



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, AUGUST 18, 2016
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 June 16, 2016 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. **R-20-16:** A Resolution Suspending Purchasing Procedures and Authorizing the General Manager to purchase a 36-month Extended Service Coverage Agreement for the Commission's Emergency Generators (**Patten Power Systems - Estimated Cost of \$50,050.00**)
- V. **R-21-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. - Estimated Cost of \$17,700.00**)
- VI. **R-22-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. - Estimated Cost of \$1,500.00**)
- VII. **R-23-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**Rossi Contractors, Inc. - \$1,900.00**)
- VIII. **R-24-16:** A Resolution Awarding a Contract to Provide Vacuum Excavation and Thermite Welding Services (**Corrpro Companies, Inc. - \$70,795.00**)
- IX. **R-25-16:** A Resolution Awarding a Contract for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station (**Mertes Contracting Corp. - \$286,445.00**)

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

- X. **R-26-16:** A Resolution Suspending the Purchasing Procedures and Authorizing the Execution of a Consulting Agreement for Network Management Services (**IT Savvy – \$6,701.00/per month**)
- XI. **RFBA:** QRE-7.003 Work Authorization Order Change Order (**Windy City Electric Co. for Cost Increase from \$40,000.00 to \$49,337.49**)
- XII. Old Business
- XIII. Other
- XIV. Adjournment

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, JUNE 16, 2016
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

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

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

Committee members absent: D. Loftus

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 April 21, 2016 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Saverino.

All voted aye: Motion passed

Facilities Construction Supervisor Bostick provided an oral summary of the Status of Operations reports dated May 11, 2016 and June 9, 2016:

Facilities Construction Supervisor Bostick reported that the AECOM Condition Assessments of the West Reservoir and the Storm Water Detention Tank were completed and the findings have been submitted for review; once the review is complete, the final document will be assembled and reviewed by Staff to delineate any remedial action that may be necessary.

Regarding the Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 1 (Roselle) and No. 4 East (Lisle Township) with Era-Valdivia Contractors, Inc. Facilities Construction Supervisor Bostick reported the work is ongoing with work at the Roselle site wrapping up in the next several weeks and mobilization to the 75th Street site is underway; The Contract Completion Date is November 4th however the Contractor is optimistic the work will be complete by the end of August.

Facilities Construction Supervisor Bostick reminded the Committee that Staff will be approaching the Contractor to seek a proposal to complete the standpipe rehabilitation program with a contract for the work at Standpipe No. 3 in Naperville. If the Contractor's proposed cost is reasonable, Staff may bring to the Board, for their consideration, a Request for Board Action to suspend the Commission's bidding requirements, and award a contract directly to Era-Valdivia.

Engineering Committee Minutes 06/16/2016

Chairman Zay, General Manager Spatz and Operations Manager McGhee entered the meeting at 6:15 P.M.

Facilities Construction Supervisor Bostick reported the previously approved Quick Response Electric work to install a conduit path for AT&T and Reservoir hatch security system is ongoing.

Facilities Construction Supervisor Bostick reported the Customer Meter Testing Program for FY2015/2016 was completed in April and all meters tested within contractual limits.

Regarding R-18-16, Facilities Construction Supervisor Bostick advised the Committee the resolution is requesting ratification of Quick Response Electric Contract QRE-7/15, Work Authorization Order (WAO) No. 05. WAO No. 05 required the temporary relocation of the Commission's SCADA antenna from the Village of Willowbrook's water tower to a temporary mast while Willowbrook completed their own water tower rehabilitation project.

Regarding R-15-16, Staff is requesting Board authorization to seek proposals to perform hydro-excavating services along with the installation of cathodic protection system test wires under a single contract. General Manager Spatz advised the Committee that the reasoning behind a single contract to perform both tasks relates to the timing of the excavation and the maintenance of the exposed piping in order to weld the leads; if there are delays between tasks, the possibility of excavation collapse exists and the re-excavation would be necessary at an additional cost. Pipeline Supervisor Kazmierczak advised the Committee that there are three firms he's aware of that perform both tasks and he will be seeking out others to submit a proposal.

Regarding R-17-16 Facilities Construction Supervisor Bostick advised the Committee the resolution is requesting approval of Quick Response Contract QR-10/13, Work Authorization Orders Nos. 15 and 16 to install two 60-inch diameter butterfly valves at two separate locations. Facilities Construction Supervisor Bostick reminded the Committee the Commission previously purchased the two valves and performed exploratory excavation at both sites to uncover existing conditions at the sites. Commissioner Furstenau question the use of "Quick Response" contractors when there was no need to respond quickly for this work. Pipeline Supervisor Kazmierczak reminded the Committee that the intent of the Quick Response Contracts was to have pre-qualified contractors ready and able to perform work that Commission Staff was unable to perform themselves. General Manager Spatz advised the Committee that contractors qualified to do this work are few and the Quick Response (QR) Contractors are two of them. General Manager Spatz also reminded the Committee that since the exploratory excavation work was performed, the QR Contractors know exactly what to expect and they both supplied similar quotes which seems to indicate their pricing is fair. General Manager Spatz continued to explain that the quotations provided are estimates and the final costs are determined by actual labor/equipment time and materials spent.

