



# DuPage Water Commission

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

NOTICE IS HEREBY GIVEN THAT THE RESCHEDULED FEBRUARY REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 6:00 P.M. ON THURSDAY, FEBRUARY 19, 2015, AT 600 EAST BUTTERFIELD ROAD, ELMHURST, ILLINOIS 60126. THE AGENDA FOR THE RESCHEDULED FEBRUARY 2015 REGULAR ENGINEERING & CONSTRUCTION COMMITTEE MEETING IS AS FOLLOWS:

**AGENDA**  
**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, FEBRUARY 19, 2015**  
**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 January 15, 2015 Regular Engineering & Construction Committee Meeting of the DuPage Water Commission.**

- III. Report of Status of Construction/Operations
- IV. R-2-15 A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-6/12 – **WAO-6.017 – McWilliams Electric Company, Inc. – Estimated Cost Not to Exceed \$45,500.00.**
- V. R-3-15 A Resolution Awarding a Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15) – **Contractor To Be Determined – Base Contract Price \$X,XXX,XXX.00.**
- VI. RFBA QRE-6.016 Work Authorization Order Change Order to McWilliams Electric Company, Inc. for Completion Date Revision (**No Cost Component**)
- VII. Discussion Items
- VIII. Old Business

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

IX. Other

X. Adjournment

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**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DUPAGE WATER COMMISSION  
HELD ON THURSDAY, JANUARY 15, 2015  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 6:20 P.M.

Committee members in attendance: D. Loftus, R. Furstenau, F. Saverino, M. Scheck and J. Zay (ex officio)

Committee members absent: None

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

Commissioner Furstenau moved to approve the Minutes of the December 18, 2014 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Scheck and passed as follows:

Ayes: D. Loftus, R. Furstenau, F. Saverino and M. Scheck

Nays: None

Absent: None

Facilities Construction Supervisor Bostick provided an oral report highlighting the Status of Operations report;

Regarding water conservation, Facilities Construction Supervisor Bostick advised the Committee that the Preserving Every Drop website is being consolidated with the Commission's main website to promote more browsing traffic onto the water conservation related web pages and reduce costs.

Regarding the Condition Assessment of Commission facilities, Facilities Construction Supervisor Bostick advised the Committee that AECOM has provided a 1st draft report of the Elmhurst facilities audit and they are currently working on clarifications and corrections before tendering the final form. In addition, the reported items were discussed at a workshop held on December 22<sup>nd</sup>. Also, AECOM is also preparing some very preliminary planning estimates for Staff use in preparing the upcoming Capital Improvement Plan and annual management budget being currently being drafted. Delivery of the remote facilities audit 1st draft report is anticipated shortly. General Manager Spatz advised the Committee that Staff is looking at the recommendations of AECOM and will be developing responses and plans of action in advance of receiving the final form of the reports.

## Engineering Committee Minutes 01/15/2015

Facilities Construction Supervisor Bostick advised the Committee that Contract SS-6/15 remains out for bids and currently ten (10) contractors have purchased the bid package. Facilities Construction Supervisor Bostick also advised the Committee of Addendum No. 1 being released in order to clarify language conflicts regarding the Contract Completion Time and the Sequencing of the Work.

Regarding SharePoint/Document Management, Facility Construction Supervisor Bostick advised the Committee that documents from the Finance and Operations departments are being moved into SharePoint. Once the transfers are completed, the Desksite system will be scanned to ensure all files have been transferred before the Desksite system is shut down.

Regarding the Infor EAM system upgrades, Facility Construction Supervisor Bostick advised the Committee that the upgrades are being delayed until later this month. General Manager Spatz advised that the Infor 11 upgrade is being delayed in order for Staff to focus on the Incode financial software upgrades which are already in process. Also, Facility Construction Supervisor Bostick advised the Committee about the organization of Operations Department's equipment and asset hierarchy to better summarize various aspects of collected data.

Committee Chairman Loftus inquired with the Committee if any other business or items are to be discussed. Hearing none, Commission Chairman Furstenau moved to adjourn the meeting at 6:33 P.M. Motion seconded by Commissioner Saverino and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, F. Saverino and M. Scheck

Nays: None

Absent: None

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# 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: February 12, 2015

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of January were a total of 2.062 billion gallons. This represents an average day demand of 66.5 million gallons per day (MGD), which is lower than the January 2014 average day demand of 71.9 MGD. The maximum day demand was 71.6 MGD on January 9, 2015, which is lower than the January 2014 maximum day demand of 79.1 MGD. The minimum day flow was 62.6 MGD.

The Commission's recorded total precipitation for the month of January was 1.41 inches compared to 2.82 inches for January 2014. The level of Lake Michigan for January 2015 is 579.11 (Feet IGLD 1985) compared to 577.27 (Feet IGLD 1985) for January of 2014.

### 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.

Staff is working with BridgePoint Technologies to consolidate [preservingeverydrop.org](http://preservingeverydrop.org) pages onto [dpwc.org](http://dpwc.org) as well as update the water calculator located on [preservingeverydrop.org](http://preservingeverydrop.org). This will reduce costs as well as bring more traffic to the water conservation pages on [dpwc.org](http://dpwc.org). Staff will retain the domain [preservingeverydrop.org](http://preservingeverydrop.org) and it will route to [dpwc.org](http://dpwc.org).

