Meeting Resolution No. R-9-19	APPROVAL 	
<p>Account Numbers: 01-60-772000 (\$75,315.66)</p> <p>In May of 2018, the Board approved Phase 1 of the Intelligent Key System which included the purchase of hardware and services for lock replacement at all remote facilities.</p> <p>This proposed action seeks approval to continue the project (Phase 2) for the purchase of Medeco XT locksets and services for replacement of all lockable passage doors, purchase Medeco XT padlocks to replace various padlocks on hatches, gates and various panels, and replacement of various door hardware within the DuPage Pump Station and Administration Building Campus.</p> <p>The intelligent key system replaces locks and cylinders with an electronic core. The electronic locks are addressed, and keys are programmed to allow specific users specific access rights to specific locks at specific schedules as individually assigned. Should an intelligent key be lost or stolen, the access rights for that key would either expire or be reprogrammed to render the key useless.</p> <p>As with the previous Phase 1 purchase, Staff is recommending the purchase of the Phase 2 keying system parts, installation and programming through the same U.S. Government Purchasing Cooperative: GSA Advantage, FSC Group 84: Law Enforcement and Security Equipment: Contract GS-07F-0611X vendor; Oak Security Group, LLC, under the terms of the GSA Advantage contract. Additional door and lock hardware replacement is also necessary to complete the upgrades to locks and doors.</p> <p>This item has been included in the Five-Year Capital Improvement Plan and approved in the Fiscal Year 2018/2019 Management Budget.</p>			
MOTION: To adopt Resolution No. R-9-19.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-9-19

A RESOLUTION APPROVING AND AUTHORIZING THE GENERAL MANAGER TO PURCHASE AN INTELLIGENT KEY SECURITY SYSTEM THROUGH A U.S. GOVERNMENT PURCHASING COOPERATIVE: GSA CONTRACT GS-07F-0611X AT THE MARCH 21, 2019, DUPAGE WATER COMMISSION MEETING

WHEREAS, The DuPage Water Commission's existing Lock and Key Security Systems have been in place since original construction and are subject to vulnerabilities; and

WHEREAS, The DuPage Water Commission Staff has investigated and assessed various replacement high security Lock and Key Systems; and

WHEREAS, The DuPage Water Commission Staff is recommending the purchase and installation of the Medeco XT high security Lock and Key Systems; and

WHEREAS, The DuPage Water Commission has investigated various means and methods to purchase and install Medeco XT high security Lock and Key Systems; and

WHEREAS, the Board of Commissioners of the DuPage Water Commission, based on the representations of Staff, believes it is in the best interest of the Commission to authorize the General Manager to purchase and install the Medeco XT high security Lock and Key Systems for the DuPage Water Commission through a U.S. Government Purchasing Cooperative: GSA Advantage Contract GS-07F-0611X with Oak Security Group, LLC, for an estimated cost of \$75,315.66;

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

SECTION ONE: The foregoing recitals are hereby incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: That the General Manager is here by granted the authority to purchase and install the Medeco XT high security Lock and Key Systems for the DuPage Water Commission through a U.S. Government Purchasing Cooperative: GSA Advantage Contract GS-07F-0611X with Oak Security Group, LLC, for an estimated cost of \$75,315.66, without further act.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ___ DAY OF _____, 2019.

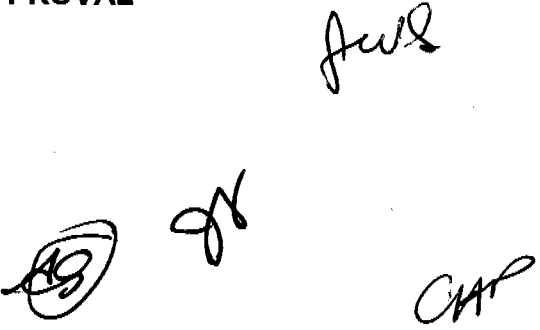
Chairman

ATTEST:

