



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, APRIL 16, 2015
6:20 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 March 19, 2015 Rescheduled Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-9-15: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 – John Neri Construction Co., Inc. (Estimated Cost of \$87,650.00)**
- V. **R-10-15: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-6/12– Divane Bros. Electric Co., estimated cost not-to-exceed \$3,500.00)**
- VI. **R-11-15: A Resolution Awarding a Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation – Manusos General Contracting, Inc. (\$278,334.00)**
- VII. **RFBA: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 19817 to Schneider Electric (\$25,566.00)**
- VIII. Old Business
- IX. Other
- X. Adjournment

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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, MARCH 19, 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, M. Scheck and J. Zay

Committee members absent: F. Saverino

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

Commissioner Scheck moved to approve the Minutes of the February 19, 2015 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Furstenau and passed as follows:

Ayes: D. Loftus, R. Furstenau, M. Scheck and J. Zay

Nays: None

Absent: F. Saverino

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

Regarding the Condition Assessment of Commission facilities, Facilities Construction Supervisor Bostick advised the Committee that the inspections of Commission's facilities is complete with the exception of the two 15MG reservoirs at the DuPage Pumping Station which are scheduled to be performed during the reservoir hatch replacement project. The Committee was advised that AECOM has tendered the 1st draft of the final report which is being revised for minor clarifications and corrections.

Regarding Operations Maintenance, Facilities Construction Supervisor Bostick advised the Committee that R-5-15 appears on the agenda which requests authorization to execute QRE-6/12 Work Authorization Order 6.018 to add conduit and cabling to enable remote monitoring of certain water quality instrumentation and to upgrade three (3) lighting panels to current electrical standards.

Facilities Construction Supervisor Bostick advised the Committee that resolution R-6-15 appears on the agenda requesting a suspension of the Commission Purchasing Procedures to authorize the General Manager to quickly purchase materials and labor services from Patten Power Systems in relation to the emergency generator system repairs at a cost not-to-exceed \$100,000.00. Supervisor Bostick advised that Patten is the sole regional Caterpillar parts and authorized service center; there may be warranty

implications using non-factory authorized service providers; as reaping the benefit that Patten worked for the electrical contractor on the installation of the generators and controls and Patten is inherently familiar with the Commission's emergency generation sub-system. Commissioner Furstenau inquired if the request was for a single purchase of materials and service. Facilities Construction Supervisor Bostick advised the request was for individual repair events as needed not to exceed the aggregate of \$100,000.00. Chairman Loftus advised that he was in favor of the request due to the need to have timely repairs performed and the importance of maintaining the ability to deliver water.

Facility Construction Supervisor Bostick advised the Committee that a Request For Board Action (RFBA) appears on the agenda to purchase the replacement packaged HVAC air handler unit for the Public Meeting Room and also stated the item was included in the FY-2014/15 budget and Capital Improvement Plan.

Regarding DuPage County's York Township Service Area, Facility Construction Supervisor Bostick advised the Committee the County has discontinued service from the Village of Oak Brook interim service connection and is now taking their full water requirement through the permanent York Township connection facilities.

Regarding the Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15), Facility Construction Supervisor Bostick advised the Committee the contracts have been signed and a preconstruction meeting had been held. Facility Construction Supervisor Bostick also advised that R-8-15 appears on the agenda recommending a change in the resident inspection service provider. General Manager Spatz provided the Committee with events leading up to the decision to recommend replacement of the engineering firm.

General Manager Spatz also advised the Committee that a direction was needed regarding the colors of the standpipes and the attachment of logos. A discussion was held regarding complete omission of logos; maintain the current logos; or the addition of the Commission's logos, including the possibility of re-designing Commission logos. Chairman Loftus stated that he felt there was time to make the decision without impacting the contract and determined that further discussions would be held.

Facility Construction Supervisor Bostick advised that Strand Associates has submitted the draft final 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. Staff review and finalization of the study report is expected shortly.

Facility Construction Supervisor Bostick advised the Committee about the Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation Bid Opening being March 25th and to date there are 10 plan holders.

Regarding Pipeline Maintenance, General Manager Spatz advised the Committee the water main leak on the Southwest Transmission Main at the northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard has had an internal inspection and leak detection services performed. General Manager Spatz advised that

Engineering Committee Minutes 03/19/2015

the location of the leak has been identified and Staff will be discussing the means and methods to repair the water main. Facilities Construction Supervisor Bostick advised that in relation to this issue and appearing on the Commission agenda is R-7-15 being A Resolution Suspending Purchasing Procedures and authorizing the General Manager to purchase labor services for emergency leak detection from Pure Technologies US Inc. at a cost not-to-exceed \$52,000.00.

