



# DuPage Water Commission

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

## AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, JANUARY 19, 2017**  
**6:00 P.M.**

**600 EAST BUTTERFIELD ROAD**  
**ELMHURST, IL 60126**

## COMMITTEE MEMBERS

D. Loftus, Chair  
R. Furstenau  
F. Saverino  
M. Scheck  
J. Zay

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

**RECOMMENDED MOTION: To approve the Minutes of the December 15, 2016 Engineering & Construction Committee Meeting of the DuPage Water Commission.**

- III. Report of Status of Construction/Operations
- IV. R-1-17: Authorization for General Manager to execute a three (3) year Janitorial Services Contract for periodic janitorial services at the DuPage Pumping Station (**Eco Clean Maintenance in the Amount of \$75,182.00**)
- V. R-2-17: A Resolution Approving and Ratifying Certain Contract Change Orders for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station (**Mertes Contracting Co. – Increase of Contract Amount by \$34,470.00**)
- VI. R-3-17: A Resolution Approving and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 1 and No. 4 East (Contract SS-7/16), (**Era-Valdivia Contractors – Net Decrease in Contract Amount by \$1,580.00**)
- VII. RFBA: A Contract for Telephone Services (**AT&T – At a cost of \$27,099.00 for a 3-year term**)
- VIII. Old Business
- IX. Other
- X. Adjournment

Agendas\Engineering\2017\Eng1701.docx

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.

**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DUPAGE WATER COMMISSION  
HELD ON THURSDAY, DECEMBER 15, 2016  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 6:05 P.M.

Committee members in attendance: R. Furstenau, F. Saverino, M. Scheck, and J. Zay

Committee members absent: D. Loftus

Also in attendance: F. Frelka, T. McGhee, J. Schori, J. Spatz and M. Weed.

Commissioner Scheck moved to approve the Minutes of the November 17, 2016 Engineering & Construction Committee Meeting of the DuPage Water Commission.  
Motion seconded by Commissioner Saverino.

All voted aye: Motion passed

Manager of Operations McGhee provided an oral summary of the Status of Operations reports dated December 8, 2016:

Regarding Operations Maintenance, Manager of Operations McGhee advised the Committee that a Request for Proposals has been released advertising for a 3-year Janitorial Service Contract for services at the DuPage Pumping Station. The bid opening is scheduled for 1:00 P.M. on January 4, 2017, with Board approval tentatively scheduled for the January 2017 Commission meeting. The current contract expires at the end of February 2017.

Manager of Operations McGhee also advised the Committee that a Request for Board Action appears on the Agenda recommending approval of Purchase Requisition 44031 for Infor software maintenance. The software maintenance fee is due annually and provides the Commission with telephone and online product support, patches, revision changes, and program updates. Commissioner Furstenau asked what the difference in price was from last year and if there was another source for this service. Staff informed him that there was about a \$2,000 increase from last year and that Infor was the sole source for this service.

Regarding the Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 1 (Roselle) and No. 4 East (75<sup>th</sup> Street in Lisle Township) with Era-Valdivia Contractors, Inc., Manager of Operations McGhee reported the tank coating project is complete and both standpipes are back in operation. The Final Balancing Change Order is forthcoming in which approval would also grant final acceptance of the work.

## Engineering Committee Minutes 12/15/2016

Regarding the Masonry Rehabilitation and Window Replacements at the DuPage Pumping Station, Manager of Operations McGhee informed the Committee that Mertes Contracting Corp. has completed the work on the masonry and structural glazed tile rehabilitation and advised the Committee that the window replacement will be completed the week of the 12<sup>th</sup>.

Manager of Operations McGhee advised the Committee that the annual Customer Meter Testing Program is approximately 40% complete, no issues have been reported.

Regarding Quick Response Electric Contract QRE-7/15, Manager of Operations McGhee advised the Committee that Work Authorization Order (WAO) No. 09 to Windy City Co. Inc., for the re-installation of the equipment into the Remotely Operated Valve (ROV 14B) in Lombard is ongoing with the balance of work to be completed in Spring 2017.

Manager of Operations McGhee advised the Committee that work on the second large-diameter valve in Oakbrook Terrace is on schedule for replacement in Spring of 2017.

Commissioner Furstenau inquired with the Committee if there were any questions regarding the lone action item. Hearing none, Commissioner Scheck moved to recommend approval of RFBA, item 2 of the Engineering and Construction Committee portion of the Commission Meeting Agenda. Seconded by Commissioner Saverino.

All voted aye: Motion passed

Under new business, General Manager Spatz gave the Committee a brief update on the progress with the Village of Bartlett. He reported that staff is working with our lawyer and engineers to draft a water purchase agreement and complete a hydraulic study for the project. Commissioner Scheck asked if the Village of Bartlett has requested a delivery date for service from the Commission. General Manager Spatz responded that May 2019 was the target date.

Chairman Furstenau inquired the Committee if there were any other business or items to be discussed. Hearing none, Commissioner Scheck moved to adjourn the meeting at 6:14 P.M. Motion seconded by Commissioner Saverino.