Clerk

DATE: March 12, 2019

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-8/17 at the March 21, 2019, DuPage Water Commission Meeting Resolution No. R-10-19	APPROVAL 
<p>Account Numbers: 01-60-663300 (Cost \$20,666.28)</p> <p>The Commission entered into certain agreements dated December 29, 2017, with McWilliams Electric Co. Inc. and with Volt Electric, Inc. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-10-19 would approve the following Work Authorization Orders under the Quick Response Electrical Contracts:</p> <p>Work Authorization Order No. 008: This work authorization was issued to Volt Electric, Inc., and the work completed prior to board approval and was necessary to repair a damaged power feed to Remotely Operated Valve (ROV) 24A in Woodridge. The Commission was notified that ComEd was replacing a series of power poles which one was used to feed power to ROV24A and that they had damaged the underground power cables when boring the hole for the new pole. Commission staff contacted Volt Electric to check the damage and provide an estimate for the repair and to move the cables to the new pole. This estimate was \$7,174.00. However, once Volt Electric began the repair it was clear their original plan was not going to work because of the frozen ground, they could not get the old cables out of the existing conduit. The new estimate to directional bore to replace the conduit and cables was \$16,590.00. New J.U.L.I.E. marks were made by ComEd marking their underground high voltage cables, but Volt Electric determined that the markings were incorrect before they started the directional boring which caused a day of delay do to ComEd having to correct their markings. This delay increased the cost for a final repair cost of \$20,666.28.</p> <p>The Commission is responsible for having the power cables moved to the new pole when ComEd installs new poles for maintenance. The estimate for moving the power feed cables from the old pole to the new pole would have been \$6,674.00. The Commission is submitting a claim with ComEd for reimbursement for the difference of \$13,992.28.</p> <p>Approval of Resolution R-10-19 would ratify Work Authorization Order Numbers 008 to Volt Electric, Inc at a cost of \$20,666.28.</p>	
MOTION: To adopt Resolution No. R-33-18.	

DUPAGE WATER COMMISSION

RESOLUTION NO. R-10-19

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-8/17
AT THE MARCH 21, 2019, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated December 29, 2017, with McWilliams Electric Co. Inc. and with Volt Electric, Inc., for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-8/17"); and

WHEREAS, Contract QRE-8/17 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-10-19

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 _____, 2019

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-8/17: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-8.008

LOCATION:

Remotely Operated Valve (ROV24A) at corner of 75th St and Greene Rd, Woodridge

CONTRACTOR:

Volt Electric, Inc.

DESCRIPTION OF WORK:

Relocate 120/240VAC power feed from original ComEd power pole to new ComEd power pole. Splice feeds to reach new pole if necessary or pull new cables between meter socket and pole. ComEd to terminate new cables at pole.

REASON FOR WORK:

ComEd installed new power pole for maintenance reasons.

MINIMUM RESPONSE TIME:

None

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

None

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY EMERGENCY WORK

SUBMITTALS REQUESTED:

None

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

None

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

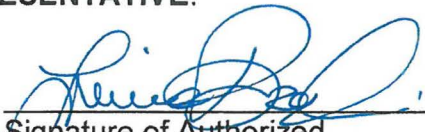
Contract drawings available upon request.

DUPAGE WATER COMMISSION

By: 
Signature of Authorized Representative

DATE: 3-6-19

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:




By: 
Signature of Authorized Representative

Safety Rep: Fred Kala 630-878-1255
Name and 24-Hr Phone No.

DATE: 03/11/19

DATE: March 12, 2019

REQUEST FOR BOARD ACTION

AGENDA SECTION Omnibus Vote Requiring Majority Vote	ORIGINATING DEPARTMENT Instrumentation/ Remote Facilities
ITEM A Resolution Approving and Authorizing the Execution of the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement between the DuPage Water Commission and DuPage County Emergency Telephone System Board at the March 21, 2019, DuPage Water Commission Meeting Resolution No. R-11-19	APPROVAL   
<p>Resolution No. R-11-19 would approve and authorize the execution of the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement between the DuPage Water Commission and DuPage County Emergency Telephone System Board ("DUPAGE ETSB") to access the DuPage Emergency Dispatch Interoperable Radio System ("DEDIRS").</p> <p>The Commission is currently utilizing the State of Illinois statewide StarCom21 trunked-digital voice radio network owned and operated by Motorola Solutions, Inc. Pursuant to the approved Request For Board Action at the February 21, 2019 board meeting to purchase new Motorola StarCom21 portable two-way radios, the Commission would like to enter into a no-cost agreement with DUPAGE ETSB to have the new radios programmed to allow access to the DEDIRS Access Talk Groups. This will allow one seamless method of interoperability with public safety agencies throughout the County to communicate with each other during emergency joint response situations.</p>	
MOTION: To approve Resolution No. R-11-19.	