### Condition Assessment

AECOM has provided to date first draft reports of the Elmhurst facilities audit; metering stations audit; tank sites audit; and the remotely operated valves audit. AECOM is currently working on clarifications and corrections before tendering the final form. AECOM continues collecting data and evaluating possible criteria related to the pipeline assessment task. The Condition Assessment project is expected to be completed in March 2015.

### Facilities Construction Overview

#### DuPage County Service Areas

**York Township:** No Change: The Contractor's work is winding down and they have requested substantial completion status from DuPage County. The County's engineer is reviewing the substantial completion and change order requests with the County and seeking input from DWC Staff.

Staff is working with the County and the Village of Oak Brook to switchover the York Township Service Area to the permanent service connection and closure of the interim service connection.

#### Storage System Improvements

Eight bids were received on February 4<sup>th</sup> regarding rehabilitation of two standpipes. Resolution R-3-15 appears on the agenda awarding a Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15).

Ongoing: Staff held a meeting with Strand Associates to kick off feasibility studies regarding the potential for adding ancillary pumping systems at the standpipe sites. This is the continuation of efforts to maximize water quality in the Commission's water storage and transmission system. The study report is expected in March.

The Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation is out for bids as of February 12<sup>th</sup>. This work includes replacement of access hatches and improvements to air-release/vacuum vent system. Also included in the project are stairway replacements on the reservoir and also Metering Station 19B. Bid Opening is March 25<sup>th</sup> at 1:00 P.M.

### Instrumentation / Remote Facilities Overview

#### Remote Facilities Maintenance

Routine facility inspections, maintenance and calibrations are ongoing.

### Contract QRE-6/12

Work Authorization Order QRE-6.015, for the installation of a sump pump control system for the 84" Bypass Vault has been completed.

Work Authorization Order QRE-6.016, to relocate the weather station on the DuPage Pumping Station Reservoir could not be completed by January 16, 2015 due to weather conditions. A Change Order, in the form of a Request for Board Action (RFBA) appears on the agenda requesting revision of the completion date to March 31, 2015.

Work Authorization Order QRE-6.017, to upgrade the electrical system at 38 meter stations to current NEC standards appears on the agenda as R-2-15.

### Meter Shop

The annual customer meter calibration program is ongoing and is approximately 60% complete. All testing to date have found all customer meters registering within contractual limits.

### SharePoint/Document Management

Migration of the final documents into SharePoint has been delayed but this project should be completed soon.

### Infor EAM

The migration to Infor EAM 11 is complete. It took longer than expected for the consultant to get all components of the system to function properly due to unexpected technical problems but Infor 11 is now up and running. Once Infor was back on line there were numerous minor issues with customizations that needed to be manually implemented but these are now taken care of. User acceptance of the new system is good with only minor issues mainly related to the layout of the user interface.

### Pipeline Maintenance and Construction Overview

#### Contract QR-10/13

A potential water leak exists on the Southwest Transmission Main at the northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard. Staff is investigating the situation before undertaking any further action.

Work authorized under Resolution R-19-14 for pavement repairs and frame and lid adjustments at 46 manhole structures has been suspended until weather conditions permit. To date, 60% of the locations (28 sites) have been completed.

**FEBRUARY 2015 COMMISSION AGENDA ITEMS:**

**R-2-15:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-6/12 – **WAO-6.017 – McWilliams Electric Company, Inc. – Estimated Cost Not to Exceed \$45,500.00.**

**R-3-15:** A Resolution Awarding a Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15) – **(Contractor and Cost to be Determined)**

**RFBA:** QRE-6.016 Work Authorization Order Change Order to McWilliams Electric Company, Inc. for Completion Date Revision **(No Cost Component)**

**Attachments**

1. DuPage Laboratory Bench Sheets for January, 2014
2. Water Sales Analysis 01-January-09 to 31 January-2014
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages



DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR JANUARY 2015

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	PO <sub>4</sub> mg/l	FREE CL <sub>2</sub> mg/l	TURBIDITY NTU	PO <sub>4</sub> mg/l	TEMP °F	pH	Fluoride mg/l	PO <sub>4</sub> mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.96	0.10	0.53	0.92	0.09	0.54	40	7.5	0.9	0.54	0	CT
2	0.97	0.10	0.50	0.93	0.09	0.54	40	7.5	0.9	0.54	0	CT
3	0.97	0.10	0.56	0.94	0.09	0.55	40	7.6	1.0	0.55	0	RC
4	0.96	0.11	0.55	0.96	0.09	0.53	41	7.5	1.1	0.53	0	RC
5	0.97	0.11	0.53	0.96	0.09	0.51	40	7.5	1.1	0.51	0	RC
6	0.95	0.11	0.55	0.94	0.09	0.51	40	7.5	1.0	0.51	0	RC
7	0.95	0.10	0.53	0.96	0.09	0.54	40	7.5	1.0	0.54	0	RC
8	0.95	0.09	0.52	0.94	0.10	0.54	40	7.5	1.0	0.54	0	RC
9	0.96	0.09	0.51	0.95	0.09	0.52	39	7.6	1.0	0.52	0	RC
10	0.95	0.09	0.52	0.95	0.10	0.54	41	7.6	1.0	0.54	0	CT
11	0.97	0.10	0.55	0.93	0.10	0.54	39	7.5	1.1	0.54	0	CT
12	0.95	0.10	0.53	0.94	0.10	0.55	39	7.5	0.9	0.55	0	RC
13	0.94	0.09	0.56	0.97	0.10	0.51	39	7.5	0.9	0.51	0	RC
14	0.95	0.10	0.52	0.94	0.10	0.55	39	7.5	0.9	0.55	0	CT
15	0.96	0.09	0.54	0.95	0.09	0.53	39	7.5	0.9	0.53	0	CT
16	0.94	0.09	0.54	0.96	0.09	0.54	39	7.5	1.1	0.54	0	CT
17	0.95	0.10	0.54	0.93	0.10	0.53	38	7.5	1.1	0.53	0	RC
18	0.94	0.10	0.51	0.94	0.09	0.55	38	7.5	1.0	0.55	0	RC
19	0.95	0.10	0.56	0.93	0.09	0.54	37	7.5	1.0	0.54	0	CT
20	0.96	0.10	0.54	0.95	0.09	0.53	38	7.5	1.0	0.53	0	CT
21	0.95	0.11	0.54	0.95	0.08	0.54	39	7.5	1.0	0.54	0	RC
22	0.92	0.11	0.55	0.94	0.08	0.53	38	7.5	1.1	0.53	0	RC
23	0.94	0.10	0.52	0.91	0.10	0.52	38	7.5	1.1	0.52	0	RC
24	0.93	0.10	0.55	0.91	0.09	0.54	36	7.4	1.0	0.53	0	AM
25	0.95	0.10	0.54	0.92	0.10	0.53	37	7.5	1.1	0.53	0	AM
26	0.94	0.11	0.56	0.90	0.08	0.51	37	7.5	1.1	0.51	0	KD
27	0.95	0.10	0.54	0.92	0.09	0.53	37	7.6	1.0	0.53	0	KD
28	0.94	0.10	0.55	0.92	0.09	0.55	38	7.6	1.1	0.55	0	AM
29	0.95	0.10	0.56	0.92	0.09	0.54	36	7.5	1.1	0.54	0	AM
30	0.95	0.10	0.54	0.94	0.08	0.54	36	7.5	1.1	0.54	0	AM
31	0.95	0.11	0.55	0.93	0.08	0.54	36	7.4	1.0	0.54	0	KD
AVG	0.95	0.10	0.54	0.94	0.09	0.53	39	7.5	1.0	0.53	0	
MAX	0.97	0.11	0.56	0.97	0.10	0.55	41	7.6	1.1	0.55	0	
MIN	0.92	0.09	0.50	0.90	0.08	0.51	36	7.4	0.9	0.51	0	



Terrance McGehee  
Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

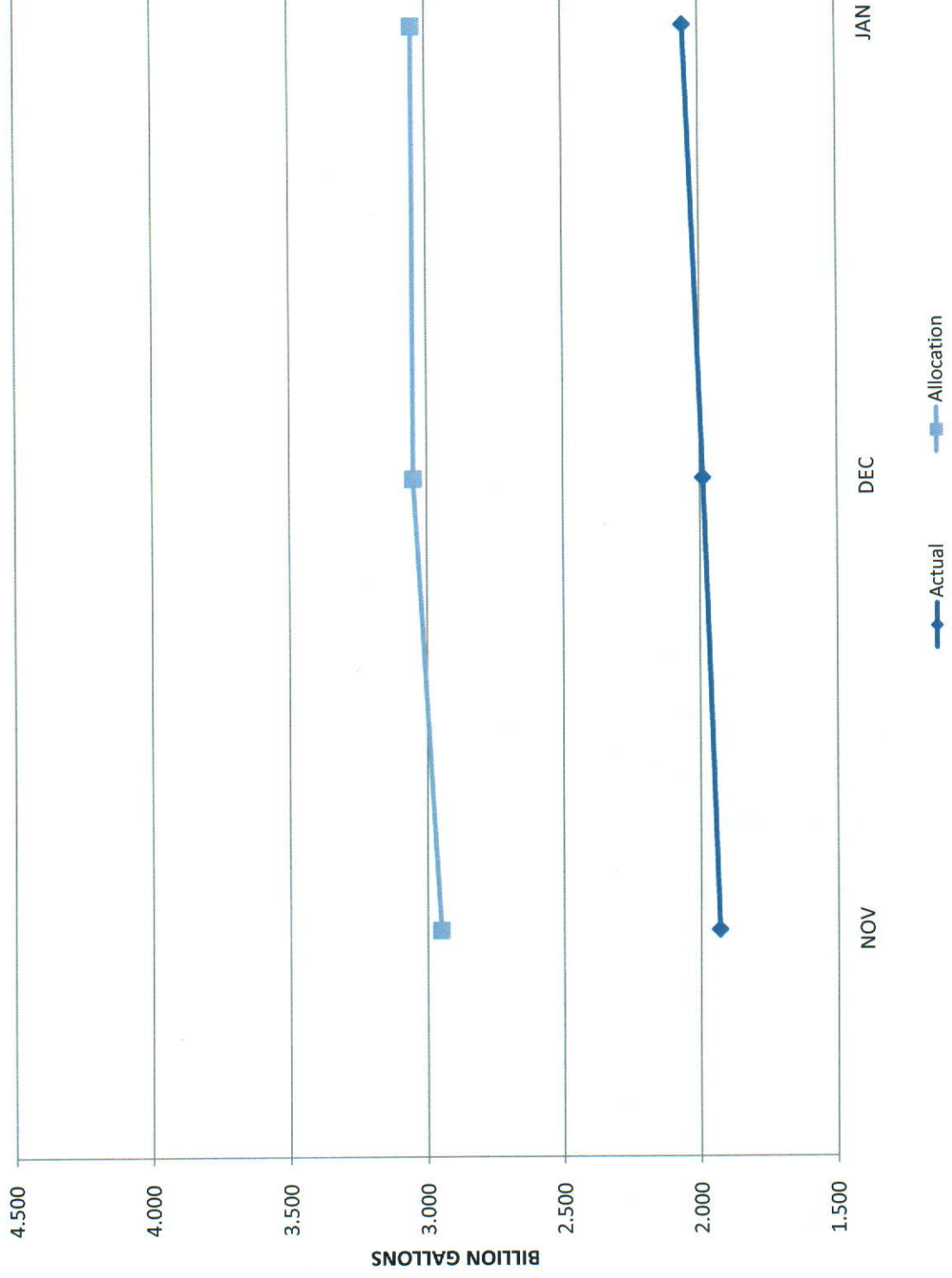
01-May-92 TO 31-Jan-15  
PER DAY AVERAGE 80,395,623