Committee Chairman Loftus inquired with the Committee if there were any questions regarding the Status of Operations report or action items. Hearing none, Commissioner Scheck moved to recommend approval of items 2 through 6 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Furstenau and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, M. Scheck and J. Zay

Nays: None

Absent: F. Saverino

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 6:52 P.M. Motion seconded by Commission Chairman Zay and passed unanimously as follows:

Ayes: D. Loftus, R. Furstenau, M. Scheck and J. Zay

Nays: None

Absent: F. Saverino

SP2013/MINUTES/ENGINEERING/2015/ENG150319.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: April 9, 2015

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of March were a total of 2.107 billion gallons. This represents an average day demand of 68.0 million gallons per day (MGD), which is lower than the March 2014 average day demand of 70.4 MGD. The maximum day demand was 77.2 MGD on March 1, 2015, which is higher than the March 2014 maximum day demand of 76.80 MGD. The minimum day flow was 61.1 MGD.

The Commission's recorded total precipitation for the month of March was 1.10 inches compared to 1.71 inches for March 2014. The level of Lake Michigan for March 2015 is 579.01 (Feet IGLD 1985) compared to 577.26 (Feet IGLD 1985) for March of 2014.

Water Conservation

Staff is attending a few water conservation events in April:

- DuPage County Energy Conservation and Air Quality Improvement Press Release Event on April 14
- Argonne Earth Day for employees on April 22
- Cosley Zoo Party for the Planet on April 25
- Several Commission staff members will be visiting Hadley Junior High in Glen Ellyn on April 28th, 29th, and 30th to will serve on a water conservation panel for sixth graders

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 pages onto dpwc.org. This will reduce costs as well as bring more traffic to the water conservation pages on dpwc.org. Staff will retain the domain preservingeverydrop.org and it will route to water conservation pages on dpwc.org.

Condition Assessment

AECOM has provided submitted a report final report in draft form. The report is being reviewed for clarifications and corrections with the delivery of the final form being expected in the next few weeks.

Contract QRE-6/12

Work Authorization Order QRE-6.018, to install conduit and cabling from the Water Contamination Detection system to the DuPage Pumping Station SCADA system and Upgrade three (3) lighting panels from 120/208 volt, 3 phase to 120/240 volt single phase is scheduled to be completed the week of April 13, 2014.

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.

Storage System Improvements

The Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15) is underway. The Contractor is submitting shop drawings and other required documentation. Mobilization to Tank Site No. 2 is expected the week of April 13th.

Ongoing: Strand Associates has tendered draft 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 under review by Staff.

A resolution to award the Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation appears on the agenda as R-11-15. 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.

Instrumentation / Remote Facilities Overview

Contract QRE-6/12

Work Authorization Order QRE-6.016, to relocate the weather station on the DuPage Pumping Station is complete.

Work Authorization Order QRE-6.017, to upgrade the electrical system at 38 meter stations is approximately 95% completed.

Work Authorization Order QRE-6.019, to repair a damaged conduit at Meter Station 7B/8F in Darien appears on the agenda as R-10-15.

Meter Shop

The annual customer meter calibration program is ongoing and is approximately 94% complete and is expected be complete by the end of April. All testing to date have found all customer meters registering within contractual limits.

Infor EAM

The Infor EAM Mobile application is working well on a single shared iPad used by the Operations Department. Next we are going to test an iPad mini which, because of its smaller size, will probably be the preferred device for tracking and updating work orders in the pumping facility. After this we are going to set up mobile inspections for Instrumentation and Remote Facilities for use in the field.

We received the results of the Wi-Fi evaluation and are working through the issues involved. To balance costs and performance it seems likely that we will end up with a hybrid system that uses Wi-Fi and 4G to connect to the network. Details still need to be worked out.

GIS

Pipelines department has started using the ArcGIS Collector app in the field to record locations of leaks and marker balls. Collector is a free app from ESRI that allows users to edit GIS features in the field and upload to the cloud. It runs on smart phones and iPads and uses GPS to track locations. It's anticipated that the app will be especially useful for recording locations of newly installed cathodic protection test stations and electronic marker balls.

Pipeline Maintenance and Construction Overview

Contract QR-10/13

Work has resumed for pavement repairs and frame and lid adjustments at 46 manhole structures. This work had been postponed for winter.

Water main repairs are expected to begin the week of April 13th on the Southwest Transmission Main at the northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard. Resolution R-9-15 appears on the seeking approval and ratification of Work Authorization Order No.6 under QR-10/13 to perform the necessary repairs.

Pipeline Maintenance

Staff will resume the installation of cathodic protection test stations in DuPage County right of ways upon permit issuance by the DuPage County Department of Transportation.