All voted aye: Motion passed

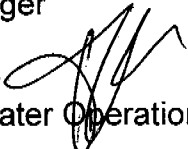
SP2013/MINUTES/ENGINEERING/2016/ENG161215.doc



# 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, 2017

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 66.1 million gallons per day (MGD), which is higher than the December 2015 average day demand of 63.2 MGD. The maximum day demand was 71.0 MGD recorded on December 21, 2016, which is higher than the December 2015 maximum day demand of 67.6 MGD. The minimum day flow was 60.3 MGD.

The Commission's recorded total precipitation for the month of December was 1.8 inches compared to 4.9 inches for December 2015. The level of Lake Michigan for December 2016 is 579.1 (Feet IGLD 1985) compared to 579.3 (Feet IGLD 1985) for December of 2015

### Water Conservation

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 a date for staff training.

**Operations Maintenance**

R-1-17 appears on the Agenda recommending authorizing the General Manager to execute a three (3) year unit priced Janitorial Services Contract with Eco Clean Maintenance Inc. estimated at \$75,182.40 for Periodic Janitorial Services at the DuPage Water Commission. The current contract expires at the end of February 2017.

**Facilities Construction Overview****Storage System Improvements**

Change Order No. 1 for The Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 1 and No. 4 East (Contract SS-7/16) with Era-Valdivia Contractors, Inc. appears on the Agenda as R-3-17. The Change Order recommends a Final Balancing Change Order for actual units expended during the Work; for Additional Work performed to completely blast clean the interiors of the standpipe pilasters, which was unintentionally omitted from the specifications; and, recommends Final Acceptance of the Work at a net decrease in Contract Price of \$1,580.00. This action would also approve release of all monies held in retention conditioned upon receipt of all contractually required documentation.

**DuPage Pumping Station**

Change Order No. 1 for The Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station with Mertes Contracting Co. appears on the Agenda as R-2-17. The Change Order recommends additional window replacements at the DuPage Pumping Station. Certain window replacements were identified during the Condition Assessment however were not slated for replacement this fiscal year. Since the Commission received such a favorable bid, and the actual work performed and the proposed widow replacement will eventually come in under the original Contract Price, staff is recommending having the windows replaced during this fiscal year. Approval of the Change order would increase the Contract Price by \$34,470.00.

**Instrumentation / Remote Facilities Overview**

A Request for Board Action appears on the Agenda recommending authorizing the General Manager to execute a 3-year term contract with AT&T for telephone services over fiber optic.

**Meter Testing Program**

The annual customer meter testing program is ongoing and is approximately 51% complete.

**Quick Response Electrical Contract QRE-7/15**

Work Order Authorization No. 9 is ongoing. This work order allows for the reinstallation of electrical equipment necessary to operate the valve remotely. The remaining work

includes the reinstallation of electrical equipment and the installation of power, control, and SCADA wiring.

### Pipeline Maintenance and Construction Overview

Valve replacement work at Butterfield Rd. and Marshall Ave. in the City of Oakbrook Terrace is scheduled to begin in March/April of 2017.

Staff continues work on cathodic protection test station installations along several transmission main routes.

Staff continues collecting cathodic protection test point data.

### JANUARY 2017 COMMISSION AGENDA ITEMS:

- R-1-17:** Authorization for General Manager to execute a three (3) year Janitorial Services Contract for periodic janitorial services at the DuPage Pumping Station (**Eco Clean Maintenance Inc. at an estimated cost of \$75,182.40**)
- R-2-17:** A Resolution Approving and Ratifying Certain Contract Change Orders for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station (**Mertes Contracting Co. – Increase of Contract Amount by \$34,470.00**)
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- RFBA:** A Contract for Telephone Services (**AT&T – At a cost of \$27,099.00 for a 3-year term**)

### Attachments

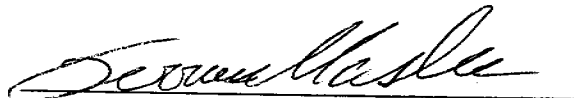
1. DuPage Laboratory Bench Sheets for December, 2016
2. Water Sales Analysis 01-December-2009 to 31-December-2016
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR DECEMBER 2016