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-11	2,342,971,000	2,384,648,379	98.25%	\$4,779,660.84	\$4,781,220.00	603,990	0.03%	98.28%	\$2.04	\$2.005
Jun-11	2,467,779,000	2,526,763,092	97.67%	\$5,034,118.96	\$5,066,160.00	700,540	0.03%	97.69%	\$2.04	\$2.005
Jul-11	3,211,413,000	3,276,142,145	98.02%	\$6,551,276.72	\$6,568,665.00	1,090,800	0.03%	98.06%	\$2.04	\$2.005
Aug-11	2,733,016,000	2,779,503,741	98.33%	\$5,575,352.64	\$5,572,905.00	792,559	0.03%	98.36%	\$2.04	\$2.005
Sep-11	2,486,823,000	2,533,174,564	98.17%	\$5,073,028.92	\$5,079,015.00	1,078,701	0.04%	98.21%	\$2.04	\$2.005
Oct-11	2,206,656,398	2,249,745,636	98.08%	\$4,501,579.05	\$4,510,740.00	681,023	0.03%	98.11%	\$2.04	\$2.005
Nov-11	1,988,038,000	2,012,618,454	98.68%	\$4,051,517.52	\$4,035,300.00	850,000	0.04%	98.72%	\$2.04	\$2.005
Dec-11	2,046,708,000	2,072,416,459	98.76%	\$4,175,284.32	\$4,155,195.00	974,459	0.05%	98.81%	\$2.04	\$2.005
Jan-12	2,073,584,000	2,111,472,876	98.21%	\$5,660,884.32	\$5,293,462.50	978,662	0.05%	98.25%	\$2.73	\$2.507
Feb-12	1,928,054,000	1,974,613,582	97.54%	\$5,258,127.42	\$4,950,356.25	923,283	0.05%	97.59%	\$2.73	\$2.507
Mar-12	2,006,949,000	2,047,616,873	98.01%	\$5,478,970.77	\$5,133,375.00	1,394,581	0.07%	98.08%	\$2.73	\$2.507
Apr-12	2,020,132,000	2,067,114,579	97.73%	\$5,514,960.36	\$5,182,256.00	1,425,448	0.07%	97.80%	\$2.73	\$2.507
May-12	2,571,924,000	2,631,095,433	97.75%	\$7,021,352.52	\$6,596,156.25	845,168	0.03%	97.78%	\$2.73	\$2.507
Jun-12	3,400,363,000	3,498,823,295	97.19%	\$9,282,990.99	\$8,771,550.00	1,375,200	0.04%	97.23%	\$2.73	\$2.507
Jul-12	3,529,438,000	3,609,199,242	97.79%	\$9,635,365.74	\$9,048,262.50	1,048,718	0.03%	97.82%	\$2.73	\$2.507
Aug-12	2,941,022,000	3,012,931,292	97.61%	\$8,028,990.06	\$7,553,418.75	986,869	0.03%	97.65%	\$2.73	\$2.507
Sep-12	2,477,340,000	2,530,704,029	97.89%	\$6,763,138.20	\$6,344,475.00	1,328,048	0.05%	97.94%	\$2.73	\$2.507
Oct-12	2,204,646,000	2,250,972,278	97.94%	\$6,018,683.58	\$5,643,187.50	1,277,774	0.06%	98.00%	\$2.73	\$2.507
Nov-12	1,997,315,000	2,038,118,269	98.00%	\$5,452,669.95	\$5,109,562.50	1,099,388	0.05%	98.05%	\$2.73	\$2.507
Dec-12	2,051,481,000	2,091,309,334	98.10%	\$5,600,543.13	\$5,242,912.50	882,788	0.04%	98.14%	\$2.73	\$2.507
Jan-13	2,118,398,000	2,159,418,779	98.10%	\$7,033,081.92	\$6,223,444.92	836,113	0.04%	98.14%	\$3.32	\$2.882
Feb-13	1,903,034,000	1,950,611,450	97.56%	\$6,318,072.88	\$5,621,662.20	1,106,766	0.06%	97.62%	\$3.32	\$2.882
Mar-13	2,046,176,000	2,085,514,809	98.11%	\$6,793,304.32	\$6,010,453.68	1,128,463	0.05%	98.17%	\$3.32	\$2.882
Apr-13	1,987,777,000	2,035,998,626	97.63%	\$6,599,419.64	\$5,867,748.04	708,538	0.03%	97.67%	\$3.32	\$2.882
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	\$8,392,318.24	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	1,998,890,000	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	\$6,268,483.76	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	788,729	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
TOTALS (1)	668,168,021,798	686,919,438,340	97.27%	\$1,078,301,705.26	\$1,010,051,341.44	658,092,739	0.10%	97.37%	\$1.61	\$1.470

