



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
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NOTICE IS HEREBY GIVEN THAT THE JANUARY REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD ON THURSDAY, JANUARY 18, 2018, AT 600 EAST BUTTERFIELD ROAD, ELMHURST, ILLINOIS 60126. THE AGENDA FOR THE JANUARY 2018 REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING IS AS FOLLOWS:

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, JANUARY 18, 2018
5:30 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

COMMITTEE MEMBERS

D. Loftus, Chair
J. Fennell
F. Saverino
M. Scheck
J. Zay

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

RECOMMENDED MOTION: To approve the Minutes of the January 18, 2018 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-1-18 A Resolution Approving and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17) (**Era-Valdivia – Decrease of Contract Price by \$7,600.00**)
- V. R-2-18 A Resolution Awarding a Contract for the Construction of the West Transmission Main (Contract TW-3/17) (**Benchmark Construction – \$13,242,601.00**)
- VI. R-3-18 A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with AECOM Technical Services (**Construction Services Related to Contract TW-3/17 West Transmission Main – Estimated \$348,990.00**)

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.

- VII. RFBA Request to Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the General Manager to Approve Purchase Requisition No. 49453 (**ITsavvy, LLC – \$33,388.87**)
- VIII. RFBA Request to Authorize the General Manager to Approve Purchase Requisition No. 49434 (**Insight Public Sector – \$28,592.94**)
- IX. Old Business
- X. Other
- XI. Adjournment

**MINUTES OF THE RESCHEDULED MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, DECEMBER 14, 2017
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

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

Committee members in attendance: J. Fennell, D. Loftus, F. Saverino, M. Scheck and J. Zay

Committee members absent: None

Also in attendance: C. Bostick, E. Kazmierczak, J. Schori, J. Spatz and M. Weed.

Commissioner Scheck moved to approve the Minutes of the November 16, 2017 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Fennell.

Ayes: J. Fennell, D. Loftus F. Saverino, M. Scheck and J. Zay

Nays: None

Chairman Loftus gave a brief report regarding the interaction with the Downers Grove Duplo Destroyers of the First Lego League. Chairman Loftus, along with Commissioner Broda and Commission Staff discussed with the students the project they are undertaking on the Human Water Cycle and in particular seeking a method to monitor to residential lead contamination of drinking water. Chairman Loftus stated that the students were very well informed on the topic and they had some very interesting ideas of how to accomplish their mission.

Regarding R-41-17, Facilities Construction Supervisor Bostick advised the Committee the action is requesting Board authorization to enter into a three-year agreement to provide landscaping services at the DuPage Pumping Station and at various remote facilities. Facilities Construction Supervisor Bostick also advised the Committee that the lowest responsible bidder, Beary Landscaping, has been satisfactorily performing the contract services for the Commission over the past few years.

Regarding R-42-17, Facilities Construction Supervisor Bostick advised the Committee the action is requesting Board authorization to enter into a contract to replace a domestic hot water heating system at the DuPage Pumping Station. Facilities Construction Supervisor Bostick advised the Committee that Staff is recommending the rejection of the two lowest bidders due to: incomplete proposals having been submitted; failure to bid the labor cost as required by the prevailing wage ordinance; and submitting various exceptions to the specifications including: the requirement to provide bonds and the means and methods to protect existing Commission facilities. R-42-17 is

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recommending award of the contract to Hill Mechanical who materially complied in all aspects of the bid requirements and is the most favorable to the interests of the Commission.

Regarding the Village of Bartlett water service, Facilities Construction Supervisor Bostick advised the Committee that the pipeline project's bidding period has been extended by addendum with the scheduled bid opening now being January 5th.

Facilities Construction Supervisor Bostick advised the Committee that R-44-17 appears on the agenda to award two contracts for Quick Response Electrical Contract (QRE-8/17): one contract to McWilliams Electric, a current QRE Contractor who has maintained costs from the previous contract; and the second to Volt Electric, Inc. Facilities Construction Supervisor Bostick reminded the Committee that any work necessary will be proposed by both contractors and Staff would make recommendations to the Board based on the QRE contractor's proposals.

Regarding the Flow Meter Replacement Project, Facilities Construction Supervisor Bostick advised the Committee that the work by Staff and Mecon Industries is underway.

Facilities Construction Supervisor Bostick advised the Committee that the work regarding replacement 48" butterfly valve for the transmission main on the north side of Downers Grove is complete and the transmission main is back in service.

Facilities Construction Supervisor Bostick advised the Committee a Request for Board Action appears on the agenda to authorize a purchase requisition to continue the services of Irth Solutions LLC for the upcoming year. Facilities Construction Supervisor Bostick advised the Committee that Irth manages approximately 60,000 annual JULIE requests to locate Commission facilities and automatically screens the requests, routes and maps the requests, responds to requests and notifies the Commission of emergency requests. General Manager Spatz advised the Board that Board authorization is necessary due to the cost exceeding the General Manager's approval authority.

Chairman Loftus inquired with the Committee if there were any questions regarding the action items. Hearing none, Commissioner Fennel moved to recommend approval of items 2 through 5 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Scheck.

Ayes: J. Fennell, D. Loftus F. Saverino, M. Scheck and J. Zay

Nays: None

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

Facilities Construction Supervisor Bostick advised the Committee that Staff is considering the replacement of keyed locks at all Commission owned facilities, but are

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primarily considering remote facilities replacements now. Facilities Construction Supervisor Bostick advised the Committee of the necessity of replacement of several grand-master keying systems is due systems having been in place for years and are due for updating. Facilities Construction Supervisor Bostick also advised that Staff bring would proposals for the hardware and labor to a future Committee meeting for review and action.

Commissioner Scheck moved to adjourn the meeting at 6:18 P.M. Motion seconded by Commissioner Saverino.

Ayes: J. Fennell, D. Loftus F. Saverino, M. Scheck and J. Zay

Nays: None


SP2013/MINUTES/ENGINEERING/2017/ENG171214.doc



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: January 11, 2018

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of December were a total of 2.0 billion gallons. This represents an average day demand of 65.4 million gallons per day (MGD), which is lower than the December 2016 average day demand of 66.1 MGD. The maximum day demand was 75.0 MGD recorded on December 13, 2017, which is higher than the December 2016 maximum day demand of 71.0 MGD. The minimum day flow was 59.9 MGD.

The Commission's recorded total precipitation for the month of December was 0.6 inches compared to 1.8 inches for December 2016. The level of Lake Michigan for December 2017 is 580.0 (Feet IGLD 1985) compared to 579.1 (Feet IGLD 1985) for December of 2016

Water Conservation

Downers Grove North High School will attend a presentation and tour at the Commission on April 3rd and April 6th, 2018.

Staff will be attending Glendale Heights' Senior Center Lunch & Learn to present water quality and conservation along with Glendale Heights' Green Team on April 13, 2018.

Ongoing: Staff is working with SCARCE to earn their Earth Flag. The process consists of a green audit, staff training in recycling and conservation, an action that involves the

Commission in the community (i.e. a book drive, cleaning a creek, adopting a highway, etc.), and finally presenting the Earth Flag to the Board Members. Staff has completed the green audit and is working with SCARCE to set up dates for staff training.

Bartlett Water Service

R-2-18 appears on the agenda to award a Contract for the Construction of the West Transmission Main (Contract TW-3/17) commonly referred to as the Bartlett Transmission Main.

R-3-18 appears on the agenda seeking approval and ratification of a Task Order with AECOM Technical Services to provide Engineering Services related to the construction of Contract TW-3/17, the West Transmission Main, at an estimated cost of \$348,990.00.

The pipeline construction permitting process continues with various governmental agencies.

A kick-off meeting is being scheduled in early February regarding the design of the Bartlett Metering Station and Connection Facilities.

Facilities Construction Overview

Standpipe Rehabilitation

Change Order No. 1 for The Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17) with Era-Valdivia Contractors, Inc. appears on the Agenda as R-1-18. The Change Order recommends a Final Balancing Change Order for actual units expended during the Work and, recommends Final Acceptance of the Work at a net decrease in Contract Price of \$7,600.00. This action would also approve release of all monies held in retention conditioned upon receipt of all contractually required documentation.

Instrumentation / Remote Facilities Overview

On the agenda for consideration is a Request For Board Action to authorize the General Manager to approve Requisition No. 49434 to purchase two VMware Host Servers to replace the five year old servers that are out of manufactures extended warranty. Three quotes were received from vendors and Insight Public Sector had the lowest cost of \$28,592.94.

On the agenda for consideration is a Request For Board Action to suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 49453 in the amount of \$33,388.87 to ITsavvy, LLC for a new network backup solution. Staff is recommending the Unitrends Backup with Cloud Replication as a replacement to the existing backup solution after demonstrations of two different manufactures and discussions of options. Unitrends has a special promotional pricing for

new customers through the end of January offering the hardware backup appliance at no cost, a \$19,999.00 value, with a minimum of 2 TB cloud storage and three-year support contract. ITsavvy is the only reseller able to offer this to the Commission.

Flow Meter Replacement Project

The Flow Meter Replacement Project Contract with Meccon Industries to replace water meters at the Commission's meter stations is ongoing and is anticipated to be complete in late Summer 2018.

Quick Response Electrical Contract QRE-7/15

Work Authorization Order No.16 to prepare all meter stations for the new flow meters is ongoing and anticipated to be complete by the end of January.

Infor EAM

Staff completed upgrades the Infor Enterprise Asset Management system from version 11.1 to 11.3.