## LEXINGTON SUPPLY

## DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub>		TURBIDITY		PO <sub>4</sub>	FREE CL <sub>2</sub>		TURBIDITY		TEMP	pH	Fluoride	PO <sub>4</sub>	P.A.C.	ANALYST
	mg/l	NTU	mg/l	mg/l	NTU	°F	mg/l	LBS/MG	INT						
1	0.98	0.10	0.54	0.97	0.09	60	7.4	0.8	0.54	0	AM				
2	0.95	0.10	0.54	0.94	0.08	60	7.4	0.8	0.57	0	AM				
3	0.99	0.11	0.54	0.96	0.08	61	7.4	0.8	0.56	0	CT				
4	0.97	0.10	0.53	0.96	0.09	59	7.4	0.8	0.54	0	CT				
5	0.97	0.10	0.58	0.95	0.08	57	7.4	0.7	0.56	0	AM				
6	0.95	0.10	0.54	0.94	0.08	56	7.4	0.7	0.57	0	AM				
7	0.98	0.11	0.55	0.95	0.09	56	7.4	0.8	0.57	0	KD				
8	0.96	0.12	0.57	0.96	0.08	56	7.3	0.8	0.57	0	KD				
9	0.95	0.12	0.58	0.94	0.08	56	7.4	0.8	0.54	0	KD				
10	0.99	0.10	0.58	0.96	0.08	56	7.4	0.8	0.54	0	AM				
11	0.95	0.10	0.55	0.94	0.08	55	7.4	0.7	0.56	0	AM				
12	0.97	0.10	0.55	0.94	0.09	55	7.4	0.8	0.58	0	KD				
13	0.98	0.10	0.58	0.95	0.09	54	7.5	0.7	0.57	0	KD				
14	0.98	0.10	0.57	0.95	0.08	53	7.4	0.7	0.55	0	AM				
15	0.98	0.10	0.56	0.95	0.09	53	7.4	0.7	0.56	0	AM				
16	0.97	0.10	0.53	0.96	0.08	53	7.4	0.7	0.54	0	AM				
17	0.95	0.10	0.54	0.96	0.08	53	7.5	0.7	0.54	0	KD				
18	0.95	0.09	0.56	0.94	0.08	52	7.5	0.8	0.59	0	KD				
19	0.99	0.11	0.57	0.95	0.08	52	7.5	0.7	0.56	0	AM				
20	1.00	0.09	0.53	0.97	0.08	50	7.4	0.7	0.55	0	AM				
21	0.99	0.11	0.54	0.97	0.08	50	7.4	0.7	0.55	0	KD				
22	0.98	0.11	0.55	0.97	0.10	50	7.4	0.8	0.56	0	KD				
23	0.99	0.11	0.55	0.98	0.09	50	7.3	0.8	0.55	0	KD				
24	1.00	0.10	0.59	0.97	0.08	50	7.4	0.8	0.56	0	CT				
25	1.00	0.10	0.54	0.98	0.09	50	7.4	0.8	0.56	0	CT				
26	1.00	0.10	0.54	0.98	0.08	51	7.3	0.8	0.54	0	RC				
27	0.98	0.10	0.54	0.96	0.08	50	7.4	0.9	0.53	0	RC				
28	1.00	0.09	0.54	0.98	0.09	50	7.4	0.8	0.54	0	CT				
29	0.96	0.09	0.54	0.97	0.09	50	7.4	0.8	0.56	0	CT				
30	0.99	0.09	0.53	0.95	0.09	51	7.4	0.8	0.55	0	CT				
31	0.97	0.09	0.57	0.97	0.08	48	7.4	0.9	0.54	0	RC				
AVG	0.98	0.10	0.55	0.96	0.08	53	7.4	0.8	0.55	0					
MAX	1.00	0.12	0.59	0.98	0.10	61	7.5	0.9	0.59	0					
MIN	0.95	0.09	0.53	0.94	0.08	48	7.3	0.7	0.53	0					

  
Terrance McGhee  
Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 31-Dec-16

PER DAY AVERAGE 79,702,976

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-13	2,347,910,000	2,413,837,252	97.27%	\$7,795,061.20	\$6,956,678.96	809,119	0.03%	97.30%	\$3.32	\$2.882
Jun-13	2,321,503,000	2,390,040,458	97.13%	\$7,707,389.96	\$6,888,096.60	649,245	0.03%	97.16%	\$3.32	\$2.882
Jul-13	2,829,247,000	2,911,976,489	97.16%	\$9,393,100.04	\$8,392,316.24	1,059,086	0.04%	97.20%	\$3.32	\$2.882
Aug-13	3,007,723,000	3,089,289,160	97.36%	\$9,985,640.36	\$8,903,331.36	1,323,465	0.04%	97.40%	\$3.32	\$2.882
Sep-13	2,537,241,000	2,606,351,145	97.35%	\$8,423,640.12	\$7,511,504.00	1,371,480	0.05%	97.40%	\$3.32	\$2.882
Oct-13	2,190,814,000	2,245,112,672	97.58%	\$7,273,502.48	\$6,470,414.72	763,519	0.03%	97.62%	\$3.32	\$2.882
Nov-13	1,996,890,000	2,051,521,527	97.34%	\$6,629,674.80	\$5,912,485.04	4,979,520	0.24%	97.58%	\$3.32	\$2.882
Dec-13	2,122,238,000	2,175,046,412	97.57%	\$7,045,830.16	\$6,288,483.76	749,215	0.03%	97.61%	\$3.32	\$2.882
Jan-14	2,223,778,000	2,287,994,451	97.19%	\$8,828,398.66	\$7,586,989.60	836,445	0.04%	97.23%	\$3.97	\$3.316
Feb-14	2,068,669,000	2,118,238,601	97.66%	\$8,212,615.93	\$7,024,079.20	2,069,443	0.10%	97.76%	\$3.97	\$3.316
Mar-14	2,170,575,000	2,234,019,300	97.16%	\$8,617,182.75	\$7,408,008.00	1,202,320	0.05%	97.21%	\$3.97	\$3.316
Apr-14	2,024,459,000	2,086,348,613	97.03%	\$8,037,102.23	\$6,918,332.00	5,230,699	0.25%	97.28%	\$3.97	\$3.316
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
TOTALS (1)	718,203,517,798	738,516,194,016	97.25%	\$1,319,046,709.13	\$1,206,789,756.57	726,941,702	0.10%	97.35%	\$1.84	\$1.634