APRIL 2015 COMMISSION AGENDA ITEMS:

R-9-15: A Resolution Approving and Ratifying Certain Work Authorization Orders under Quick Response Contract QR-10/13 – John Neri Construction Co., Inc. **(Estimated Cost of \$87,650.00)**

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RFBA: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 19817 to Schneider Electric **(\$25,566.00)**

Attachments

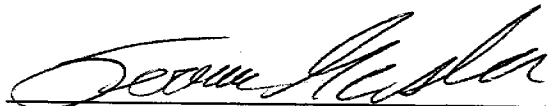
1. DuPage Laboratory Bench Sheets for March, 2015
2. Water Sales Analysis 01-March-09 to 31-March-2015
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR MARCH 2015

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	1.00	0.10	0.50	1.00	0.09	35	7.6	0.9	0.52	0	CT
2	1.00	0.10	0.53	0.99	0.09	35	7.6	1.1	0.54	0	CT
3	1.00	0.11	0.52	0.98	0.09	35	7.6	1.0	0.52	0	CT
4	0.96	0.11	0.58	0.95	0.09	35	7.5	1.1	0.56	0	RC
5	0.93	0.11	0.58	0.94	0.10	35	7.5	1.1	0.58	0	RC
6	0.98	0.10	0.55	0.93	0.09	36	7.5	1.1	0.53	0	RC
7	0.92	0.10	0.54	0.98	0.09	35	7.5	1.1	0.51	0	RC
8	0.94	0.10	0.53	0.94	0.09	37	7.5	1.1	0.53	0	RC
9	0.98	0.09	0.55	0.95	0.09	36	7.5	1.1	0.53	0	RC
10	0.98	0.09	0.54	0.98	0.08	36	7.5	1.1	0.54	0	RC
11	1.00	0.10	0.51	0.97	0.08	36	7.5	1.0	0.51	0	CT
12	0.95	0.10	0.54	1.00	0.09	36	7.5	1.1	0.56	0	CT
13	0.98	0.10	0.53	0.95	0.09	37	7.5	1.0	0.54	0	CT
14	1.00	0.09	0.53	0.97	0.09	37	7.7	1.1	0.56	0	RC
15	0.96	0.10	0.51	0.94	0.09	37	7.6	1.1	0.54	0	AM
16	0.98	0.10	0.53	0.96	0.09	37	7.6	1.0	0.56	0	CT
17	0.99	0.10	0.52	0.97	0.10	37	7.6	1.0	0.55	0	CT
18	0.97	0.11	0.56	0.96	0.10	38	7.6	1.1	0.55	0	RC
19	1.00	0.11	0.58	0.96	0.08	38	7.6	1.1	0.57	0	RC
20	1.00	0.11	0.57	0.97	0.07	38	7.5	1.0	0.59	0	RC
21	0.98	0.09	0.54	0.96	0.08	38	7.5	1.1	0.53	0	AM
22	0.99	0.09	0.54	0.95	0.08	38	7.6	1.0	0.51	0	AM
23	0.97	0.10	0.51	0.98	0.09	38	7.6	1.0	0.52	0	KD
24	0.96	0.10	0.50	0.95	0.09	40	7.6	1.0	0.51	0	KD
25	0.98	0.10	0.53	0.96	0.09	39	7.7	1.1	0.54	0	AM
26	0.94	0.10	0.52	0.97	0.08	39	7.6	1.1	0.54	0	AM
27	0.92	0.11	0.50	0.91	0.09	39	7.6	1.1	0.57	0	RC
28	0.94	0.11	0.51	0.90	0.09	39	7.6	1.0	0.50	0	KD
29	1.00	0.10	0.56	0.97	0.09	39	7.6	1.1	0.53	0	KD
30	1.00	0.08	0.54	0.98	0.07	40	7.6	1.1	0.50	0	AM
31	0.99	0.09	0.56	0.97	0.08	40	7.6	1.1	0.53	0	AM
AVG	0.97	0.10	0.54	0.96	0.09	37	7.6	1.1	0.54	0	
MAX	1.00	0.11	0.58	1.00	0.10	40	7.7	1.1	0.59	0	
MIN	0.92	0.08	0.50	0.90	0.07	35	7.5	0.9	0.50	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Mar-15