Pipeline Maintenance and Construction Overview

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

Replacement of a 60" diameter butterfly valve located in the City of Oakbrook Terrace is tentatively scheduled in Spring 2018.

JANUARY 2018 COMMISSION AGENDA ITEMS:

- R-1-18** A Resolution Approving and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17) (**Era-Valdivia – Decrease of Contract Price by \$7,600.00**)

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- RFBA** Request to Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the General Manager to Approve Purchase Requisition No. 49453 (ITsavvy, LLC – **\$33,388.87**)

RFBA Request to Authorize the General Manager to Approve Purchase Requisition No. 49434 (**Insight Public Sector – \$28,592.94**)

Attachments

1. DuPage Laboratory Bench Sheets for December 2017
2. Water Sales Analysis 01-October-2009 to 31-December-2017
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2018/0111.docx>

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR DECEMBER 2017

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂	TURBIDITY	PO ₄	FREE CL ₂	TURBIDITY	TEMP	pH	Fluoride	PO ₄	P.A.C.	ANALYST
	mg/l	NTU	mg/l	mg/l	NTU				°F	mg/l	
1	0.92	0.08	0.52	0.92	0.07	51	7.5	0.9	0.52	0	CT
2	0.94	0.10	0.57	0.92	0.07	53	7.5	0.8	0.58	0	RC
3	1.00	0.09	0.56	0.86	0.07	53	7.6	0.8	0.54	0	RC
4	1.00	0.09	0.56	0.94	0.07	53	7.6	0.8	0.51	0	CT
5	0.95	0.10	0.55	0.94	0.08	50	7.5	0.7	0.54	0	CT
6	0.93	0.09	0.56	0.89	0.07	52	7.5	0.8	0.58	0	RC
7	0.94	0.10	0.58	0.95	0.07	50	7.5	0.8	0.59	0	RC
8	0.95	0.09	0.55	0.94	0.08	53	7.5	0.8	0.55	0	RC
9	0.96	0.09	0.56	0.93	0.07	53	7.5	0.8	0.54	0	CT
10	0.97	0.08	0.53	0.97	0.07	53	7.5	0.7	0.59	0	CT
11	0.96	0.09	0.57	0.96	0.08	50	7.4	0.8	0.59	0	RC
12	0.95	0.10	0.58	0.93	0.08	49	7.5	0.8	0.53	0	RC
13	0.95	0.09	0.55	0.91	0.07	51	7.5	0.8	0.53	0	CT
14	0.98	0.09	0.53	0.90	0.07	50	7.5	0.8	0.54	0	CT
15	0.94	0.09	0.56	0.93	0.08	51	7.5	0.8	0.55	0	CT
16	0.98	0.08	0.54	0.95	0.07	51	7.5	0.8	0.53	0	RC
17	0.99	0.10	0.55	0.98	0.06	50	7.5	0.8	0.57	0	RC
18	1.00	0.10	0.59	0.94	0.07	50	7.5	0.8	0.59	0	CT
19	0.96	0.09	0.59	0.98	0.07	50	7.5	0.8	0.57	0	CT
20	0.95	0.09	0.52	0.96	0.06	51	7.6	0.8	0.55	0	RC
21	0.98	0.09	0.56	0.94	0.07	52	7.5	0.9	0.55	0	RC
22	1.00	0.10	0.55	0.97	0.08	50	7.6	0.9	0.52	0	RC
23	1.00	0.10	0.55	0.98	0.08	51	7.5	0.8	0.55	0	AM
24	1.00	0.08	0.54	0.96	0.09	51	7.5	0.8	0.57	0	AM
25	0.98	0.08	0.57	0.90	0.08	52	7.6	0.9	0.55	0	AM
26	0.98	0.10	0.57	0.97	0.08	49	7.6	0.8	0.55	0	CT
27	1.00	0.08	0.56	0.93	0.09	50	7.6	0.8	0.54	0	AM
28	1.00	0.08	0.57	0.93	0.08	49	7.6	0.8	0.53	0	AM
29	1.00	0.08	0.52	0.94	0.09	48	7.7	0.9	0.49	0	AM
30	0.94	0.08	0.58	0.95	0.08	45	7.6	0.9	0.59	0	KD
31	0.95	0.08	0.56	0.96	0.08	44	7.7	0.9	0.57	0	KD
AVG	0.97	0.09	0.56	0.94	0.08	50	7.5	0.8	0.55	0	
MAX	1.00	0.10	0.59	0.98	0.09	53	7.7	0.9	0.59	0	
MIN	0.92	0.08	0.52	0.86	0.06	44	7.4	0.7	0.49	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Dec-17