(1) - SINCE MAY 1, 1992

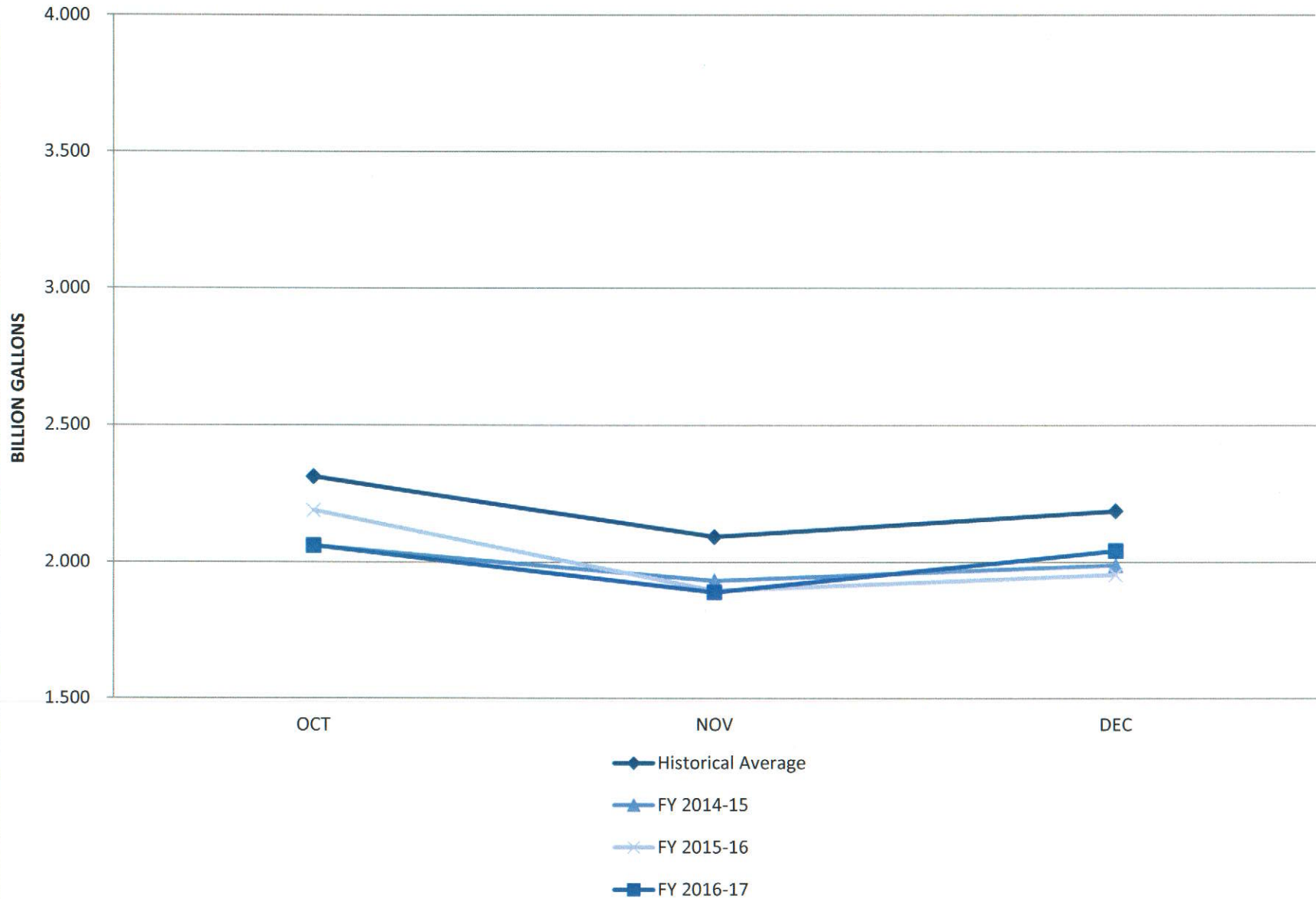
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