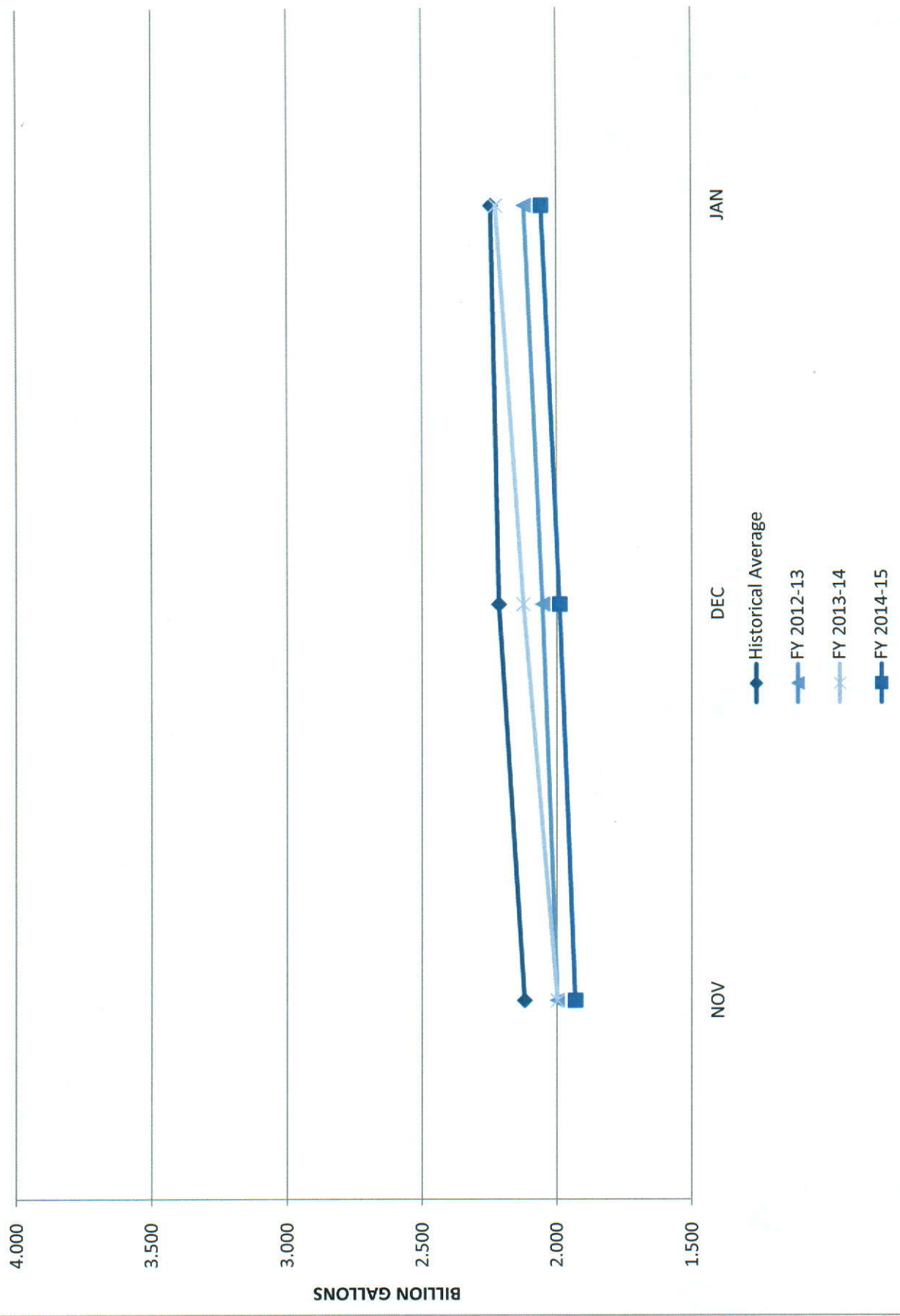
- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD										
Jan-14	21,577,344,000	22,171,169,566	97.32%	73,082,238	64,890,300				\$3.39	\$2.927
Jan-15	19,993,566,000	20,600,675,353	97.05%	80,833,343	89,362,737				\$4.04	\$3.367
	(1,583,778,000)	(1,570,494,213)		\$7,751,105	\$4,472,437					
	-7.3%	-7.1%		10.6%	6.9%					
Month										
Jan-14	2,223,778,000	2,287,994,451	97.19%	8,828,399	7,586,990				\$3.97	\$3.316
Jan-15	2,054,769,000	2,114,481,626	97.18%	9,616,319	8,062,518				\$4.68	\$3.813
	(169,009,000)	(173,512,825)		\$ 787,920	\$ 475,529					
	-7.6%	-7.6%		10.4%	5.4%					
Jan>Dec	66,702,000	64,704,786		1,723,693	1,265,458					