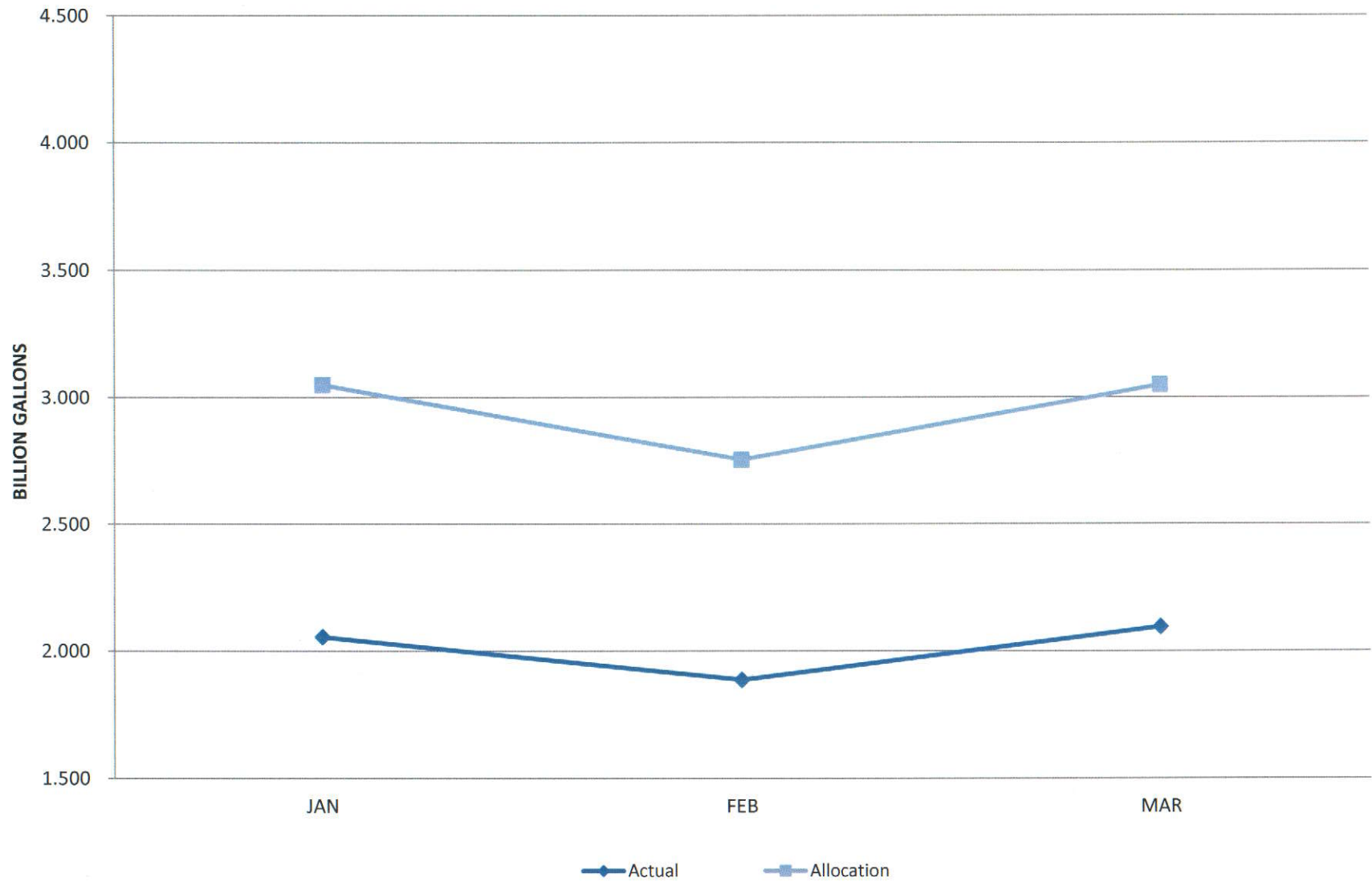
PER DAY AVERAGE 80,304,554

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-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	1,886,038,000	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%	\$5,680,884.32	\$5,293,462.50	978,862	0.05%	98.25%	\$2.73	\$2.507
Feb-12	1,926,054,000	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	2,047,616,673	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	\$7,563,418.75	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%	\$7,033,081.36	\$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	2,035,998,826	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	\$8,392,316.24	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	\$6,268,483.76	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	\$7,025,388.80	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
TOTALS (1)	672,149,115,798	691,021,778,178	97.27%	\$1,096,933,225.18	\$1,025,693,563.24	659,602,344	0.10%	97.36%	\$1.63	\$1.484