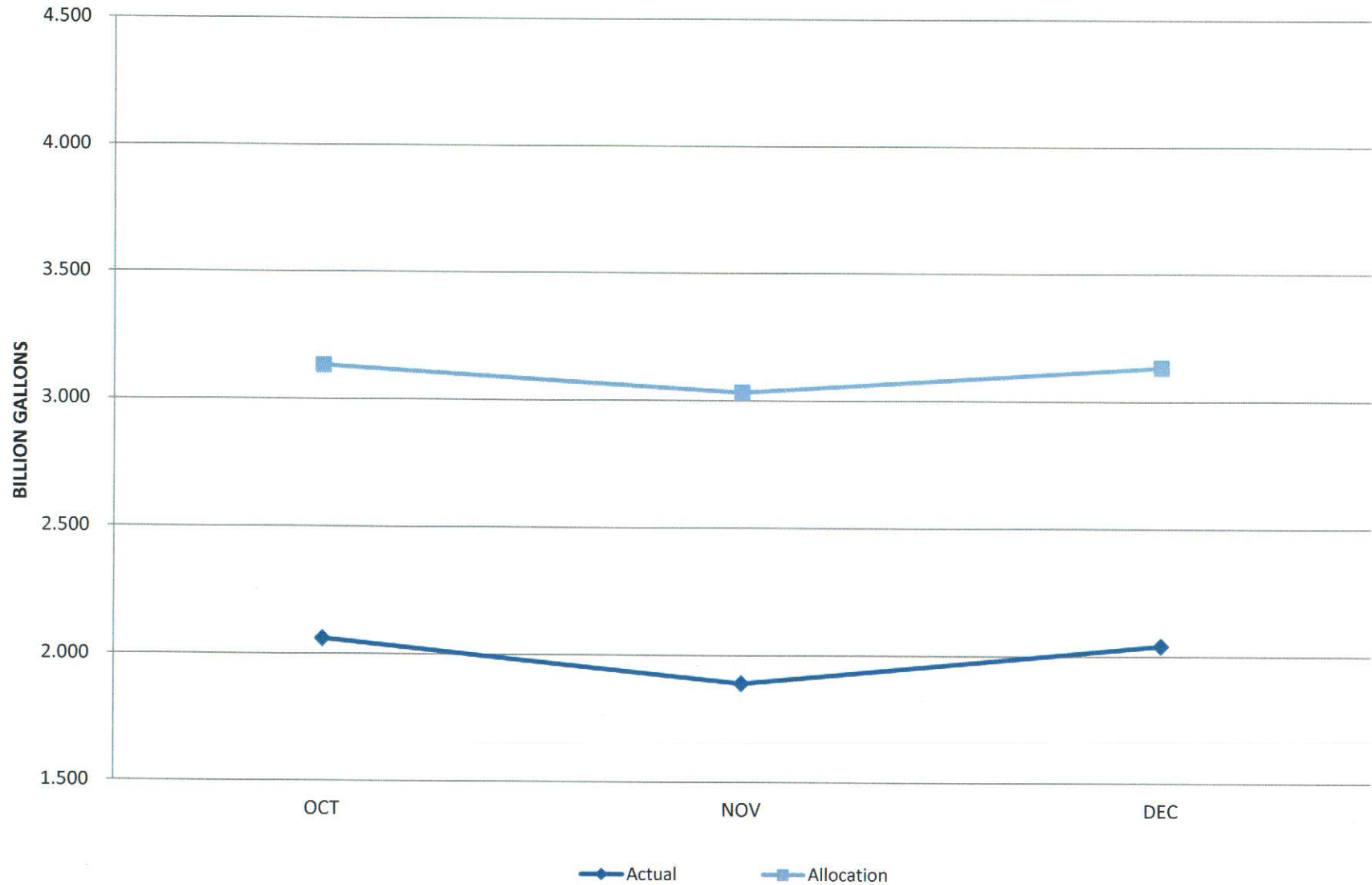
YTD										
Dec-15	17,960,805,000	18,511,581,790	97.02%	87,109,904	70,584,661				\$4.85	\$3.813
Dec-16	18,258,366,000	18,867,891,056	96.77%	87,640,157	71,943,269				\$4.80	\$3.813
	297,561,000	356,309,266		\$530,253	\$1,358,607					
	1.7%	1.9%		0.6%	1.9%					
Month										
Dec-15	1,953,066,000	2,011,680,976	97.09%	9,472,370	7,670,540				\$4.85	\$3.813
Dec-16	2,041,053,000	2,106,979,512	96.87%	9,797,054	8,033,913				\$4.80	\$3.813
	87,987,000	95,298,536		\$ 324,684	\$ 363,373					
	4.5%	4.7%		3.4%	4.7%					
Dec>Nov	151,545,000	148,576,260		727,416	566,521					
	7.4%									



## DU PAGE WATER COMMISSION SALES FY 2016-17, 2015-16 & 2014-15 VS. HISTORICAL AVERAGE



## DU PAGE WATER COMMISSION SALES FY 2016-17 VS. ALLOCATION



# REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering and Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Operations
<b>ITEM</b>	<p>Authorization for General Manager to execute a three (3) year Janitorial Services Contract with Eco Clean Maintenance Inc. estimated at \$75,182.40 for Periodic Janitorial Services at the DuPage Water Commission.</p> <p>Resolution No. R-1-17</p>	<b>APPROVAL</b>	  

Account Number: 01-60-629000

The Commission solicited sealed proposals for Janitorial Services at the DuPage Pumping Station by direct invitation, as well as by notice published in the *Daily Herald* on December 5 and 11, 2016 and by posting notice of the solicitation on the Commission's website starting December 5, 2016 and ending on January 4, 2017. Sealed proposals were received until 01:00 p.m., local time, January 04, 2017, at which time all proposals were publicly opened and read aloud.