DUPAGE WATER COMMISSION

RESOLUTION NO. R-11-19

A RESOLUTION APPROVING AND AUTHORIZING THE EXECUTION OF
THE DUPAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM
ACCESS TALK GROUP AGREEMENT BETWEEN THE DUPAGE WATER
COMMISSION AND DUPAGE COUNTY AT THE MARCH 21, 2019,
DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") is currently utilizing the State of Illinois statewide trunked-digital voice radio network for its two-way radio communication needs; and

WHEREAS, Motorola, Inc. owns and operates under lease with the State of Illinois a statewide trunked-digital voice radio network, commonly referred to as the STARCOM21 Network ("STARCOM21"); and

WHEREAS, the Commission desires access to the DuPage Emergency Dispatch Interoperable Radio System Talk Groups for one seamless method of interoperability with public safety agencies throughout the County to communicate with each other during emergency joint response situations; and

WHEREAS, the Commission staff believe it is in the best interest of the Commission that the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement be approved and that the execution of such an agreement be authorized;

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

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

SECTION TWO: The DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement by and between DuPage County Emergency Telephone System Board ("DUPAGE ETSB") and the DuPage Water Commission, in substantially the form attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1, with such modifications as may be required or approved by the General Manager, shall be and it hereby is approved.

SECTION THREE: The General Manager of the DuPage Water Commission shall be and hereby is authorized and directed to execute the DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement, in substantially the form attached hereto as Exhibit 1 with such modifications as may be required or approved by the General Manager. Upon execution by the General Manager, the user agreement, and all things provided for therein, shall be deemed accepted by the DuPage Water Commission without further act.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2019.

ATTEST:

Chairman

Clerk

EXHIBIT 1

**DuPage Emergency Dispatch Interoperable Radio System
Access Talk Group Agreement**

This Talk Group Access Agreement is between _____, an [Illinois] [not-for profit][business] corporation (Agency), having its principal business address at _____ and the Emergency Telephone System Board of DuPage County ("DUPAGE ETSB"), an Emergency Telephone System Board established pursuant to 50 ILCS 750/et. seq., having its principal business address at 421 N. County Farm Rd., Wheaton, Illinois 60187.

Section 1 - Definitions. [Intentionally Left Blank]

Section 2 – Grant of Access. Pursuant to DUPAGE ETSB Resolution a copy of which is attached to and incorporated in this Agreement as if fully set forth herein, DUPAGE ETSB authorizes the Agency and only those personnel members whose names it provides to DUPAGE ETSB to access the DuPage Emergency Dispatch Interoperable Radio System ("DEDIRS").

Section 3 – Scope of Use. The Agency shall, at all times, ensure that its personnel utilize its access to DEDIRS in strict conformance with the provisions of this Agreement, its application to DUPAGE ETSB, and such rules and policies as DUPAGE ETSB or its subordinate entities may from time to time establish. The Agency shall not permit its personnel to utilize the Agency's access to DEDIRS in any manner that exceeds this scope of use or in violation of law.

Section 4 – Termination. The Agency may terminate its access to DEDIRS at any time by providing written notice to DUPAGE ETSB. DUPAGE ETSB may terminate the Agency's access to DEDIRS at any time and for any reason with or without written notice.

Section 5 – Indemnification.

(a) The Agency shall, at all times, fully indemnify, hold harmless, and defend DUPAGE ETSB and the County of DuPage and their officers, agents, and employees from and against any and all claims and demands, actions, causes of action, and cost and fees of any character whatsoever made by anyone whomsoever on account of or in any way growing out of use of DEDIRS by the Agency and its employees, or because of any act or omission, neglect or misconduct of the Agency, its employees and agents or its subcontractors including, but not limited to, any claims that may be made by the employees themselves for injuries to their person or property or otherwise, and any claims that may be made by the employees themselves or by the Illinois Department of Labor for the Agency's violation of the Illinois Prevailing Wage Act (820 ILCS 130/1 et seq.). The forgoing obligation of the Agency to indemnify shall not be limited by reason of insurance or immunity.

(b) Nothing contained herein shall be construed as prohibiting DUPAGE ETSB or the County and their officers, agents, or its employees, from defending through the selection and use of their own agents, attorneys and experts, any claims, actions or suits brought against them. The Agency shall likewise be liable for the cost, fees and expenses incurred in defense of any such claims, actions, or suits.