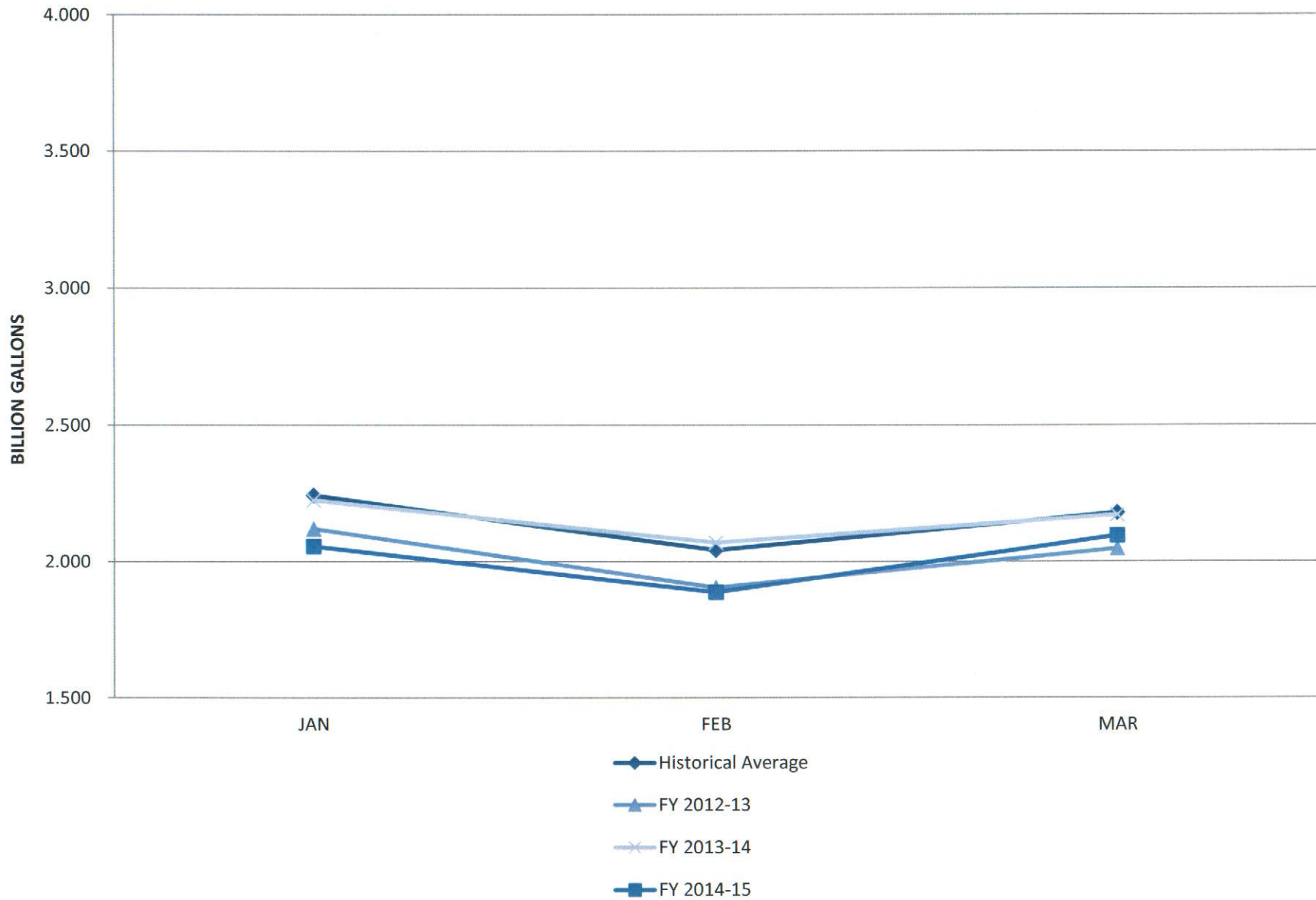
- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD										
Mar-14	25,816,588,000	26,523,427,467	97.34%	89,912,036	79,322,387				\$3.48	\$2.991
Mar-15	23,974,860,000	24,703,015,191	97.05%	99,464,863	85,004,959				\$4.15	\$3.441
	(1,841,928,000)	(1,820,412,276)		\$9,552,826	\$5,682,571					
	-7.1%	-6.9%		10.6%	7.2%					
Month										
Mar-14	2,170,575,000	2,234,019,300	97.16%	8,617,183	7,408,008				\$3.97	\$3.316
Mar-15	2,094,277,000	2,161,266,992	96.90%	9,801,216	8,240,911				\$4.68	\$3.813
	(76,298,000)	(72,752,308)		\$ 1,184,034	\$ 832,903					
	-3.5%	-3.3%		16.0%	9.7%					
Mar>Feb	207,460,000	220,194,146		970,913	839,600					