Of the twenty companies that held copies of the Request for Proposals (RFP) document, three proposals were received (see tabulation below). Of the three proposals received, the proposal of Eco Clean Maintenance Inc. was found to be the lowest responsible bidder and most favorable to the interests of the Commission.

Company	Estimated Cost
Eco Clean Maintenance, Inc.	\$75,182.40
Multisystem Management Company	\$88,221.00
Perfect Cleaning Service Inc.	\$93,192.00

Staff recommends awarding the contract to the lowest responsible bidder Eco Clean Maintenance Inc. who is the Commission's current Janitorial Services provider. This contract included unit prices for periodic janitorial services at the DuPage Water Commission.

This request would authorize the General Manager to execute a three (3) year unit priced Janitorial Services contract with Eco Clean Maintenance Inc. estimated at \$75,182.40.

Resolution No. R-1-17 would award the contract to the lowest responsible bidder Eco Clean Maintenance, Inc.

The approved Management Budget for Fiscal Year 2016-2017 includes \$25,000.00 and tentative Management Budget for Fiscal Year 2017-2018 includes \$30,000.00 in account number 01-60-629000 for Janitorial Services at the DuPage Pumping Station. Board approval is required due to the three (3) year contract cost exceeding \$20,000.00.

**MOTION:** To authorize General Manager to execute a three (3) year Janitorial Services Contract with Eco Clean Maintenance Inc. estimated at \$75,182.40 for Periodic Janitorial Services at the DuPage Water Commission.

## DUPAGE WATER COMMISSION

## RESOLUTION NO. R-1-17

A RESOLUTION AWARDING A  
CONTRACT FOR JANITORIAL SERVICES

WHEREAS, sealed proposals for the Janitorial Services Contract were received on January 4, 2017; and

WHEREAS, based upon staff's review of the proposals received, the Board of Commissioners of the DuPage Water Commission has determined that the proposal of Eco Clean Maintenance Inc. 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 the Janitorial Services Contract to Eco Clean Maintenance Inc. for the unit prices set forth in its Contract/Proposal, estimated at \$75,182.40, 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 the Request for Proposals document that is acceptable to the DuPage Water Commission.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2017.

\_\_\_\_\_  
Chairman


ATTEST:

\_\_\_\_\_  
Clerk

Board/Resolutions/R-1-17.docx

DATE: January 12, 2017

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Omnibus Vote Requiring Super-Majority or Special Majority Vote	<b>ORIGINATING DEPARTMENT</b>	Facilities Construction
<b>ITEM</b>	A Resolution Approving and Ratifying Certain Contract Change Orders for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station at the January 19, 2017, DuPage Water Commission Meeting  Resolution No. R-2-17	<b>APPROVAL</b>	
Account Number: 01-60-771600			
Resolution No. R-2-17 would approve the following Change Orders:			
<b>Change Order No. 1 for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station.</b> Certain window units have failed over a several year span and had been identified in the 2014 Condition Assessment as part of the suggested building envelope rehabilitation but slated for replacement sometime in the future. Since the Commission received favorable pricing for the Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station project, the scheduled additional window replacement work can be moved up for completion without impacting the current fiscal year's Capital Improvement Project budget.			
Approval of this Change Order would represent an increase in the Contract Price by \$34,470.00, increasing the Contract Price to \$320,915.00, but does not authorize or necessitate an increase 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.			
It is worth noting that during forensic investigation by the Contractor, the actual amount of masonry work needed and performed was much less than originally estimated and a future change order balancing the actual units will net a substantial decrease in contract price offsetting the cost of this change order.			
The Contractor's quotation is attached for reference.			
<b>MOTION:</b> To approve Resolution No. R-2-17.			

**DRAFT**

DuPAGE WATER COMMISSION

RESOLUTION NO. R-2-17

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN CONTRACT CHANGE ORDERS AT THE  
JANUARY 19, 2017, 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 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 \_\_\_\_\_, 2017.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

Board\Resolutions\R-2-17.doc

Exhibit 1

Resolution No. R-2-17

1. Change Order No. 1 for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station in the net amount of \$34,470.00.



DUPAGE WATER COMMISSION  
CHANGE ORDER

SHEET  1  OF  3

PROJECT NAME: DPPS Masonry Rehabilitation  
And Window Replacements

CHANGE ORDER NO.  1

LOCATION: Elmhurst, Illinois

CONTRACT NO.  N/A

CONTRACTOR: Mertes Contracting Corporation

DATE:  January 19, 2016

I. A.  DESCRIPTION OF CHANGES INVOLVED:

Add Lump Sum Price Item; C.O. #1, Add the Unit Price of \$34,470.00, and the number and type of units; 1 Ea., to the Schedule of Prices for Furnishing and Installing Replacement Windows for the Meter Shop Office Room 101, the Dispatch Office Room 102 (I/RF Supervisor), the Meeting Room (I/RF Tech Office) Room 104 and the Chlorine Building.