# DU PAGE WATER COMMISSION SALES FY 2014-15 VS. ALLOCATION

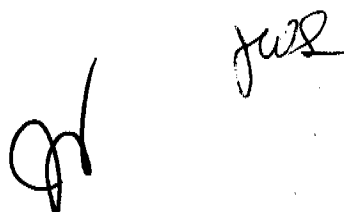


# DU PAGE WATER COMMISSION SALES FY 2014-15, 2013-14 & 2012-13 VS. HISTORICAL AVERAGE



DATE: February 12, 2015

# REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Instrumentation/ Remote Facilities
<b>ITEM</b>	A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-6/12 at the February 19, 2015, DuPage Water Commission Meeting  Resolution No. R-2-15	<b>APPROVAL</b>	

Account Numbers: 01-60-6633

The Commission entered into certain agreements dated December 10, 2012, with Divane Bros. Electric Co. and with McWilliams Electric Co. Inc. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-2-15 would approve the following Work Authorization Order under the Quick Response Electrical Contracts:

**Work Authorization Order No. 017:** This Work Authorization is to McWilliams Electric Co. Inc., to upgrade the electrical system at 38 meter stations to current NEC standards. Staff identified a few electrical upgrades that are needed at most meter stations, so both QRE contractors evaluated a sampling of meter stations and provide recommendations and cost estimates to bring the electrical system at each location up to current NEC standards. Staff selected two sample meter stations from each of the major construction contracts, MS-2/87 and MS-3/87 the evaluation indicated differences in installation of the electrical systems between the two contracts. Last year under Work Authorization Order No. 003, McWilliams Electric was authorized and completed the electrical upgrade to 29 meter stations that were built under contract MS-3/87. Work Authorization Order No. 017 will upgrade the electrical systems at the meter stations primarily built under contract MS-2/87. Both QRE contractor's were given the chance to re-evaluate the meter stations and provided updated estimates, see table below.

QRE Contractor	Description	Estimate
McWilliams	MS-2/87 sample meter stations	\$1,191.00/each
Divane	MS-2/87 sample meter stations	\$2,500.00/each

The total cost for this work is estimated to not exceed \$45,500.00.

**MOTION:** To adopt Resolution No. R-2-15.

## DUPAGE WATER COMMISSION

## RESOLUTION NO. R-2-15

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN WORK AUTHORIZATION ORDERS  
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-6/12  
AT THE FEBRUARY 19, 2015, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated December 10, 2012, with Divane Bros. Electric Co. and with McWilliams Electric Co. Inc. for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-6/12"); and

WHEREAS, Contract QRE-6/12 is designed to allow the Commission to direct one or more or all of the quick response electrical contractors to perform emergency electrical work, including without limitation electrical work that the Commission is unable to perform through its own personnel and with its own equipment, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the need for such emergency electrical work could not have been reasonably foreseen at the time the contracts were signed;

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

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

SECTION TWO: The Work Authorization Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby

Resolution No. R-2-15

are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of staff, that the circumstances said to necessitate the Work Authorization Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are germane to the original contracts as signed, and/or the Work Authorization Orders are in the best interest of the DuPage Water Commission and authorized by law.

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

AYES:

NAYS:

ABSENT:

ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

## WORK AUTHORIZATION ORDER

SHEET 1 OF 2

### CONTRACT QRE-6/12: QUICK RESPONSE ELECTRICAL CONTRACT

#### **PROJECT: QRE-6.017**

##### **LOCATION:**

38 Meter Stations, see Exhibit for Meter Station addresses or location directions.

##### **CONTRACTOR:**

McWilliams Electric Co. Inc.