(c) The Agency shall be responsible for any damages incurred as a result of its errors, omissions or negligent acts.

(d) Neither DUPAGE ETSB nor the County waives any defense or immunity which may be available to it, including those provided by the Local Government and Governmental Employees Tort Immunity Act, 745 ILCS 10/1 et seq. or by reason of indemnification or insurance.

Section 6 – Duty to Contract for Access, Costs. The Agency shall contract with Motorola Solutions, Inc. for access to its STARCOM21 System on which DEDIRS operates. The Agency shall be solely responsible for all costs associated with its access to DEDIRS. The Agency shall be solely responsible for the acquisition any equipment it requires to access DEDIRS.

Section 7 – Notices. All notices required to be given pursuant to this Agreement shall be in writing and addressed to the parties at their respective addresses set forth below

If to the DUPAGE ETSB: 9-1-1 System Coordinator Emergency Telephone System Board of DuPage County 421 N. County Farm Rd. Wheaton, IL 60187	If to the Agency:
--	--------------------------

Section 8 – Covenant Not to Sue. In consideration of the DUPAGE ETSB's grant of access to DEDIRS, the Agency covenants and agrees that it shall not sue, institute, cause to be instituted or permit to be instituted on its behalf, or by or on behalf of its past, present or future officials, officers, employees, attorneys, agents or assigns, any proceeding or other action with or before any local, state and/or federal agency, court or other tribunal, against the DUPAGE ETSB or the County of DuPage, their board members, officers, commissioners, employees, attorneys, agents or assigns, arising out of, or from, or otherwise relating, directly or indirectly, to this Agreement to the extent authorized by law.

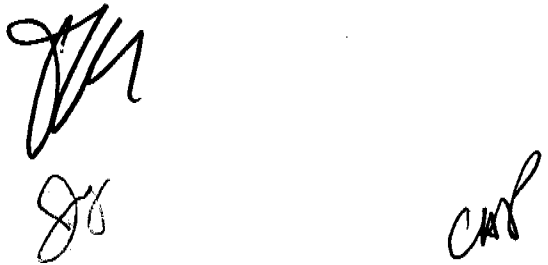
Section 9 – Representations. The Agency represents that it has the authority to enter into this Agreement and undertake the duties and obligations contemplated by this Agreement and that it has taken or caused to be taken all necessary action to authorize the execution. Further, the Agency represents that the signatory of this Agreement has the authority to bind the Agency to all obligations herein contained.

Section 10 – Survival. The Agency's obligations under Section 5 and Section 8 shall survive the termination of this Agreement.

Section 11 – Assignment. Neither the Agency nor any of its personnel may assign or transfer any rights afforded to it under this Agreement to any third party for any purpose without the express written permission of DUPAGE ETSB Board.

Title: _____ Date: _____

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	General Manager's Office
ITEM	<p>A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Strand Associates at the March 21, 2019 DuPage Water Commission Meeting</p> <p>Resolution No. R-12-19</p>	<p>APPROVAL</p> 	
<p>Account No(s): Task Order No. 3 -- 01-60-628000 (Not to Exceed \$8,000.00)</p>			
<p>The Commission entered into a Master Contract with Strand Associates, dated as of May 16, 2013, 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-12-19 would approve the following Task Orders to the Master Contract:</p>			
<p>Task Order No. 3: Assistance with revision of the Request for Proposal (RFP) for the Design, Bidding-Related, and Construction-Related services for the Commission's SCADA System Replacement, Backhaul System, and Security Related Upgrades.</p>			
<p>The Commission is replacing it's SCADA System, Backhaul System, and incorporating Security Related Upgrades. The complex and unique nature of the project, coupled with the possibility for significant variability in the responses if clear and specific scope is not defined, has led the Owner to seek assistance in revising the scope for the RFP.</p>			
<p>Therefore, the Consultant will:</p>			
<ul style="list-style-type: none"> • Take part in all pre-proposal meeting • Collect and record all comments during the meeting • Discuss with Owner the merits of comments collected during the meetings • Revise the RFP scope of services to perform planning, obtain Owner input, and prepare planning reports for the SCADA design, • Finalize the RFP and submit electronically to the Owner. • Take part in the evaluations of all submitted proposals 			
<p>MOTION: To adopt Resolution No. R-12-19</p>			