B.  REASON FOR CHANGE:

Certain window units have failed over a several year span and had been identified in the 2014 Condition Assessment as part of the suggested building envelope rehabilitation but slated for replacement sometime in the future. Since the Commission received favorable pricing for the Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station project, the scheduled additional window replacement work can be moved up for completion without impacting the current fiscal year's Capital Improvement Project budget.

REVISION IN CONTRACT PRICE:

Negotiated at \$34,470.00.

	<u>Unit Price Item</u>	<u>Unit</u>	<u>Number of Units</u>	<u>Price Per Unit</u>	<u>Extension</u>
C.O. #1	Add'l Replacement Windows	Ea.	1	\$34,470.00	\$34,470.00

II. CHANGE ORDER CONDITIONS:

1. The Completion Date established in the Contract, as signed or as modified by previous Change Orders, is hereby unchanged.
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.

III. ADJUSTMENTS IN CONTRACT PRICE:

1.	Original Contract Price	\$	<u>286,445.00</u>
2.	Net (addition) (reduction) due to all previous Change Orders Nos. ____ to ____	\$	<u>0.00</u>
3.	Contract Price, not including this Change Order	\$	<u>286,445.00</u>
4.	(Addition) ( <del>Reduction</del> ) to Contract Price due to this Change Order	\$	<u>34,470.00</u>
5.	Contract Price including this Change Order	\$	<u>320,915.00</u>

RECOMMENDED FOR ACCEPTANCE:

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: Mertes Contracting Corporation

By: \_\_\_\_\_ (\_\_\_\_\_)  
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: \_\_\_\_\_ (\_\_\_\_\_)  
Signature of Authorized Date



## MERTES CONTRACTING CORPORATION

2885 SOUTH 25TH AVENUE  
BROADVIEW, ILLINOIS 60155-4691

*Industrial and Commercial*

PHONE 708/343-4800  
FAX 708/343-5910

December 21, 2016

Chris Bostick  
DuPage Water Commission  
600 E. Butterfield Road  
Elmhurst, IL 60126-4642

Re: Additional Window Replacement

Dear Chris Bostick:

Per your request, please review the following pricing for the above referenced project.

Mertes Contracting proposes to furnish all labor, material and equipment to complete the following:

Demo existing windows and install new thermal barrier single hung windows in dark bronze anodized finish along with dark aluminum mesh screen and automatic locking hardware limiting opening to 6". Glass will be the same as we installed on the south elevation of the Pump Building (1" Insulated 1/4" Bronze HS Tinted / Air / 5/16" Laminated (1/8" Solarban-60 / .060 / 1/8" Bronze HS)

We propose to complete this work as follows:

Bid #1 East Elevation of the Pump Building Three openings totaling twelve windows.	Total: \$24,835.00
Bid #2 North Elevation of the Chlorine Building Three openings totaling four windows.	Total: \$ 9,635.00

Note: No change in cost to change Bid #1 to three openings with three windows each.

We ask for your cooperation in providing us with access to the site, along with all necessary utilities, and a secure staging area for our equipment and material.  
Mertes Contracting Corporation thanks you for the opportunity to present this proposal and hopes to be of service to you in the future. Should you have any questions please do not hesitate to call at any time.

Respectfully,

MERTES CONTRACTING CORPORATION




Mike Montgomery

### *"Over Fifty Years Experience"*

All Types Building and Remodeling-Tuckpointing-Masonry Repair-Caulking-Concrete Restoration  
Interest will be charged at the rate of 1 1/2 % per month on all accounts 30 days past due. • This proposal may be withdrawn if not accepted within 30 days.

DATE: January 12, 2017

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b> Omnibus Vote Requiring Super-Majority or Special Majority Vote	<b>ORIGINATING DEPARTMENT</b> Facilities Construction/Safety Coordinator
<b>ITEM</b> A Resolution Approving and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 1 and No. 4 East (Contract SS-7/16) at the January 19, 2017, DuPage Water Commission Meeting  Resolution No. R-3-17	<b>APPROVAL</b>    

Account Numbers: 01-60-770701

Resolution No. R-3-17 would approve the following Change Orders:

**Change Order No. 1 to Contract Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 1 and No. 4 East (Contract SS-7/16).**

1. During the execution of the work, it was determined that an unintentional omission was found in the specifications, not calling out the complete sandblasting and priming of the interiors of the standpipe pilasters as had been required on the previous rehabilitation contract. The Contractor submitted a proposal in the amount of \$20,000.00 to complete the additional work. The proposal was found to be acceptable to the Engineer and Staff accepted the proposal and the work was performed.
2. 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.
3. 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.