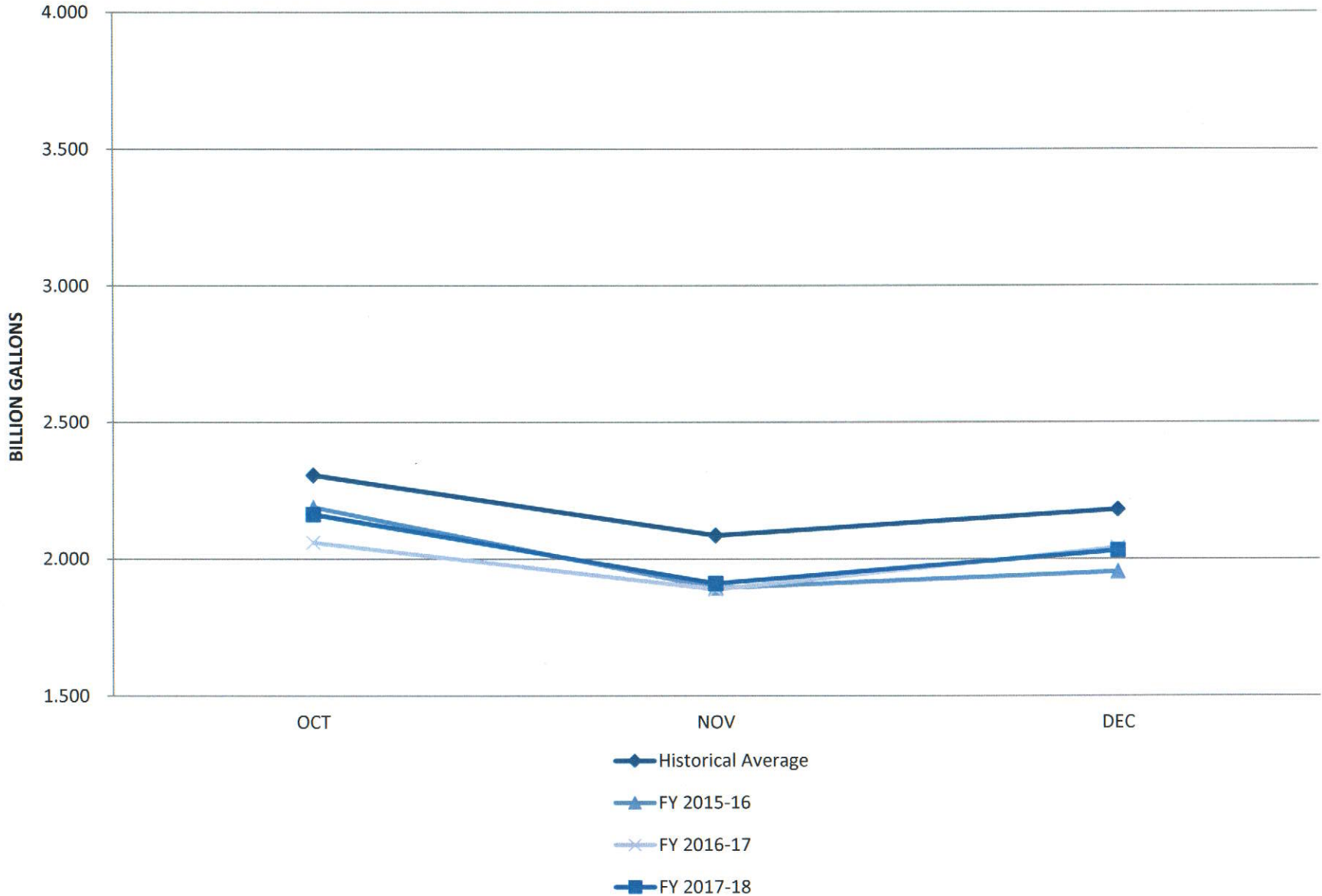
PER DAY AVERAGE 79,405,413

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-14	2,278,578,000	2,351,587,455	96.90%	\$9,045,954.66	\$7,797,864.00	498,618	0.02%	96.92%	\$3.97	\$3.316
Jun-14	2,389,528,000	2,472,371,532	96.65%	\$9,486,426.16	\$8,198,384.00	11,296,747	0.46%	97.11%	\$3.97	\$3.316
Jul-14	2,517,890,000	2,597,231,604	96.95%	\$9,996,023.30	\$8,612,420.00	9,644,357	0.37%	97.32%	\$3.97	\$3.316
Aug-14	2,545,942,000	2,624,634,258	97.00%	\$10,107,389.74	\$8,703,287.20	1,259,369	0.05%	97.05%	\$3.97	\$3.316
Sep-14	2,228,595,000	2,290,499,879	97.30%	\$8,847,522.15	\$7,595,297.60	1,529,007	0.07%	97.36%	\$3.97	\$3.316
Oct-14	2,059,231,000	2,118,627,503	97.20%	\$8,175,147.07	\$7,025,368.80	786,729	0.04%	97.23%	\$3.97	\$3.316
Nov-14	1,930,966,000	1,981,464,656	97.45%	\$7,665,935.02	\$6,570,536.80	772,326	0.04%	97.49%	\$3.97	\$3.316
Dec-14	1,988,067,000	2,049,776,840	96.99%	\$7,892,625.99	\$6,797,060.00	675,456	0.03%	97.02%	\$3.97	\$3.316
Jan-15	2,054,769,000	2,114,481,626	97.18%	\$9,616,318.92	\$8,062,518.44	717,028	0.03%	97.21%	\$4.68	\$3.813
Feb-15	1,886,817,000	1,941,072,846	97.20%	\$8,830,303.56	\$7,401,310.76	543,923	0.03%	97.23%	\$4.68	\$3.813
Mar-15	2,094,277,000	2,161,266,992	96.90%	\$9,801,216.36	\$8,240,911.04	965,682	0.04%	96.95%	\$4.68	\$3.813
Apr-15	1,984,985,000	2,045,765,854	97.03%	\$9,289,729.80	\$7,800,505.20	10,301,376	0.50%	97.53%	\$4.68	\$3.813
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	\$7,524,546.68	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	2,586,373,000	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	9,362,175	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
TOTALS (1)	744,505,153,798	765,691,502,615	97.23%	\$1,446,786,232.25	\$1,311,605,243.81	764,373,092	0.10%	97.33%	\$1.94	\$1.713

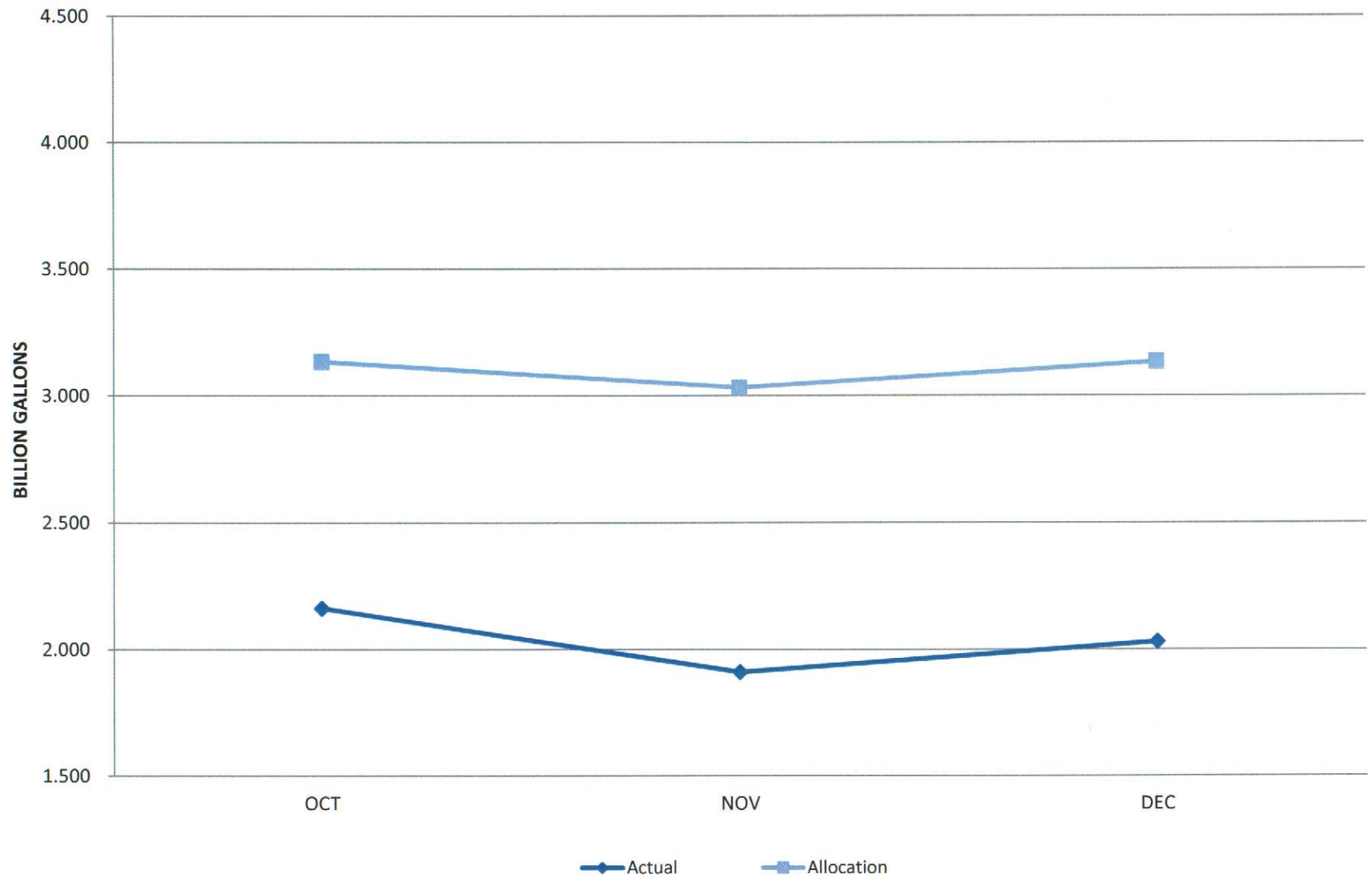
- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD	Dec-16	Dec-17								
	18,258,366,000	18,867,891,056	96.77%	87,640,157	71,943,269				\$4.80	\$3.813
	18,645,879,000	19,292,673,803	96.65%	90,991,890	74,759,001				\$4.88	\$3.875
	387,513,000	424,782,747		\$3,351,733	\$2,815,732					
	2.1%	2.3%		3.8%	3.9%					
Month	Dec-16	2,041,053,000	2,106,979,512	96.87%	9,797,054	8,033,913			\$4.80	\$3.813
Dec-17	2,030,983,000	2,097,595,921	96.82%	9,911,197	8,144,965				\$4.88	\$3.883
	(10,070,000)	(9,383,591)		\$114,143	\$111,052					
	-0.5%	-0.4%		1.2%	1.4%					
Dec>Nov	120,024,000	112,158,867		585,717	435,513					


DU PAGE WATER COMMISSION SALES FY 2017-18, 2016-17 & 2015-16 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2017-18 VS. ALLOCATION



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 and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. (Contract SS-8/17) at the January 18, 2017, DuPage Water Commission Meeting Resolution No. R-1-18	APPROVAL	

Account Numbers: 01-60-770701

Resolution No. R-1-18 would approve the following Change Orders:

Change Order No. 1 to Contract Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17).

1. Included in the Contract Proposal are several indeterminate unit price items. The exact number of units was to be determined by the Resident Engineer and the final Contract Price determined accordingly. The modified units and Contract Price modification is as listed in the table below.
2. This Change Order would also grant Final Acceptance of the Work and Allow the General Manager to make Final Payment, including the release of all monies held in Retainage, conditioned upon receipt of all contractually required documentation.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Contract Quantity</u>	<u>Price Per Unit</u>	<u>Final Quantity</u>	<u>Adjusted Quantity</u>	<u>Extension</u>
J.	Logos	Each	2	\$10,000.00	1	(1)	(\$10,000.00)
CO#1	Hatch Replacement	Lump Sum	0	\$2,400.00	1	1	\$2,400.00
Net Decrease							(\$7,600.00)

Approval of this Change Order would decrease the net Contract Price by \$7,600.00 making the Final Contract Price \$1,412,430.00.

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

MOTION: To approve Resolution No. R-1-18.

DRAFT

DUPAGE WATER COMMISSION

RESOLUTION NO. R-1-18

A RESOLUTION APPROVING AND RATIFYING
CERTAIN CONTRACT CHANGE ORDERS AT THE
JANUARY 18, 2018, DUPAGE WATER COMMISSION MEETING

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

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

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

AYES:

NAYS:

ABSENT:

ADOPTED this _____ day of _____, 2018.

Chairman

ATTEST:

Clerk

Exhibit 1

Resolution No. R-1-18

1. Change Order No. 1 to Contract Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 3 (Contract SS-8/17) for a \$7,600.00 net decrease in the Contract Price due to the balancing of indeterminate items and to Grant Final Acceptance of the Work.

DuPAGE WATER COMMISSION
CHANGE ORDER

SHEET 1 OF 3

PROJECT NAME: Rehabilitation of Coating Systems
and Fall Protection Systems for
Tank Site No. 3

CHANGE ORDER NO. 1

LOCATION: DuPage County, Illinois

CONTRACT NO. SS-8/17

CONTRACTOR: Era-Valdivia Contractors, Inc.