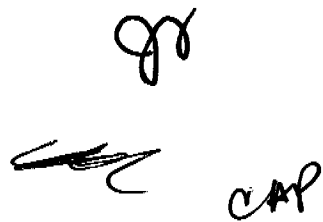
DU PAGE WATER COMMISSION SALES FY 2014-15 VS. ALLOCATION



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



REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline				
ITEM	A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the April 16, 2015, DuPage Water Commission Meeting Resolution No. R-9-15	APPROVAL					
Account Number: 01-60-6631							
<p>The Commission entered into certain agreements dated July 1, 2013 with John Neri Construction Co., Inc. and Rossi Contractors, Inc. for quick response construction work, as needed, through the issuance of Work Authorization Orders. Resolution No. R-9-15 would approve the following Work Authorization Orders under the Quick Response Contracts.</p> <p>Work Authorization Order No. 006 to John Neri Construction Co. This repair work was authorized and work begun prior to board approval and was necessary to commence leak repair work on a 60" diameter prestressed concrete cylinder pipe (PCCP) located at the northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard.</p> <p>The scope and extent of the repair work is unknown at this time and could range in size and scope from a comparatively minimalistic welded joint repair, up to pipe removal and replacement. Furthermore, the work could be expected to result in the partial removal of an existing 84" diameter steel casing pipe and, because the main is located in the ditch line of Butterfield Road, dewatering and repair work may be expected to continue uninterrupted in order to maintain progress of the repair and the site in a workable condition.</p> <p>For cost comparison sakes, staff requested repair estimates based on the assumption that the leak is confined to one pipe joint, and that the repair can be made by welding one joint. The results of those cost comparison estimates are listed in the table below:</p> <table border="1"> <tr> <td>John Neri Construction Co Inc.</td> <td>\$87,650</td> </tr> <tr> <td>Rossi Contractors Inc.</td> <td>\$91,300</td> </tr> </table> <p>Approval of Resolution No. R-9-15 would ratify Work Authorization Order Number 006 for the work necessary to repair the source of a leak on the Commission's 60" diameter PCCP located at the northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard. This estimated cost is based on the assumption of a repair limited to welding one pipe joint. The actual cost for the repair may vary significantly and will depend on the actual scope of the repair needed after water main is exposed.</p>				John Neri Construction Co Inc.	\$87,650	Rossi Contractors Inc.	\$91,300
John Neri Construction Co Inc.	\$87,650						
Rossi Contractors Inc.	\$91,300						
MOTION: To adopt Resolution No. R-9-15.							

DuPAGE WATER COMMISSION

RESOLUTION NO. R-9-15

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-10/13 AT THE
APRIL 16, 2015, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated July 1, 2013, with John Neri Construction Co. and Rossi Contractors, Inc. for quick response construction work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QR-10/13"); and

WHEREAS, Contract QR-10/13 is designed to allow the Commission to direct one or more or all of the quick response contractors to perform quick response construction work, including without limitation construction, alteration, and repair related to the Commission's Waterworks System, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the need for quick response construction work could not have been reasonably foreseen at the time the contracts were signed;

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

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

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

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

AYES:

NAYS:

ABSENT:

ADOPTED this ____ day of _____, 2015.

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-10/13: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-10.006

LOCATION:

Northeast corner of Butterfield Road and Fairfield Avenue in the City of Lombard.

CONTRACTOR:

John Neri Construction Co. Inc.

DESCRIPTION OF WORK:

Provide and maintain traffic and pedestrian controls, excavate and expose Commission facilities, locate and identify the area(s) of pipe in need of repair, remove a portion of an existing 84" diameter steel casing if necessary to access failed pipe joint, dewater the main, repair the failed pipe area(s) by means of welded joint(s), repair band(s), pipe replacement, or by other methods as may be necessary or as directed by the Commission. Install pipe restraints and corrosion control devices as necessary, dispose of unsuitable materials, backfill the excavation with excavated and/or virgin material, restore the area to its existing condition, pipeline disinfection and all other work as necessary or as directed by the Commission.

REASON FOR WORK:

To locate and repair the source of a water leak on a 60" diameter PCCP main at the northeast corner of Butterfield Road and Fairfield Road in the City of Lombard.

MINIMUM RESPONSE TIME:

N/A

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

If warranted for the repair, the Commission will provide one 60" diameter PCCP short and closure section, steel repair bands, and will provide a temporary inflatable plug(s) to assist the Contractor with the control of water at the work site.

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER
 IS IS NOT PRIORITY WORK


SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

N/A

SUBMITTALS REQUESTED: N/A

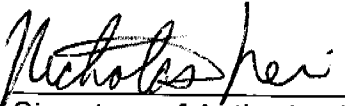
SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS: N/A

DUPAGE WATER COMMISSION

By:  ✓
Signature of Authorized Representative

DATE: 4-3-15 ✓

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:




By: 
Signature of Authorized Representative

Safety Rep: Anthony Neri 630 514-1778
Name and 24-Hr Phone No.