Resolution No. R-3-17

<b>AGENDA SECTION</b> Omnibus Vote Requiring Super-Majority or Special Majority Vote	<b>ORIGINATING DEPARTMENT</b> Facilities Construction/Safety Coordinator
<b>ITEM</b> A Resolution Approving and Ratifying Certain Change Orders for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 1 and No. 4 East (Contract SS-7/16) at the January 19, 2017, DuPage Water Commission Meeting  Resolution No. R-3-17	<b>APPROVAL</b>

<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>
D.1	Repair Welding	Man-Hours	50	\$70.00	0	(50)	(\$3,500.00)
E.1	Pit Filling and Surfacing	Gallons	6	\$150.00	0	(6)	(\$900.00)
F.1	Interior Chipping and Grinding	Man-Hours	140	\$50.00	0	(140)	(\$7,000.00)
G.1	Balcony Drain Holes	Each	50	\$100.00	20	(30)	(\$3,000.00)
H.1	Grout Repair	Lineal Ft.	4	\$20.00	0	(4)	(\$80.00)
I.1	Crack Repair	Lineal Ft.	40	\$40.00	0	(40)	(\$1,600.00)
J.1	Spall Repair	Square Ft.	4	\$125.00	0	(4)	(\$500.00)
K.1	Miscellaneous Additional Work	Man-Hours	100	\$50.00	0	(100)	(\$5,000.00)
CO#1	Additional Sandblast/Painting	Lump Sum	0	\$10,000.00	2	2	\$20,000.00
Net Decrease							(\$1,580.00)

Approval of this Change Order would decrease the net Contract Price by \$1,580.00 making the Final Contract Price \$2,906,000.00.

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-3-17.

**DRAFT**

DUPAGE WATER COMMISSION

RESOLUTION NO. R-3-17

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN CONTRACT CHANGE ORDERS AT THE  
JANUARY 19, 2017, 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 \_\_\_\_\_, 2017.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

Exhibit 1

Resolution No. R-3-17

1. Change Order No. 1 to Contract Rehabilitation of Coating Systems and Fall Protection Systems for Tank Site No. 1 and No. 4 East (Contract SS-7/16) for a \$1,580.00 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. 1 and No. 4 East

CHANGE ORDER NO.  1

LOCATION: DuPage County, Illinois

CONTRACT NO. SS-7/16

CONTRACTOR: Era-Valdivia Contractors, Inc.

DATE: January 19, 2017

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 \$1,580.00 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>
D.1	Repair Welding	Man-Hours	50	\$70.00	0	(50)	(\$3,500.00)
E.1	Pit Filling and Surfacing	Gallons	6	\$150.00	0	(6)	(\$900.00)
F.1	Interior Chipping and Grinding	Man-Hours	140	\$50.00	0	(140)	(\$7,000.00)
G.1	Balcony Drain Holes	Each	50	\$100.00	20	(30)	(\$3,000.00)
H.1	Grout Repair	Lineal Ft.	4	\$20.00	0	(4)	(\$80.00)
I.1	Crack Repair	Lineal Ft.	40	\$40.00	0	(40)	(\$1,600.00)
J.1	Spall Repair	Square Ft.	4	\$125.00	0	(4)	(\$500.00)
K.1	Miscellaneous Additional Work	Man-Hours	100	\$50.00	0	(100)	(\$5,000.00)
CO#1	Additional Sandblast/Painting	Lump Sum	0	\$10,000.00	2	2	\$20,000.00
Net Decrease							(\$1,580.00)

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, 2016.
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>2,907,580.00</u>
2.	Net (addition) (reduction) due to all previous Change Orders	\$	<u>0.00</u>
3.	Contract Price, not including this Change Order	\$	<u>2,907,580.00</u>
4.	<del>(Addition)</del> Reduction to Contract Price due to this Change Order	\$	<u>-1,580.00</u>
5.	Contract Price including this Change Order	\$	<u>2,906,000.00</u>

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Dixon Engineering, Inc.

By: \_\_\_\_\_ ( \_\_\_\_\_ )  
 Signature of Authorized Representative Date

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 Representative Date

DUPAGE WATER COMMISSION:

By: \_\_\_\_\_ ( \_\_\_\_\_ )  
 Signature of Authorized Representative Date

DATE: January 6, 2017

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b> Engineering Committee	<b>ORIGINATING DEPARTMENT</b> Instrumentation/Remote Facilities
<b>ITEM</b> Telephone Services Over New Fiber Optic Cable	<b>APPROVAL</b>   

Account Number: 01-60-651401

The Commission's current telephone services are through AT&T over a copper ISDN data circuit. This type of service is becoming obsolete with a sunset date of December, 2017. This technology is being replaced using a managed internet service over fiber optic cable. The Commission solicited quotations from ATT and two other third party telephone companies. Of the three quotations received, AT&T's proposal is the most favorable to the interests of the Commission. Staff is requesting the normal purchasing procedures of the Commission's By-Laws be suspended.

Telephone Service Provider	Internet Service	PRI with 15 Call Paths	Monthly Cost	3-Year Term Total
AT&T	\$599.00	\$153.75	\$752.75	<b>\$27,099.00</b>
Access One	\$689.90	\$185.00	\$874.90	<b>\$31,496.40</b>
SNet Communications	\$734.99	\$150.00	\$884.99	<b>\$31,859.64</b>

Note: These prices do not include taxes and other fees.

**MOTION:** To suspend the purchasing procedures of the Commission's By-Laws and to authorize General Manager to execute a 3-year term contract with AT&T for telephone services.