DATE: January 18, 2018

I. A. DESCRIPTION OF CHANGES INVOLVED:

1. Balancing of final indeterminate unit price items and grant Final Acceptance.

B. REASON FOR CHANGE:

1. Close out of indeterminate items.

C. REVISION IN CONTRACT PRICE:

1. Net Decrease of \$7,600.00 as detailed below.

<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Contract Quantity</u>	<u>Price Per Unit</u>	<u>Final Quantity</u>	<u>Adjusted Quantity</u>	<u>Extension</u>
J.	Logos	Each	2	\$10,000.00	1	(1)	(\$10,000.00)
CO#1	Hatch Replacement	Lump Sum	0	\$2,400.00	1	1	\$2,400.00
Net Decrease							(\$7,600.00)

II. CHANGE ORDER CONDITIONS:

1. The Contract Period established in the Contract, as signed or as modified by previous Change Orders, maintains the Contract Completion Date of November 4, 2017.
2. Any Work to be performed under this Change Order shall be provided, performed, and completed in full compliance with, and as required by or pursuant to, the Contract, including any Specifications and Contract Drawings for the Work to be performed under this Change Order and for Work of the same type as the Work to be performed under this Change Order, and as specified in the preceding "Description of Changes Involved."
3. Unless otherwise provided herein, all Work included in this Change Order shall be guaranteed and warranted as set forth in, and Contractor shall not be relieved from strict compliance with, the guaranty and warranty provisions of the Contract.
4. All Work included in this Change Order shall be covered under the Bonds and the insurance coverages specified in the Contract. If the Contract Price, including this Change Order, exceeds the Contract Price set forth in the Contract, as signed, by twenty percent (20%), Contractor shall submit to Owner satisfactory evidence of such increased coverage under the Bonds if requested by Owner.

III. ADJUSTMENTS IN CONTRACT PRICE:

1.	Original Contract Price	\$	<u>1,420,030.00</u>
2.	Net (addition) (reduction) due to all previous Change Orders	\$	<u>0.00</u>
3.	Contract Price, not including this Change Order	\$	<u>1,420,030.00</u>
4.	(Addition) Reduction to Contract Price due to this Change Order	\$	<u>-7,600.00</u>
5.	Contract Price including this Change Order	\$	<u>1,412,430.00</u>

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Dixon Engineering, Inc.

By: _____ ()
 Signature of Authorized Date
 Representative

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

CONTRACTOR: Era-Valdivia Contractors, Inc.


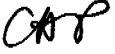
By: _____ ()
 Signature of Authorized Date
 Representative

DUPAGE WATER COMMISSION:

By: _____ ()
 Signature of Authorized Date
 Representative

DATE: January 9, 2018

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	General Manager's Office
ITEM	A Resolution Awarding Contract TW-3/17 West Transmission Main Resolution No. R-2-18	APPROVAL	 

Account Number: 01-60-711500

On October 6, 2017 contractor pre-qualification applications were sent out to 14 contractors in the Chicago Metropolitan Area based upon the Commission's and AECOM's experience, and knowledge of, each contractor's ability to complete the Bartlett water main. Five applications for pre-qualification were received by the close of business on October 20, 2017.

Pursuant to the Board's approval of R-26-17, A Resolution Directing Advertisement for DWC Supply Line to the Village of Bartlett Project, and in accordance with state statute, Staff solicited bids for the construction of the West Transmission Main, Contract TW-3/17 in the *Chicago Tribune* and *The Daily Herald*. In addition, the Commission posted the advertisement on its website and solicited bids by direct invitation. Sealed bids were received until 10:00 a.m., local time, January 5, 2018, at which time all bids were publicly opened and read aloud.

Of the five contractors who attended the mandatory pre-bid meeting and examined the bidding documents prior to the bid opening, five contractors submitted proposals. The bid tabulation is as follows:

Contractor	Bid Amount
Benchmark Construction	\$ 13,248,301
John Neri Construction	\$ 13,662,485
Joel Kennedy Construction Corporation	\$ 15,255,975
Reliable Construction	\$ 19,658,800
Rossi Contractors Inc.	\$ 26,895,700
<i>Engineers Estimate</i>	\$16,700,000

The proposal of Benchmark Construction was determined to be in the best interest of the Commission and therefore Staff recommends awarding Contract TW-3/17, Construction of the West Transmission Main to Benchmark Construction in the amount of \$13,242,601 conditioned upon the receipt of all contractually required documentation and such other additional information that may be requested by the General Manager of the Commission in accordance with Contract Documents that is acceptable to the DuPage Water Commission. Benchmark's bid contained a math error which when corrected reduced their bid from \$13,248,301 to \$13,242,601.

Motion: To Adopt Resolution R-2-18

DUPAGE WATER COMMISSION

RESOLUTION NO. R-2-18

A RESOLUTION AWARDED
A CONTRACT FOR THE CONSTRUCTION OF THE WEST TRANSMISSION MAIN
(Contract TW-3/17)

WHEREAS, pursuant to Article VIII, Section 5 of the Commission's By-Laws, the DuPage Water Commission (the "Commission") invited proposals for the Construction of the West Transmission Main, Contract TW-3/17; and

WHEREAS, bids for Contract TW-3/17: Contract for the Construction of the West Transmission Main were received on January 5, 2018; and

WHEREAS, the DuPage Water Commission has reviewed the proposals received and determined that the proposal of Benchmark Construction was the most favorable to the interests of the Commission;

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 as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission Hereby awards Contract TW-3/17: Contract for the Construction of the West Transmission Main to Benchmark Construction in the amount of \$ 13,242,601, conditioned upon the receipt of all contractually required documentation and such other additional information that may be requested by the General Manager of Commission in accordance with the Contract that is acceptable to the DuPage Water Commission.

Resolution No. R-2-18

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ___ DAY OF _____, 2018.

Chairman

ATTEST:

Clerk

Board/Resolutions/R-2-18.docx

DUPAGE WATER COMMISSION

RESOLUTION NO. R-2-18

A RESOLUTION AWARDING
A CONTRACT FOR THE CONSTRUCTION OF THE WEST TRANSMISSION MAIN
(Contract TW-3/17)

WHEREAS, pursuant to Article VIII, Section 5 of the Commission's By-Laws, the DuPage Water Commission (the "Commission") invited proposals for the Construction of the West Transmission Main, Contract TW-3/17; and

WHEREAS, bids for Contract TW-3/17: Contract for the Construction of the West Transmission Main were received on January 5, 2018; and

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

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Resolution No. R-2-18

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ___ DAY OF _____, 2018.

Chairman

ATTEST:

Clerk

Board/Resolutions/R-2-18.docx



AECOM
303 East Wacker Drive
Suite 1400
Chicago, IL 60601
www.aecom.com

312 373 7700 tel
312 373 6800 fax

January 8, 2018

Mr. John Spatz
General Manager
DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126

Reference: DuPage Water Commission
TW-3/17 West Transmission Main
AECOM Project No.: 60537593

Dear Mr. Spatz:

Proposals for the subject project as covered by the Contract Documents prepared by AECOM Technical Services, Inc. (AECOM) were received until 10:00 AM on January 5, 2018, by the DuPage Water Commission. Shortly thereafter, the bids received were opened and the price bids were read aloud by Mr. John Spatz, General Manager of the DuPage Water Commission.

Five (5) bids were received. At the conclusion of the reading of all of the bids received, AECOM was authorized by the Commission to check the bids received and to prepare an official breakdown of all information received. In compliance therewith, we submit our Official Record of Bids Received, which has been certified by our Mr. Michael H. Winegard, P.E. The bids are tabulated in order of the low bidder first, the second low bidder second, etc. A summary of the bids received is listed below:

Contractor Base Bid	Total Base Bid (A Items)	Corrected Total Base Bid (A Items)	Total Base Bid (B Items)	Corrected Total Base Bid (B Items)
Benchmark Construction	\$13,248,301	\$13,242,601	\$14,348,236	\$14,342,536
John Neri Construction	\$13,662,485	\$13,632,515	\$14,309,735	\$14,279,765
Joel Kennedy Construction Corporation	\$15,255,975	\$18,546,015	No Bid	
Reliable Construction	\$19,658,800	\$19,648,810	No Bid	
Rossi Contractors, Inc.	\$26,895,700	\$26,895,700	No Bid	
Engineer's Estimate	\$16,700,000		\$17,500,000	



Mr. Spatz
January 8, 2018
Page 2

The following math errors should be noted:

- Benchmark Construction had a multiplication error on bid item #31.
- John Neri Construction misunderstood bid item #46. They should have multiplied that bid item by "2", not by "2,000".
- Joel Kennedy Construction Corporation also misunderstood bid item #46. They should have multiplied that bid item by "2", not by "2,000". Also, they appear to have made a mistake on bid item #59A. They listed "\$45,000", as the unit price, which likely resulted in the accidental addition of approximately \$3,500,000 to their corrected base bid. Their intent was likely for the total extended price to be "\$45,000", rather than the unit price.
- Reliable Construction also misunderstood bid item #46. They should have multiplied that bid item by "2", not by "2,000".

The bid forms of the lowest three bidders were reviewed in detail, and the following additional items should be noted:

Benchmark Construction

- The 10% bid bond was provided.
- Addenda #1, #2, and #3 were acknowledged.
- The bid form was completed and signed.

John Neri Construction

- The 10% bid bond was provided.
- Addenda #1, #2, and #3 were acknowledged.
- The bid form was completed and signed.

Joel Kennedy Construction Corporation

- The 10% bid bond was provided.
- Addenda #1, #2, and #3 were acknowledged.
- The bid form was completed and signed.

The corrected low bid by Benchmark Construction was \$13,242,601, or 20.7% below the Engineer's Estimate. The difference between the low and second low bidder was \$389,914 or 2.9%.

Additionally, based on our discussion at the bid opening, AECOM will not perform additional follow-up, such as calling references, etc. since Benchmark Construction has already been "pre-qualified" by the DuPage Water Commission.

Please advise us if a contract award should be made and to whom. Also, if the "A" or "B" base bid items are to be utilized. We can then proceed with the preparation of the Contract Documents for execution by the Contractor and the DuPage Water Commission.