Date: March 11, 2019

DuPAGE WATER COMMISSION

RESOLUTION NO. R-12-19

A RESOLUTION APPROVING AND RATIFYING
CERTAIN TASK ORDERS UNDER A MASTER CONTRACT
WITH STRAND ASSOCIATES. AT THE MARCH 21, 2019,
DuPAGE WATER COMMISSION MEETING

WHEREAS, the Commission was formed and exists pursuant to the Water Commission Act of 1985, 70 ILCS 3720/0.01 et seq., and Division 135 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-135-1 et seq., for the purpose of securing an adequate source and supply of water for its customers; and

WHEREAS, the Commission entered into a contract with Strand Associates (the "Consultant"), dated as of May 16, 2013, to provide, from time to time, professional engineering services in connection with the design and construction of extensions and improvements to the Waterworks System and other 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 Consultant, that the circumstances said to necessitate the Task Orders were not reasonably foreseeable at the time the Master Contract was signed, the Task Orders are germane to the Master Contract as signed, and/or the Task Orders are in the best interest of the DuPage Water Commission and authorized by law.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2019.

Chairman

ATTEST:

Clerk

EXHIBIT 1

TASK ORDER NO. 3

In accordance with Section 1.1 of the Master Contract for Professional Engineering Services dated July 31, 2013, Owner and Consultant agree as follows:

1. **Project:**

Assistance with revision of the Request for Proposal (RFP) for the Design, Bidding-Related, and Construction-Related services for the Commission's SCADA System Replacement, Backhaul System, and Security Related Upgrades.

2. **Services of Consultant:**

The Commission is replacing its SCADA System, Backhaul System, and incorporating Security Related Upgrades. The complex and unique nature of the project, coupled with the possibility for significant variability in the responses if clear and specific scope is not defined, has led the Owner to seek assistance in revising the scope for the RFP.

Therefore, the Consultant will:

- Take part in all pre-proposal meeting
- Collect and record all comments during the meeting
- Discuss with Owner the merits of comments collected during the meetings
- Revise the RFP scope of services to perform planning, obtain Owner input, and prepare planning reports for the SCADA design,
- Finalize the RFP and submit electronically to the Owner.
- Take part in the evaluations of all submitted proposals

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

None.

4. **Commencement Date:**

As soon as notice to proceed is issued

5. **Completion Date:**

Draft RFP submitted within 4 Weeks from Notice to Proceed. Final RFP submitted within 2 weeks from receipt of Owner comments on the draft RFP.

6. **Submittal Schedule:**

None.

7. **Key Project Personnel:**

Chris J. Ulm, P.E.

Brent M. Studnicka, P.E.

8. **Contract Price:**

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

Notwithstanding the foregoing, the total Contract Price shall be NTE \$8,000.00 The contact price may be adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. **Payments:**

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

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

10. **Modifications to Contract:**

None

11. **Attachments:**

None

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

The Effective Date of this Task Order is _____, 2019.

DUPAGE WATER COMMISSION

By: _____
John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Terry McGhee

Title: Manager of Water Operations

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

E-mail Address: mcghee@dpwc.org

Phone: (630) 834-0100

Fax: (630) 834-0120

Consultant
By: _____

Name: Matthew S. Richards

Title: Corporate Secretary

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Chris J. Ulm, P.E.

Title: Senior Associate

Address: 1170 S. Houbolt Road, Joliet, IL 60431

E-mail Address: chris.ulm@strand.com

Phone: (815) 744-4200

**ATTACHMENT A-1 TO TASK 3
CONTRACT PRICE SCHEDULE**

**DUPAGE WATER COMMISSION
ESTIMATED NOT-TO-EXCEED FEE
PREPARATION OF RFP FOR SCADA SYSTEM UPGRADE
PREPARED BY: STRAND ASSOCIATES, INC. FEBRUARY 2018**

Tasks/Hours

<u>Task Description</u>	<u>Estimated Hours</u>		<u>Notes</u>
	<u>Project Engineer</u>	<u>Office Production</u>	
Task Order Prep	3	2	
Meetings with Proposing Firms	12	0	Four meetings at Commission's office for 1.5 hours each, plus 45 minutes travel time each way
RFP Modification	2	2	Two hours of engineering time, plus two hours of office production time
Review Proposals and Summarize Observations	12	0	Four proposals, 3 hours each
RFP Review Meeting with Commission Staff	4	0	One meeting at Commission's Office for 2.5 hours, plus 45 minutes travel time each way
Total:	33	4	




Fee

<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Project Engineer	33	\$197/hr	\$6,501
Office Production	4	\$91/hr	\$364
Expenses*	--	--	\$832
Total:			\$7,697

* - Expenses consist of mileage, postage, telephone, reproduction, and computer time.