##### **DESCRIPTION OF WORK:**

Upgrade electrical panels to bring the electrical system at each location up to NEC standards. Work includes but not limited to the following:

- LP breaker panel remove old Surge Protective Device (SPD) and replace with new SPD (provided by owner) and dual breaker.
- LP and HP breaker panels correct any grounding deficiencies within panels and between panels and meter sockets.
- Add conduit to protect ground cables to both breaker panels and RTU enclosure.
- Eliminate pigtailed and circuits that use the panels as a J-Box inside breaker panels.

##### **REASON FOR WORK:**

Upgrade the electrical system at the Commission's meter station's to current NEC standards. The original meter stations were constructed in the early 1990's.

- An installed SPD that is wired in parallel with an existing load on a single breaker
- No ground bus bars, ground for meter sockets coming from breaker panels
- Unprotected ground cables wired to the breaker panels and RTU
- Pigtailed or multiple wires on a single breaker
- Breaker panels used as a Junction Box for wires to pass through.

##### **MINIMUM RESPONSE TIME:**

Completed by April 30, 2015



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

- GE Wallmount Tranquell SPD, Catalog #TLE-120S-050-WM
- 1/2" x 10' Copper ground rods, if needed

**THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER**

IS  IS NOT PRIORITY EMERGENCY WORK

**SUBMITTALS REQUESTED:**

None

**SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:**

None

**SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:**

None

**DUPAGE WATER COMMISSION**

By: \_\_\_\_\_  
Signature of Authorized  
Representative

DATE: \_\_\_\_\_

**CONTRACTOR RECEIPT ACKNOWLEDGED:**

By: \_\_\_\_\_  
Signature of Authorized  
Representative

DATE: \_\_\_\_\_

Exhibit

FACILITY	ADDRESS OR LOCATION	CITY	COMED ACCOUNT #	LAT	LONG
MS2A	130 N. Church Rd.	Bensenville	6974153007	41.95897	-87.94947
MS3A	240 S. Gary Ave.	Bloomington	6006795004	41.94331	-88.12020
MS3B	236 Winston Ln.	Bloomington	6261226006	41.94659	-88.07693
MS4A	124 Gerzevske Ln.	Carol Stream	6507763006	41.90619	-88.11102
MS4B	Kuhn Rd. N of North Ave.	Carol Stream	8439108002	41.90918	-88.14210
MS5A	Tomahawk Ct.	Wheaton	6414626007	41.84292	-88.13226
MS5B	405 E Grand Ave.	Bensenville	6729737004	41.93144	-87.93507
MS5C	5150 Kingston Ave.	Lisle	8032159003	41.79093	-88.06818
MS5D	625 Joyce St.	Lombard	8168655005	41.90204	-88.00437
MS5E	22W550 Birchwood Dr.	Glen Ellyn	6579005008	41.82761	-88.06686
MS7A	1220 Plainfield Rd.	Darien	9170139008	41.74922	-87.97594
MS8D	3501 Finley Rd.	Downers Grove	8613417000	41.82332	-88.02478
MS8E	2305 Maple	Downers Grove	6686446002	41.78488	-88.03842
MS10A	Linden & Adams	Elmhurst	8579557009	41.87484	-87.92650
MS10B	S. Myrtle & W Park Ave.	Elmhurst	6563777002	41.89916	-87.95015
MS10C	York & 290	Elmhurst	6981534003	41.91347	-87.93901
MS11B	St. Andrews Dr. & Medinah Cir.	Glendale Heights	6757037000	41.90596	-88.09629
MS12A	Maple St. & Park Ave.	Hinsdale	7095062004	41.80472	-87.92463
MS13A	6405 Lexington	Lisle	6522106007	41.76902	-88.10104
MS13B	Western Ct. & Western Ave.	Lisle	6604262004	41.80386	-88.09750
MS14A	2020 S. Highland Ave.	Lombard	6904359008	41.84678	-88.01333
MS14D	Steward & Norton	Lombard	6906103004	41.86546	-88.01046
MS15A	1699 Ranchview	Naperville	*63519-53664	41.74030	-88.09607
MS15B	1303 Clyde Dr.	Naperville	*63519-62606	41.74793	-88.13571
MS15C	Chicago Ave. & Olsen	Naperville	6856326000	41.77713	-88.11859
MS15D	1595 N. Naper Blvd.	Naperville	*63519-20818	41.79942	-88.12155
MS15E	Mill St. & Warrenville Rd.	Naperville	6498650003	41.81195	-88.15666
MS15F	1604 Diehl Rd.	Naperville	*63519-5134	41.79885	-88.19833
MS16A	1915 York Rd.	Oakbrook	6818020009	41.85156	-87.92897
MS16C	2710 Meyers Rd.	Oakbrook	8162552005	41.83794	-87.99385
MS20A	Rear of 765 Pasquinelli	Westmont	7347309001	41.81472	-87.95025
MS20B	Willow Way & Cass	Westmont	8778338004	41.76939	-87.97466
MS21B	Liberty Dr. & Corss St.	Wheaton	5989471002	41.86410	-88.10497
MS21C	615 Countryside Dr.	Wheaton	8507450006	41.88341	-88.09624
MS22A	701 73rd Ct.	Willowbrook	7494517008	41.75471	-87.93979
MS26B	70 S. Lambert	Glen Ellyn	7837396001	41.85657	-88.07679
MS27A	Pleasant Hill Rd. & Great Western Trail	Winfield	0793700008	41.90021	-88.13362
MS28A	Cass Ave. S of 91st St.	Willowbrook	Argonne	41.71820	-87.96704