Mr. Spatz
January 8, 2018
Page 3

Should you have any questions regarding the above, please do not hesitate to contact us.
Very truly yours,

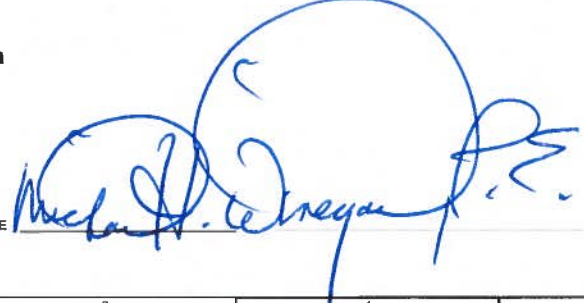
AECOM Technical Services, Inc.

A handwritten signature in black ink that reads "Michael H. Winegard, P.E.". The signature is written in a cursive style with large, overlapping loops for the letters 'M', 'W', and 'E'.

Michael H. Winegard, P. E.

Michael H. Winegard, P. E.
Vice President

DuPage Water Commission
TW-3/17 West Transmission Main
January, 2018



BID DATE: January 5, 2018

Certified Record of all Bids Received by AECOM Technical Services, Inc. By Michael H. Winegard, PE

LOCATION: DuPage Water Commission

600 Butterfield Road, Elmhurst, IL 60126

BID TABULATION - TW-3/17 WEST TRANSMISSION MAIN

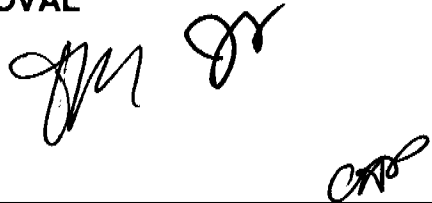
		1		2		3		4		5			
		Benchmark Construction Contact: Dominick Fiordezza Address: 7280 Southwind Blvd. Bartlett, IL 60103 Phone: 847-236-0785		John Neri Construction Contact: Nicolet Herl Address: 2830 N. Lincoln Ave., Chicago, IL 60657 Phone: 630-629-6364		Joel Kennedy Constructing Corporation Contact: Michael Patti Address: 2838 N. Lincoln Ave., Chicago IL 60657 Phone: 773-288-7757		Reliable Construction Contact: Kenneth Chen Address: 4100 S. Emerald Ave., Chicago, IL 60609 Phone: 312-858-3828		Rossi Contractors, Inc. Contact: Jon Gross Address: 201 W. Lake Street, Northlake, IL 60164 Phone: 773-287-7545			
1	Completed Bid Bond - 10%	Yes		Yes		Yes		Yes		Yes			
2	Acknowledged Addendum #1	Yes		Yes		Yes		Yes		Yes			
3	Acknowledged Addendum #2	Yes		Yes		Yes		Yes		Yes			
4	Acknowledged Addendum #3	Yes		Yes		Yes		Yes		Yes			
5	Completed & Signed Bid	Yes		Yes		Yes		Yes		Yes			
Item No.	Bid Item Description	No. Units	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1A	Installation of 30-inch diameter ductile iron pipe water main and fittings, complete, in place and ready to use	24,700	LF	\$343.50	\$8,484,450.00	\$325.00	\$8,027,500.00	\$382.00	\$9,435,400.00	\$535.00	\$13,214,500.00	\$769.00	\$18,994,300.00
1B	Installation of 30-inch diameter steel pipe water main inside 48-inch diameter steel casing pipe, installed by jacking or auguring under highway or railroad, complete, in place and ready for use	24,700	LF	\$388.05	\$9,584,835.00	\$350.00	\$8,645,000.00	No Bid		No Bid		No Bid	
2A	Installation of 30-inch diameter ductile iron pipe water main inside 48-inch diameter steel casing pipe, installed by jacking or auguring under highway or railroad, complete, in place and ready for use	450	LF	\$515.00	\$231,750.00	\$1,210.00	\$544,500.00	\$1,400.00	\$630,000.00	\$1,765.00	\$794,250.00	\$3,900.00	\$1,755,000.00
2B	Installation of 30-inch diameter steel pipe water main inside 48-inch diameter steel casing pipe, installed by jacking or auguring under highway or railroad, complete, in place and ready for use	450	LF	\$514.00	\$231,300.00	\$1,195.00	\$537,750.00	No Bid		No Bid		No Bid	
3A	Installation of 30-inch diameter ductile iron pipe water main inside 48-inch diameter steel casing pipe, installation methods selected by the Contractor, in place and ready for use	75	LF	\$960.00	\$72,000.00	\$1,150.00	\$86,250.00	\$1,100.00	\$82,500.00	\$1,078.00	\$80,850.00	\$3,900.00	\$292,500.00
3B	Installation of 30-inch diameter steel pipe water main inside 48-inch diameter steel casing pipe, installation methods selected by the Contractor, in place and ready for use	75	LF	\$960.00	\$72,000.00	\$1,125.00	\$84,375.00	No Bid		No Bid		No Bid	
4A	Connection to existing 24-inch diameter water main, including removal of existing piping and installation of 24-inch x 24-inch ductile iron tee, 30-inch x 24-inch reducer, approximately 40 LF of 24-inch diameter ductile iron pipe water main, fittings and adapters, complete, in place and ready for use	1	EA	\$30,000.00	\$30,000.00	\$45,000.00	\$45,000.00	\$60,000.00	\$60,000.00	\$131,100.00	\$131,100.00	\$186,500.00	\$186,500.00
4B	Connection to existing 24-inch diameter water main, including removal of existing piping and installation of 24-inch x 24-inch steel tee, 30-inch x 24-inch steel reducer, approximately 40 LF of 24-inch diameter steel pipe water main, fittings and adapters, complete, in place and ready for use	1	EA	\$30,000.00	\$30,000.00	\$84,500.00	\$84,500.00	No Bid		No Bid		No Bid	
5	Installation of 24-inch diameter class 52, ductile iron pipe water main and fittings, complete, in place and ready for use	890	LF	\$225.00	\$200,250.00	\$225.00	\$200,250.00	\$330.00	\$293,700.00	\$345.00	\$307,050.00	\$537.00	\$477,930.00
6	Approximately 32 lineal feet of 16-inch diameter class 52, restrained ductile iron pipe water main, with one (1) 16-inch diameter butterfly valve, one (1) 24-inch x 16-inch tee, and one (1) 16-inch diameter restrained plug, complete, and all required fittings, adapters and appurtenances, complete, in place and ready for use	2	EA	\$40,000.00	\$80,000.00	\$37,500.00	\$75,000.00	\$65,000.00	\$130,000.00	\$31,758.00	\$63,516.00	\$60,700.00	\$121,400.00
7	30-inch diameter butterfly valve and valve operator vault, complete, in place and ready for use	6	EA	\$25,000.00	\$150,000.00	\$42,500.00	\$255,000.00	\$50,000.00	\$300,000.00	\$43,301.00	\$259,806.00	\$46,000.00	\$276,000.00
8	24-inch diameter butterfly valve and valve vault, complete, in place and ready for use	1	EA	\$32,750.00	\$32,750.00	\$36,500.00	\$36,500.00	\$45,000.00	\$45,000.00	\$32,085.00	\$32,085.00	\$45,935.00	\$45,935.00
9	Blow-Off Branch Manhole, complete, in place and ready for use	13	EA	\$20,200.00	\$262,600.00	\$34,500.00	\$448,500.00	\$35,000.00	\$455,000.00	\$35,839.00	\$465,907.00	\$25,300.00	\$328,900.00
10	Air release valve and access manhole, complete, in place and ready for use	16	EA	\$7,500.00	\$120,000.00	\$27,500.00	\$440,000.00	\$40,000.00	\$640,000.00	\$33,650.00	\$538,400.00	\$17,300.00	\$276,800.00
11	Air release valve and manhole, complete, in place and ready for use	5	EA	\$6,000.00	\$30,000.00	\$15,000.00	\$75,000.00	\$20,000.00	\$100,000.00	\$12,308.00	\$61,540.00	\$16,200.00	\$81,000.00
12	Removal of existing manhole and replacement with new 5' IDOT Type A manhole, with frame and cover, complete in place, and ready for use	3	EA	\$3,000.00	\$9,000.00	\$3,600.00	\$10,800.00	\$3,500.00	\$10,500.00	\$3,500.00	\$10,500.00	\$16,700.00	\$50,100.00
13	Corrosion Control Test Station, complete, in place and ready for use	22	EA	\$1,455.00	\$32,010.00	\$7,550.00	\$166,100.00	\$2,000.00	\$44,000.00	\$6,400.00	\$140,800.00	\$4,760.00	\$104,720.00
14	8-inch diameter sanitary sewer removal and replacement, complete, in place and ready for use	120	LF	\$91.00	\$10,920.00	\$90.00	\$10,800.00	\$60.00	\$7,200.00	\$185.00	\$22,200.00	\$375.00	\$45,000.00
15	10-inch diameter sanitary sewer removal and replacement, complete, in place and ready for use	60	LF	\$97.00	\$5,820.00	\$100.00	\$6,000.00	\$70.00	\$4,200.00	\$190.00	\$11,400.00	\$320.00	\$19,200.00
16	10-inch diameter storm sewer removal and replacement with 12-inch diameter storm sewer, complete, in place and ready for use	50	LF	\$81.00	\$4,050.00	\$75.00	\$3,750.00	\$80.00	\$4,000.00	\$170.00	\$8,500.00	\$120.00	\$6,000.00
17	12-inch diameter sanitary sewer removal and replacement, complete, in place and ready for use	30	LF	\$93.00	\$2,790.00	\$120.00	\$3,600.00	\$80.00	\$2,400.00	\$195.00	\$5,850.00	\$270.00	\$8,100.00
18	12-inch diameter storm sewer removal and replacement, complete, in place and ready for use	1,500	LF	\$86.00	\$129,000.00	\$80.00	\$120,000.00	\$80.00	\$120,000.00	\$170.00	\$255,000.00	\$115.00	\$172,500.00
19	15-inch diameter storm sewer removal and replacement, complete, in place and ready for use	170	LF	\$108.00	\$18,360.00	\$85.00	\$14,450.00	\$100.00	\$17,000.00	\$175.00	\$29,750.00	\$120.00	\$20,400.00
20	15-inch diameter sanitary sewer removal and replacement with 16-inch diameter sanitary sewer, complete, in place and ready for use	120	LF	\$112.00	\$13,440.00	\$135.00	\$16,200.00	\$100.00	\$12,000.00	\$195.00	\$23,400.00	\$375.00	\$45,000.00
21	18-inch diameter storm sewer (or storm sewer culvert) removal and replacement, complete, in place and ready for use	120	LF	\$152.00	\$18,240.00	\$98.00	\$11,760.00	\$120.00	\$14,400.00	\$203.00	\$24,360.00	\$147.00	\$17,640.00
22	21-inch diameter storm sewer removal and replacement, complete, in place and ready for use	25	LF	\$236.00	\$5,900.00	\$110.00	\$2,750.00	\$130.00	\$3,250.00	\$225.00	\$5,625.00	\$279.00	\$6,975.00
23	36-inch diameter storm sewer removal and replacement, complete, in place and ready for use	30	LF	\$273.00	\$8,190.00	\$150.00	\$4,500.00	\$160.00	\$4,800.00	\$236.00	\$7,080.00	\$295.00	\$8,850.00