DATE: March 16, 2019

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Facilities Construction - Safety Coordinator
ITEM	A Resolution Approving a First Amendment to Task Order No. 5 under a Master Contract with AECOM Technical Services, Inc. Resolution No. R-13-19	APPROVAL   	
Account No.: 01-60-771200 - \$4,600.00			
<p>The Commission has previously entered into a Master Contract with AECOM Technical Services for professional engineering services. On April 20, 2017, the Board approved R-11-17 and Task Order No. 5 to perform OSHA required Short Circuit and Protective Curve Coordination Calculations as well as an Arc Flash Hazard analysis by qualified electrical engineers at the equipment installed at 132 Commission-owned remote facility sites.</p> <p>Since the studies have been completed, the Commission approved the replacement of variable frequency drives (VFDs) at the Tank Site No. 1 Pump Station and has determined that additional Arc Flash Hazard analyses and additional labelling of the VFDs and electric unit heater equipment for various facilities is warranted.</p> <p>The 1st Amendment to Task Order No. 5 will provide for the extension of the work to complete the necessary analyses and provide required safety labelling at a cost not-to exceed \$4,600.00 making the total cost for Task Order No. 5 as being \$72,500.00.</p>			
MOTION: Approve R-13-19 and the 1 st Amendment to Task Order No. 5 to the Master Contract with AECOM Technical Services, Inc.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-13-19

A RESOLUTION APPROVING A FIRST AMENDMENT TO
TASK ORDER NO. 5 UNDER A MASTER CONTRACT
WITH AECOM TECHNICAL SERVICES, INC.

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with AECOM Technical Services, 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, pursuant to Resolution No. R-11-17, the Commission approved Task Order No. 5 to the Master Contract for Electrical Safety Studies for the DuPage Water Commission; and

WHEREAS, the Commission and Consultant desire to amend Task Order No. 5 to the Master Contract to add Arc Flash Analysis and labelling services, to extend the completion date for the design services to be provided, and to increase the not-to-exceed cost 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. 5 was signed, the changes are germane to the Task Order as signed, and/or

Resolution No. R-4-08

the changes are in the best interest of the DuPage Water Commission and authorized by law; and

WHEREAS, the Consultant has approved the First Amendment to Task Order No. 5 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 First Amendment to Task Order No. 5 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 _____, 2019.

Chairman

ATTEST:

Clerk

EXHIBIT 1

**FIRST AMENDMENT TO
TASK ORDER NO. 5**

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission ("Owner") and AECOM Technical Services, Inc. ("Consultant"), for Professional Engineering Services dated June 19, 2013 (the "Contract"), Owner and Consultant agree to amend, effective March 22, 2019, Task Order No. 5 to the Electrical Safety Studies for the DuPage Water Commission (Task Order No. 5) as follows:

1. Completion Date:

Section 5, entitled "Completion Date," of Task Order No. 5 shall be amended in its entirety so that said Subsection 5A shall hereafter be and read as follows:

"May 30, 2019"

2. Contract Price:

Section 8, entitled "Contract Price," of Task Order No. 5 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 all Services, an amount equal to Consultant's Direct Labor Costs for all Services rendered by principals and employees engaged directly on the Project, plus an amount equal to the actual costs of all Reimbursable Expenses.

Notwithstanding the foregoing, the total Contract Price shall be increased by \$4,600.00 to a total not to exceed sum of \$72,500.00. The contract price maybe adjusted by a Change Order issued pursuant to Section 2.1 of the Contract."

In all other respects, Task Order No. 5 to the Contract shall remain in full force and effect, and Task Order No. 5 to the Contract shall be binding on both parties as hereinabove amended.

DUPAGE WATER COMMISSION

BY: _____

John F. Spatz
General Manager

AECOM TECHNICAL SERVICES, INC.

BY: _____
Michael H. Winegard, P.E.
Vice President