(\* Naperville Electric)



# DuPage Water Commission

## MEMORANDUM

TO: Chairman Zay and Commissioners

FROM: John Spatz, General Manager 

DATE: February 12, 2015

SUBJECT: Resolution R-3-15 – Award of Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15)

On December 12, 2014, the Commission invited sealed bids for Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15). As required by state statute, the Commission advertised for bids on two separate occasions in the Chicago Tribune, in addition to direct notification to potential bidders, by placing the advertisement for bids in several construction trade plan rooms, by posting the advertisement for bids on the Commission's web site.

Sealed bids were received until 1:00 p.m., local time, February 4, 2015, at which time all bids were publicly opened and read aloud. The engineer's 2013 estimate was \$2,004,000.00 and the bids, including supplemental unit pricing extensions, were received as follows:

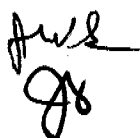
V&T Painting, LLC – Farmington Hills, MI	\$1,956,050.00
Civil Coatings and Construction, Inc. – Valparaiso, IN	\$2,461,093.00
ERA Valdivia Contractors, Inc. – Chicago, IL	\$3,106,980.00
Tecorp, Inc. – Joliet, IL	\$3,382,153.00
Maxcor Incorporated – New Lenox, IL	\$3,820,300.00
Worldwide Industries Corp. – Butler, PA	\$4,682,300.00
Classic Protective Coatings – Menomonie, WI	\$4,975,650.00
Horizon Brothers Painting – Howell, MI	\$6,367,900.00

Staff and Tank Industry Consultants, the engineers for the project, and Commission Legal Counsel are in the process of evaluating the qualifications of the three low bidders, including requesting additional information in accordance with the bidding documents for the project.

Additional information will be provided in a February 17, 2015, Supplemental Board packet.

DATE: February 6, 2015

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Instrumentation / Remote Facilities
<b>ITEM</b>	QRE-6.016 Work Authorization Order Change Order to McWilliams Electric Company, Inc. for Completion Date Revision	<b>APPROVAL</b>	
Account Number: 01-60-6633			
<p>The Commission entered into certain agreements dated December 10, 2012, with Divane Bros. Electric Co. and with McWilliams Electric Co. Inc. for quick response electrical work as needed through the issuance of Work Authorization Orders.</p> <p>Work Authorization Order No. 016 was approved under Resolution R-32-14 at the December 18, 2014 DuPage Water Commission Meeting. The Work Authorization was to McWilliams Electric Co. Inc. to relocate the weather station on top of the reservoir so it would not interfere with the construction of replacing the reservoir hatches. The original schedule for the reservoir hatch work required the weather station to be relocated by mid-January. Weather was extremely cold and the contractor could not trench the ground to install about 250' of conduit for the signals from the weather station. Subsequently the reservoir hatch project was delayed and the expected approval of the project should take place at the March Board Meeting.</p> <p>Commission staff is recommending the approval to change the completion date from January 16, 2015 to March 31, 2015. There is no revision in the price.</p>			
<b>MOTION:</b> To authorize a change in completion date of QRE-6.016 Work Authorization Order from January 16, 2015 to March 31, 2015 with no change in price.			

**CHANGE ORDER**

**THE DU PAGE WATER COMMISSION**

**SHEET 1 OF 2**

**PROJECT NAME: QRE-6.016 WAO**

**CHANGE ORDER NO. 1**

**LOCATION: DuPage Pumping Station Top of Reservoir**

**CONTRACTOR: McWilliams Electric Co., Inc.**

**DATE: February 6, 2015**

**I. A. DESCRIPTION OF CHANGES INVOLVED:**

Minimum Response Time: Change from "Completed no later than January 16, 2015" to "Completed no later than March 31, 2015".

**B. REASON FOR CHANGE:**

The reason for having this completed in January no longer applies, because the work on the reservoir hatches has been delayed and is now expected to be approved at the March Board Meeting and then many weeks before construction begins. Weather conditions would have made the original completion date very difficult to achieve.

**C. REVISION IN PRICE:**

\$0.00

**II. CHANGE ORDER CONDITIONS:**

1. This Change Order, unless otherwise provided herein, does not relieve the Contractor from strict compliance with the guarantee provisions of the Original Contract.

**CHANGE ORDER NO. 1**

**III. ADJUSTMENTS IN AMOUNT OF CONTRACT:**

1.	Amount of Original Work Authorization Order (WAO)	\$	13,500.00
2.	Addition to WAO Due To This Change Order	\$	0.00
3.	Amount of WAO Including This Change Order	\$	13,500.00

ACCEPTED: CONTRACTOR: Divane Bros. Electrical Co.

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

DU PAGE WATER COMMISSION:

BY: \_\_\_\_\_ (\_\_\_\_\_)  
John Spatz Date  
General Manager