DuPage Water Commission
TW-3/17 West Transmission Main
January, 2018

				1		2		3		4		5	
				Benchmark Construction <small>Contact: Dominick Fiori Address: 2280 Southwind Blvd., Bartlett, IL 60103 Phone: 847-236-0755</small>		John Neri Construction <small>Contact: Nicolas Neri Address: 2830 N. Lincoln Ave., Chicago, IL 60657 Phone: 630-629-8354</small>		Joel Kennedy Constructing Corporation <small>Contact: Michael Patti Address: 2830 N. Lincoln Ave., Chicago IL 60657 Phone: 773-266-7757</small>		Reliable Construction <small>Contact: Kenneth Chen Address: 4100 S. Emerald Ave., Chicago, IL 60609 Phone: 312-669-3828</small>		Rossi Contractors, Inc. <small>Contact: Jon Gross Address: 201 W. Lake Street, Northlake, IL 60164 Phone: 773-287-7545</small>	
Item No.	Bid Item Description	No. Units	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
24	42-inch diameter storm sewer removal and replacement, complete, in place and ready for use	60	LF	\$377.00	\$22,620.00	\$175.00	\$10,500.00	\$180.00	\$10,800.00	\$248.00	\$14,880.00	\$332.00	\$19,920.00
25	Maintenance of Traffic/Traffic Control	1	LS	\$500,000.00	\$500,000.00	\$325,000.00	\$325,000.00	\$175,000.00	\$175,000.00	\$149,000.00	\$149,000.00	\$148,300.00	\$148,300.00
26	Maintenance of existing traffic signal installation	25	EA	\$5,500.00	\$137,500.00	\$1,600.00	\$40,000.00	\$5,500.00	\$137,500.00	\$5,775.00	\$144,375.00	\$7,950.00	\$198,750.00
27	Detector loop replacement	1,000	LF	\$16.00	\$16,000.00	\$25.00	\$25,000.00	\$15.00	\$15,000.00	\$17.00	\$17,000.00	\$24.00	\$24,000.00
28	Temporary traffic signal timings	25	EA	\$285.00	\$7,125.00	\$500.00	\$12,500.00	\$300.00	\$7,500.00	\$300.00	\$7,500.00	\$412.00	\$10,300.00
29	Temporary traffic signal installation	1	EA	\$16,661.00	\$16,661.00	\$25,000.00	\$25,000.00	\$17,000.00	\$17,000.00	\$17,495.00	\$17,495.00	\$24,100.00	\$24,100.00
30	Removal and reinstallation of existing chain link fencing and gates	850	LF	\$25.00	\$21,250.00	\$25.00	\$21,250.00	\$30.00	\$25,500.00	\$30.00	\$25,500.00	\$61.00	\$51,850.00
31	Silt Fence	100	LF	\$3.00	\$300.00 \$6,000.00	\$5.00	\$500.00	\$4.00	\$400.00	\$7.00	\$700.00	\$10.00	\$1,000.00
32	Double Silt Fence	2,500	LF	\$6.00	\$15,000.00	\$5.50	\$13,750.00	\$6.00	\$15,000.00	\$12.00	\$30,000.00	\$20.00	\$50,000.00
33	Bituminous roadway pavement restoration in Village of Roselle/Central Avenue right-of-way	11,600	SY	\$66.00	\$765,600.00	\$65.00	\$754,000.00	\$52.00	\$603,200.00	\$63.00	\$730,800.00	\$55.00	\$638,000.00
34	Bituminous roadway pavement restoration in Village of Hanover Park/Central Avenue right-of-way	4,500	SY	\$66.00	\$297,000.00	\$65.00	\$292,500.00	\$54.00	\$243,000.00	\$61.00	\$274,500.00	\$55.00	\$247,500.00
35	Roadway pavement restoration in DuDOT right-of-way along Greenbrook Boulevard	6,000	SY	\$105.00	\$630,000.00	\$105.00	\$630,000.00	\$114.00	\$684,000.00	\$143.00	\$858,000.00	\$112.00	\$672,000.00
36	Bituminous roadway pavement restoration in DuDOT right-of-way in Gary Avenue	310	SY	\$83.00	\$25,730.00	\$90.00	\$27,900.00	\$150.00	\$46,500.00	\$50.00	\$15,500.00	\$73.00	\$22,630.00
37	Bituminous roadway pavement restoration in Village of Bartlett right-of-way along Bittersweet Drive	3,000	SY	\$35.50	\$106,500.00	\$19.50	\$58,500.00	\$26.00	\$78,000.00	\$30.00	\$90,000.00	\$23.00	\$69,000.00
38	Bituminous roadway pavement restoration in Village of Bartlett right-of-way along Stearns Road	2,500	SY	\$60.00	\$150,000.00	\$75.00	\$187,500.00	\$68.00	\$170,000.00	\$22.00	\$55,000.00	\$69.00	\$172,500.00
39	Bituminous driveway pavement restoration at Standpipe Tank No. 1	1,200	SY	\$43.50	\$52,200.00	\$24.00	\$28,800.00	\$20.00	\$24,000.00	\$23.00	\$27,600.00	\$27.50	\$33,000.00
40	Concrete driveway restoration	65	SY	\$110.00	\$7,150.00	\$90.00	\$5,850.00	\$95.00	\$6,175.00	\$86.00	\$5,785.00	\$100.00	\$6,500.00
41	1-1/2-inch bituminous asphalt pavement mill and overlay	7,000	SY	\$9.15	\$64,050.00	\$12.50	\$87,500.00	\$15.00	\$105,000.00	\$15.00	\$105,000.00	\$13.25	\$92,750.00
42	Concrete Curb & Gutter restoration	1,600	LF	\$26.00	\$41,600.00	\$30.00	\$48,000.00	\$34.00	\$54,400.00	\$35.00	\$56,000.00	\$180.00	\$288,000.00
43	Installation of new, 2-inch diameter caliper tree	20	EA	\$600.00	\$12,000.00	\$750.00	\$15,000.00	\$450.00	\$9,000.00	\$800.00	\$16,000.00	\$2,900.00	\$58,000.00
44	Top soil and seeding restoration	6,000	SY	\$8.00	\$54,000.00	\$14.00	\$84,000.00	\$8.00	\$48,000.00	\$11.00	\$66,000.00	\$20.00	\$120,000.00
45	Boring crew labor hours for boulder removal during jacking and boring operations	24	CREW-HOURS	\$830.00	\$19,920.00	\$850.00	\$20,400.00	\$1,000.00	\$24,000.00	\$700.00	\$16,800.00	\$935.00	\$22,440.00
46	Timber sheeting and bracing, left in place, where ordered in writing by the Engineer	2	Thousand FBM	\$5,000.00	\$10,000.00	\$15.00	\$30.00	\$20.00	\$40.00	\$5.00	\$10.00	\$6,470.00	\$12,940.00
47	Granular material for trench or structure backfill, complete in place, where ordered in writing by the Engineer	1,000	CY	\$60.00	\$60,000.00	\$38.00	\$38,000.00	\$35.00	\$35,000.00	\$78.00	\$78,000.00	\$50.00	\$50,000.00
48	Miscellaneous hand excavation, where ordered in writing by the Engineer	25	CY	\$310.00	\$7,750.00	\$200.00	\$5,000.00	\$800.00	\$20,000.00	\$380.00	\$9,500.00	\$250.00	\$6,250.00
49	36-inch diameter culvert removal and replacement, complete, in place, and ready for use, where ordered in writing by the Engineer	15	LF	\$225.00	\$3,375.00	\$200.00	\$3,000.00	\$160.00	\$2,400.00	\$242.00	\$3,630.00	\$325.00	\$4,875.00
50	24-inch diameter storm sewer removal and replacement, complete, in place, and ready for use, where ordered in writing by the Engineer	15	CY	\$200.00	\$3,000.00	\$180.00	\$2,700.00	\$150.00	\$2,250.00	\$224.00	\$3,360.00	\$285.00	\$4,275.00
51	42-inch diameter culvert removal and replacement, complete, in place, and ready for use, where ordered in writing by the Engineer	30	LF	\$250.00	\$7,500.00	\$220.00	\$6,600.00	\$180.00	\$5,400.00	\$248.00	\$7,440.00	\$350.00	\$10,500.00
52	38-inch by 60-inch diameter elliptical sewer removal and replacement, complete, in place, and ready for use, where ordered in writing by the Engineer	15	LF	\$300.00	\$4,500.00	\$225.00	\$3,375.00	\$500.00	\$7,500.00	\$235.00	\$3,525.00	\$650.00	\$9,750.00
53	Sewer services pipe adjusted, where ordered in writing by the Engineer	4	EA	\$2,000.00	\$8,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$3,500.00	\$14,000.00	\$180.00	\$720.00
54	Removal of existing and replacement with new storm catch basin structure, with frame and grate, complete in-place and ready for use, where ordered in writing by the Engineer	5	EA	\$4,000.00	\$20,000.00	\$3,800.00	\$19,000.00	\$2,500.00	\$12,500.00	\$4,300.00	\$21,500.00	\$5,500.00	\$27,500.00
55	Removal of existing and replacement with new storm inlet structure, with frame and grate, complete in-place and ready for use, where ordered in writing by the Engineer	10	EA	\$2,000.00	\$20,000.00	\$1,800.00	\$18,000.00	\$1,600.00	\$16,000.00	\$1,300.00	\$13,000.00	\$2,300.00	\$23,000.00
56	Additional excavation (including sheeting, shoring) required for jacking pit to avoid utility conflicts not shown on the plans, where ordered in writing by the Engineer	10	VLF	\$2,100.00	\$21,000.00	\$1,000.00	\$10,000.00	\$1,500.00	\$15,000.00	\$9,500.00	\$95,000.00	\$350.00	\$3,500.00
57	At a location selected by the Engineer or Owner, install a 30-inch x 30-inch tee, 30-inch diameter butterfly valve with operator in vault (include additional 30-inch piping as needed to install the vault), with a 5' stub and plug for future connection by other, where ordered in writing by the Engineer	1	EA	\$51,000.00	\$51,000.00	\$75,800.00	\$75,800.00	\$75,000.00	\$75,000.00	\$57,066.00	\$57,066.00	\$50,600.00	\$50,600.00
58	Contractor Permit Fee Allowance	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
59A	Extend the 30-inch diameter ductile iron pipe water main inside 48" diameter steel casing pipe, installed by jacking or augering under County Farm Road, an additional distance beyond what is indicated in the Drawings, where ordered in writing by the Engineer	75	LF	\$730.00	\$54,750.00	\$1,210.00	\$90,750.00	\$45,000.00	\$3,375,000.00 \$45,000.00	\$985.00	\$73,875.00	\$4,300.00	\$322,500.00
59B	Extend the 30-inch diameter steel pipe water main inside 48" diameter steel casing pipe, installed by jacking or augering under County Farm Road, an additional distance beyond what is indicated in the Drawings, where ordered in writing by the Engineer	75	LF	\$730.00	\$54,750.00	\$1,195.00	\$89,625.00	No Bid		No Bid		No Bid	
60	Temporary HMA Pavement (3-1/2 inch thick)	1,200	SY	\$40.00	\$48,000.00	\$18.00	\$21,600.00	\$38.00	\$45,600.00	\$35.00	\$42,000.00	\$40.00	\$48,000.00
	TOTAL BASE BID AMOUNTS SUM OF ITEMS NOS. 1-60 INCLUSIVE	A ITEM		\$13,242,601.00	\$13,248,301.00	\$13,632,515.00	\$13,662,485.00	\$18,546,015.00	\$18,258,876.00	\$19,648,810.00	\$19,668,800.00	\$26,895,700.00	
		B ITEM		\$14,342,536.00	\$14,348,336.00	\$14,279,765.00	\$14,309,735.00	No Bid		No Bid		No Bid	