DATE: 4/3/15

DATE: April 9, 2015

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Instrumentation/ Remote Facilities
ITEM	A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-6/12 at the April 16, 2015, DuPage Water Commission Meeting Resolution No. R-10-15	APPROVAL	  

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-10-15 would approve the following Work Authorization Order under the Quick Response Electrical Contracts:

Work Authorization Order No. 019: This Work Authorization is to Divane Bros. Electric Co., to repair PVC conduit for antenna cable that was struck and broken open at surface of driveway exposing antenna cable at meter station 7B/8F in Darien. The PVC conduit is broken right at the driveway surface which leads us to believe it was struck by a snow plow. Commission technician's discovered this during a routine inspection at the meter station. The broken PVC conduit will be replaced with ridged conduit.

Both QRE contractors submitted their estimates for the repair, see table below.

QRE Contractor	Description	Estimate
Divane	Repair according to QRE-6.019 WAO	\$3,250.00
McWilliams	Repair according to QRE-6.019 WAO	\$4,050.00

The total cost for this work is estimated to not exceed \$3,500.00.

MOTION: To adopt Resolution No. R-10-15.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-10-15

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-6/12
AT THE APRIL 16, 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 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

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-6/12: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-6.019

LOCATION:

Meter Station 7B/8F, 2101 75th Street, Darien

CONTRACTOR:

Divane Bros. Electric Co.

DESCRIPTION OF WORK:

Repair conduit for antenna cable: Disconnect cable from antenna and pull back into meter station; Excavate driveway around 2" PVC conduit at base of light pole to couple a ridged 2" conduit to the 2" PVC conduit; Attach ridged conduit to base of light pole; Near top of light pole base use a flexible rubber coupling to reduce the 2" to a smaller size conduit; Maintaining a minimum 2" bend radius, for antenna cable, route conduit to fit under base of light pole; Pull cable back to antenna, attach, and weather proof connector; Restore asphalt driveway.

Note:

- DWC will assist, if needed, in removing/replacing antenna cable N-Type connector.
- DWC will test cable before contractor leaves job site.

REASON FOR WORK:

The 2" PVC conduit was struck and broken open at surface of driveway exposing antenna cable.

MINIMUM RESPONSE TIME:

None

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

If required, new length of 1/2" Helix antenna cable and connectors

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: _____

DATE: April 9, 2015

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering Committee	ORIGINATING DEPARTMENT Facilities Construction						
ITEM A Resolution Awarding a Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation Resolution No. R-11-15	APPROVAL 						
Account Nos.: 01-60-7218 (Reservoir Hatch Replacement) \$137,582.00 01-60-7219 (Effluent Vault and MS Stairs Replacement) \$140,752.00							
<p>On February 12, 2015, the Commission invited sealed bids for the rehabilitation of the DuPage Pumping Station reservoir hatches, vents, stairs and the stairs at Meter Station 19B. The Commission advertised for bids on two separate occasions in the Daily Herald, in addition to posting a notice of the invitation on the Commission's web site, with various plan rooms as well as direct solicitation of area contractors. At the time of bidding a total of ten contractors held bid packages.</p>							
<p>Sealed bids were received until 1:00 p.m., local time, March 25, 2015, at which time all bids were publicly opened and read aloud. The engineer's opinion of probable cost was \$260,000.00, and the following base bids were received:</p>							
<table border="1"> <tr> <td>Continental Construction, Evanston, IL</td> <td>\$239,000</td> </tr> <tr> <td>Manusos General Contracting, Fox Lake, IL</td> <td>\$278,334</td> </tr> <tr> <td>Lifco Construction, Carol Stream, IL</td> <td>\$299,000</td> </tr> </table>		Continental Construction, Evanston, IL	\$239,000	Manusos General Contracting, Fox Lake, IL	\$278,334	Lifco Construction, Carol Stream, IL	\$299,000
Continental Construction, Evanston, IL	\$239,000						
Manusos General Contracting, Fox Lake, IL	\$278,334						
Lifco Construction, Carol Stream, IL	\$299,000						
<p>The bid submitted by the low dollar bidder was unresponsive in several ways. Most significantly, the bidder did not submit a bid security meeting the minimum requirements set forth in the bid specifications. Continental did not submit either a certified check or an actual bid bond, but rather a "personal guarantee" with an attached escrow receipt with a firm not listed in A.M. Best's Insurance Guide or the Illinois Department of Insurance. Because courts have found material bid bond deficiencies to be mandatory causes for rejection, Staff is recommending that the proposal of the low dollar bidder be rejected as unresponsive. In addition to bid security deficiency, Continental's bid did not contain the required surety and insurance commitment letters and was not signed by the proper parties. In addition, the bid indicated that Continental is an Illinois corporation; however, the Illinois Secretary of State database indicates that the corporation status was involuntarily dissolved in 2012.</p>							
<p>The second lowest bid, Manusos General Contracting, contained two minor deficiencies: (a) the prices were filled out only numerically, not in words, and (b) the surety/insurance commitment letter did not precisely match the bid specification requirements. Staff</p>							

Resolution No. R-11-15

believes these variances to be minor and non-material. In addition, a revised surety/insurance commitment letter meeting the requirements has been submitted.