DATE: January 9, 2018

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Operations
ITEM	A Resolution Approving and Ratifying Certain Task Orders Under a Master Contract with AECOM Resolution No. R-3-18	APPROVAL	

Account No.: 01-60-711500 - \$348,990

The Commission entered into Master Contracts with several firms for professional engineering services. The attached Task Order will provide Construction Services including but not limited to Preconstruction Activities, Construction Engineering, Project Administration, and On-Site Construction Observation and Inspection.

Phase No.	Phase Description	Total Hours	Total Direct Labor
1	Construction Admin.	919	\$128,490
2	Resident Engineer	2,250	\$220,550
Total Est. Fee		3,169	\$348,990

MOTION: To adopt Resolution No. R-3-18 for Construction Services with AECOM for an Estimated cost of \$348,990.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-3-18

A RESOLUTION APPROVING AND RATIFYING CERTAIN
TASK ORDERS UNDER A MASTER CONTRACT
WITH AECOM AT THE
JANUARY 18, 2018, DUPAGE WATER COMMISSION MEETING

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

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

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

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

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

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

germane to the Master Contract as signed, and/or the Task Orders are in the best interest of the DuPage Water Commission and authorized by law.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2018.

Chairman

ATTEST:

Clerk

EXHIBIT 1

TASK ORDER NO. 7

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

1. **Project:**

DuPage Water Commission TW-3/17, West Transmission Main Construction Services.

2. **Services of Consultant:**

PHASE 1 – CONSTRUCTION ADMINISTRATION (PERFORMED IN 2018 AND 2019)

AECOM will assist by supporting DWC in construction administration as described below:

TASK 1: PRECONSTRUCTION ACTIVITIES

Purpose: To assist DWC with permitting forms, resident construction manager mobilization, information and documentation systems and the preconstruction meetings.

Approach: AECOM will provide preconstruction activities such as assisting with permitting forms, resident engineer mobilization, implementation of documentation systems, and the preconstruction meeting. AECOM will assist in the development of a project specific document control system to track change orders, shop drawings, Requests for Information (RFIs) and correspondence.

Products:

- P-1.1 Computerized document control system
- P-1.2 Construction Quality training/awareness

TASK 2: CONSTRUCTION ENGINEERING

Purpose: To provide office engineering services during construction to the extent stated below under this Task 2.

Approach: AECOM will assist DWC in the following construction engineering activities:

- Review and process shop drawings
- Review manufacturer's guarantees
- Respond to Requests for Information (RFIs)

AECOM will revise the project drawings to show any significant changes occurring on the project. Information for these changes will be provided from Record Drawings maintained by contractor during the course of the construction.

Products:

- P-2.1 Reviewed shop drawings.
- P-2.2 Reviewed manufacturer's guarantees.

- P-2.3 Responses to RFI's.
- P-2-4 Record Drawings on CD (if appropriate) with one set of prints and contractor mark-up drawings.

TASK 3: PROJECT ADMINISTRATION

Purpose: To review submitted change orders for general compliance with contract documents.

Approach: AECOM will assist DWC with the following project administration activities during construction:

- AECOM will process and review information received from contractors throughout the projects regarding items specified in the contract documents. AECOM will offer its opinion on proposed change orders.
- Review contractor pay estimates when requested
- Conduct monthly job meetings when requested to resolve individual contract issues or in coordinating contractor schedules.

Products:

- P-3.1 Response to potential change orders and opinion on general compliance with contract documents.
- P-3.2 Provide recommendations to DWC.
- P-3.3 Monthly Project Manager's Report.
- P-3-4 Sign-off on Pay Requests.

PHASE 2 – RESIDENT ENGINEERING AND OPERATIONAL (PERFORMED IN 2018 AND 2019)

AECOM will provide a full time Resident Engineer for the project.

TASK 1: ON-SITE CONSTRUCTION OBSERVATION AND INSPECTION

Purpose: To provide a full-time Resident Engineer personnel for inspection services for general compliance with the contract documents.

Approach: AECOM will provide a full-time Resident Engineer for construction observation. Costs will be based on full-time observation for a construction duration of thirteen (13) months by a full-time Resident Engineer (March 1, 2018 thru April 1, 2019). Depending on the number of crews utilized by the Contractor and the construction schedules, additional construction observation can be provided at additional cost. Resident Engineer will perform project observation to help verify that the products' schedule delivery, storage quality and installation is in general conformance with the contract documents, and is coordinated with associated systems.

AECOM will review progress and on-site operations, rejection of work, and verify testing and start-up of equipment.

AECOM will maintain up-to-date records of details of construction throughout the project.

Photographic and/or videotape record of construction activities provided by the contractor, will generally be monitored by the Resident Engineer.

Products:

- P-1.1 Daily reports.
- P-1.2 Monthly reports.
- P-1.3 Photos/Video tapes received from the contractor.
- P-1.4 Notice of Acceptability

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

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

None

4. **Commencement Date:**

February 1, 2018 or whenever the notice to proceed is issued.

5. **Completion Date:**

April 1, 2019

6. **Submittal Schedule:**

None

7. **Key Project Personnel:**

Michael H. Winegard, P.E.

Paul St. Aubyn, P.E.

Thomas Strazanac

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 not exceed \$348,990, except as 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 Consultant personnel as set forth on the list supplied by Consultant attached hereto as Attachment A-1, 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

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 1, 2018

DuPAGE WATER COMMISSION

By: _____
John Spatz
General Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Terry McGhee

Title: Manager of 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: Michael H. Winegard

Title: Vice President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Michael H. Winegard, P.E.

Title: Vice President

Address: 303 E. Wacker Drive, Suite 1400, Chicago, IL 60601

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

Phone: 312-373-6631

Fax: 312-373-6800

**ATTACHMENT A-1 TO TASK 7
CONTRACT PRICE SCHEDULE**

**DUPAGE WATER COMMISSION
ESTIMATED NOT-TO-EXCEED FEE
TW-3/17 WEST TRANSMISSION MAIN
SUMMARY OF PHASES 1 AND 2
PREPARED BY: AECOM Technical Services, Inc.
January, 2018**

Phase No.	Phase Description	Total Hours	Total Direct Labor
1	Construction Administration	919	\$128,490
2	Resident Engineer	2,250	\$220,500
Total			
Other Direct Costs			
Printing, Mail Photos			
Sub-Total – Other Direct Costs			Included above
	Total Estimated Engineer Fee (Phase 1 and 2)	3,169	\$348,990

**DUPAGE WATER COMMISSION
ESTIMATED NOT-TO-EXCEED FEE
TW-3/17 WEST TRANSMISSION MAIN
PHASE 1 CONSTRUCTION ADMINISTRATION
PREPARED BY: AECOM Technical Services, Inc.
January, 2018**

Description	Proj. Mgr.	Sr. Eng.	Proj. Eng.	Eng.	Tech.	Total Hrs	Total Costs
Billing Rate	\$305	\$200	\$150	\$110	\$90		
Preconstruction Activities	4	4	40	40	12	100	\$13,500
Construction Engineering	30	30	140	185	50	435	\$61,000
Project Administration	30	30	120	124	80	384	\$53,990
					TOTAL	919	
Other Direct Costs							
Printing, Mail					Included above		
Total Estimated Engineering Fee – Phase 1							\$128,490

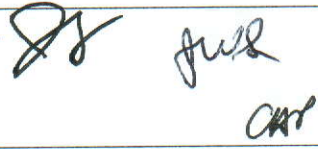
**DUPAGE WATER COMMISSION
ESTIMATED ENGINEERING FEE
TW-3/17 WEST TRANSMISSION MAIN
PHASE 2 – RESIDENT ENGINEERING
PREPARED BY: AECOM Technical Services, Inc.
January, 2018**

Description	Resident Engineer	Total Hrs	Total Costs
Billing Rate	\$98		
On-site Resident Engineer		2,250	\$220,500
		Total	\$220,500
Other Direct Costs:			Included Above
Printing, Mail, Photos			Included Above
Phones			Included Above
Sub-Total – Other Direct Costs			
Total Estimated Engineering Fee – Phase 2			\$220,500

Costs based on one full time Resident Engineer from March 1, 2018 thru April 1, 2019. Any overtime costs for Resident Engineer will be assessed to the Contractor by DWC in accordance with the Construction Documents and is not included above.

DATE: January 10, 2018

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering & Construction Committee	ORIGINATING DEPARTMENT Instrumentation/ Remote Facilities
ITEM Requisition No. 49453	APPROVAL 
Account Number: 01-60-771200 (\$33,388.87)	
<p>The Commission entered into a second year Agreement with ITsavvy, LLC. dated August 16, 2017, for Consulting and Network Management Services in connection with the Commission Servers, Firewall, Switches, SAN, Back-up System, Cloud Storage & Computing, Wireless Network, and other Information Technology (IT) projects that may arise.</p> <p>Staff asked ITsavvy to evaluate our network data backup strategy and make recommendations to improve it, because of constant problems with the existing backup system not completing backups reliably. The existing backup system has worked to restore a couple of servers when there were hardware problems, but did not work when we had corrupted software and it wasn't discovered until after the corrupted software was backed up. ITsavvy suggested two different manufactures backup systems, both were demonstrated to staff. Staff felt the system by Unitrends was the better option because it could scale to our current environment and the future environment. ITsavvy then quoted two options for implementing the Unitrends solution. Both options utilize an on premise hardware appliance for backup and offsite backup in the cloud. The difference being one is a true disaster recovery system with the ability to run the network servers from the cloud from anywhere. The other replicates the data on the backup appliance to the cloud for safe off site storage, this is the option staff is recommending.</p> <p>Staff is recommending the Unitrends Backup with Cloud Replication as a replacement to the existing backup solution because it has 30 days of onsite retention and one year cloud retention of backed up data with the ability to restore at different time intervals going back in time for up to one year.</p> <p>Unitrends has a special promotional pricing for new customers through the end of January offering the hardware backup appliance at no cost, a \$19,999.00 value, with a minimum of 2 TB cloud storage and three year support contract. ITsavvy is the only reseller able to offer this to the Commission.</p> <p>For these reasons staff is recommending the approval to suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve the attached Requisition No. 49453 in the amount of \$33,388.87 to ITsavvy, LLC.</p>	
MOTION: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 49453 in the amount of \$33,388.87 to ITsavvy, LLC.	



DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126
Purchase Requisition

Requisition: **49453** Unitrends Backup with cloud retention 3 year term

Req. Date: 12/28/2017

Status: ARR Accounting Review
For Store: DPS DuPage Pumping Station
Originator: 402-0011 MIKE HUGHES
Supplier: ITSAVVY ITsavvy LLC

Service Line	Due date	Quantity	UOM	Units	Unit Price	Total
1	12/28/17	1			\$33,388.87	\$33,388.87

Account: 01-60-771200-2018
Supplier: ITSAVVY [ITsavvy LLC]

Total	33,388.87
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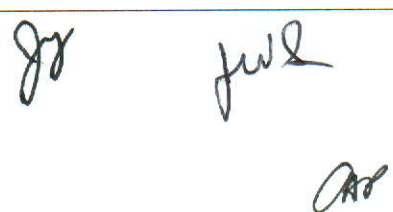
Approver: _____

Date approved: _____

Requisition Comments: Line 1 Backup appliance with 16 TB of storage and 6 TB cloud storage, 3 year term per attached quote
ITsavvy is contracted Network Monitoring and consultant. RFBA for 1/18/18 Board Meeting

DATE: January 10, 2018

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering & Construction Committee	ORIGINATING DEPARTMENT Instrumentation/ Remote Facilities												
ITEM Requisition No. 49434	APPROVAL 												
Account Number: 01-60-771200 (\$28,592.94)													
<p>This request for board action is to give the General Manager the authorization to purchase two new network servers from Insight Public Sector at a cost of \$28,592.94.</p> <p>The existing two VMware Host Servers are approaching five years old and are out of manufactures extended warranty. These servers are crucial to the Commission's IT network and staff recommends they be replaced with new hardware to maintain a reliable computing network.</p> <p>Staff solicited and received three quotations to purchase the new servers, see the following table.</p>													
<table border="1"><thead><tr><th>Vendor</th><th>Hardware Cost</th><th>Extended 5 Year Warranty</th></tr></thead><tbody><tr><td>Insight Public Sector</td><td>\$21,318.72</td><td>\$7,274.22</td></tr><tr><td>CDWG</td><td>\$22,824.22</td><td>\$8,034.24</td></tr><tr><td>ITsavvy</td><td>\$23,090.64</td><td>\$7,276.50</td></tr></tbody></table>		Vendor	Hardware Cost	Extended 5 Year Warranty	Insight Public Sector	\$21,318.72	\$7,274.22	CDWG	\$22,824.22	\$8,034.24	ITsavvy	\$23,090.64	\$7,276.50
Vendor	Hardware Cost	Extended 5 Year Warranty											
Insight Public Sector	\$21,318.72	\$7,274.22											
CDWG	\$22,824.22	\$8,034.24											
ITsavvy	\$23,090.64	\$7,276.50											
<p>Staff is recommending the Board authorize the General Manager to approve Requisition No. 49434 in the amount of \$28,592.94 to Insight Public Sector due to the cost exceeding \$20,000.00.</p>													
MOTION: To authorize the General Manager to approve Requisition No. 49434 in the amount of \$28,592.94 to Insight Public Sector.													



DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126
Purchase Requisition

Requisition: **49434** Replace 2 host servers for virtual cluster

Req. Date: 12/21/2017

Status: ARR Accounting Review
For Store: DPS DuPage Pumping Station
Originator: 402-0011 MIKE HUGHES
Supplier: INS Insight Public Sector

Part Line	DuPage Water / Supplier Part No. Part Desc.	Due date	Quantity Assigned Qty	UOM	Unit Price	Total
1	COMP-052 / quote 219499756 HPE Proliant host server	12/21/17	2 0	EA	\$14,296.47	\$28,592.94

Account: 01-60-771200-2018
Supplier: INS [Insight Public Sector]

Total 28,592.94

Approver: _____

Date approved: _____

Requisition Comments: Line 1 Replacement of 2 host servers in cluster for virtual machines that are 5 years old. Best of 3 quotes. RFBA for 1/18/18 Board Meeting