Thus, Resolution No. R-11-15 would award the contract to the lowest "responsive" bidder, Manusos General Contracting Company, Inc., in the bid amount of \$278,334.00.

This project was included in the FY2014/2015 Management Budget, The Capital Improvement Plan, and is being carried over into Fiscal Year 2015/2016.

MOTION: To approve Resolution No. R-11-15.

DUPAGE WATER COMMISSION

RESOLUTION R-11-15

A RESOLUTION AWARDED
A CONTRACT FOR RESERVOIR AND METER STATION 19B CONCRETE AND
MISCELLANEOUS METALS REHABILITATION

WHEREAS, bids for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation were received on March 25, 2015; and

WHEREAS, based upon staff's review of the proposals received, the Board of Commissioners of the DuPage Water Commission has determined that (a) the lowest bid is unresponsive due to material variance from the bid specifications, and (b) the bid of Manusos General Contracting, Inc. is 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 hereby incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission hereby rejects the bid of Continental Construction Company, Inc. and awards the Contract for the Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation to Manusos General Contracting, Inc., in the bid amount of \$278,334.00, 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 Contract that is acceptable to the DuPage Water Commission.

Resolution No. R-11-15

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2015.

Chairman

ATTEST:

Clerk

Board/Resolutions/R-11-15

DATE: April 9, 2015

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering and Construction Committee	ORIGINATING DEPARTMENT Instrumentation / Remote Facilities
ITEM Requisition No. 19817	APPROVAL <i>fwg</i> <i>CRP</i> <i>JR</i>

Account Number: 01-60-6560

Attached is Requisition No. 19817 in the amount of \$25,566.00 to Schneider Electric, the only authorized service provider for the Andover Continuum Security System in the Mid-West area. Schneider Electric formerly ITG was the original integrator for the Commission's security system and last upgraded the Andover security control and video system in 2011. Staff believes it is in the best interest of the Commission to maintain the local branch of Schneider Electric for its security system needs to limit the exposure of our system.

This past winter it was discovered the existing control software has known issues causing operational and reliability issues. The video servers require a software upgrade to support newer cameras and features; the security control workstation requires replacement with new hardware and software. Additional enhancements are also planned with this upgrade which includes: graphic displays enhanced, automatic video capturing of alarm conditions, and clearer alarm messaging.

For these reasons, staff is requesting the normal purchasing procedures of the Commission's By-Laws be suspended.

MOTION: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 19817 in the amount of \$25,566.00 to Schneider Electric.



DuPage Water Commission

600 E. Butterfield Road

Elmhurst, IL 60126

Purchase Requisition

Requisition: 19817 [Upgrade Security System]

Requisition Date: 03/31/2015

Status: ARR [Accounting Review]

For Store: DPS [DuPage Pumping Station]

Originator: 401-0027 [JOHN SCHORI]

DuPage Water / Supplier Part No.

Line	Task	Due date	Quantity	UOM	Units	Unit Price	Total
1		3/31/15	1			\$12,615.00	\$12,615.00 USD
Account:		01-60-6560/2015					
From Supplier:		SCHNEIDER ELECTRIC [Schneider Electric Buildings Americas Inc.]					
:							
2		3/31/15	1			\$9,591.00	\$9,591.00 USD
Account:		01-60-6560/2015					
From Supplier:		SCHNEIDER ELECTRIC [Schneider Electric Buildings Americas Inc.]					
:							
3		3/31/15	1			\$1,120.00	\$1,120.00 USD
Account:		01-60-6560/2015					
From Supplier:		SCHNEIDER ELECTRIC [Schneider Electric Buildings Americas Inc.]					
:							
4		3/31/15	1			\$2,240.00	\$2,240.00 USD
Account:		01-60-6560/2015					
From Supplier:		SCHNEIDER ELECTRIC [Schneider Electric Buildings Americas Inc.]					
:							

Total 25,566.00 USD

Approver:

Date approved:

Requisition Comments: Line 1 Upgrading workstation and software, implementing new graphics and features, upgrading video server software
Single source for Andover Continuum software
Line 2 no safety related comments