Engineering Committee Minutes 06/16/2016

Regarding R-17-19 Facilities Construction Supervisor Bostick reported that the Commission needed to repair a leaking watermain in Wood Dale and the action would ratify Quick Response Contract QR-10/13, Work Authorization Orders Nos. 14 to complete the repairs.

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

All voted aye: Motion passed

Chairman Zay left the meeting at 6:25 P.M.

Commissioner Furstenau inquired the Committee if any other business or items to be discussed.

Commissioner Scheck inquired as to the likelihood of the City of Waukesha Wisconsin being allowed to tap into Lake Michigan for their potable water supply. Operations Manager McGhee and General Manager Spatz gave a brief synopsis as to the issues Waukesha must overcome in order to achieve their goal.

Chairman Zay re-entered the meeting at 6:30 P.M.

Chairman Zay moved to adjourn the meeting at 6:30 P.M. Motion seconded by Commissioner Scheck.

All voted aye: Motion passed

SP2013/MINUTES/ENGINEERING/2016/ENG160616.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: July 13, 2016

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of June were a total of 2.5 billion gallons. This represents an average day demand of 82.0 million gallons per day (MGD), which is higher than the June 2015 average day demand of 73.0 MGD. The maximum day demand was 93.8 MGD recorded on June 29, 2016, which is higher than the June 2015 maximum day demand of 82.4 MGD. The minimum day flow was 71.2 MGD.

The Commission's recorded total precipitation for the month of June was 2.9 inches compared to 7.1 inches for June 2015. The level of Lake Michigan for June 2016 is 580.2 (Feet IGLD 1985) compared to 579.7 (Feet IGLD 1985) for June 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.

Facilities Construction Overview

Storage System Improvements

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. is ongoing. Exterior coating at Standpipe No. 1 in Roselle is near complete with the installation of the cathodic protection system and reinstallation of the mixer scheduled for mid to late July. The Contractor has mobilized to Standpipe No. 4E in Lisle Township and

is performing selective demolition and welding repairs. The Contract Completion Date is November 4th.

Instrumentation / Remote Facilities Overview

Quick Response Electrical Contract QRE-7/15

Work Authorization Order No. 4 to install a new security system that will monitor the new reservoir hatches is ongoing.

Office 365

Bridgepoint is continuing their work to help the Commission migrate to Microsoft Office 365.

Pipeline Maintenance and Construction Overview

Vacuum Excavation and Thermite Welding Services is out for bids. The bid opening is scheduled for August 8th. An awarding resolution is anticipated to be brought before the Board at the August 18th Commission Meeting. Project completion is scheduled for late September 2016.

Valve replacement work is tentatively scheduled as follows: Butterfield Rd. and Fairfield Ave. site work to commence October 1st and work at the Butterfield Rd. and Marshall Rd. site to commence April 1, 2017. The actual start dates will depend on material delivery, system demand, and IDOT permitting.

Staff has resumed cathodic protection test station installations along several transmission main routes.

Staff has resumed collecting cathodic protection test point data.

Attachments

1. DuPage Laboratory Bench Sheets for June, 2016
2. Water Sales Analysis 01-September-2009 to 30- June -2016

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR JUNE 2016

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	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	1.00	0.10	0.54	0.98	0.09	61	7.5	0.7	0.53	0	CT
2	1.00	0.10	0.55	0.98	0.09	61	7.5	0.8	0.59	0	CT
3	0.96	0.10	0.57	0.99	0.09	60	7.5	0.7	0.57	0	CT
4	0.97	0.10	0.55	0.96	0.10	59	7.4	0.8	0.57	0	RC
5	1.08	0.10	0.52	1.07	0.09	60	7.4	0.7	0.58	0	RC
6	1.10	0.10	0.54	1.00	0.09	61	7.5	0.7	0.58	0	CT
7	0.97	0.09	0.55	1.00	0.09	61	7.5	0.8	0.56	0	CT
8	1.00	0.08	0.54	1.00	0.10	60	7.5	0.8	0.54	0	RC
9	1.00	0.10	0.58	0.98	0.08	64	7.5	0.8	0.58	0	RC
10	0.99	0.10	0.57	1.00	0.08	63	7.4	0.8	0.58	0	RC
11	0.99	0.10	0.56	0.98	0.10	64	7.4	0.8	0.55	0	AM
12	0.98	0.10	0.58	0.98	0.09	64	7.4	0.8	0.56	0	RC
13	0.99	0.09	0.57	0.97	0.09	64	7.4	0.8	0.56	0	KD
14	0.97	0.09	0.54	0.96	0.09	64	7.4	0.7	0.57	0	KD
15	0.98	0.10	0.58	0.97	0.09	65	7.4	0.7	0.52	0	AM
16	0.99	0.10	0.56	0.98	0.09	65	7.4	0.7	0.54	0	AM
17	0.97	0.10	0.59	0.97	0.10	66	7.4	0.7	0.55	0	AM
18	0.97	0.10	0.58	0.96	0.10	66	7.4	0.7	0.56	0	KD
19	0.96	0.09	0.58	0.96	0.10	66	7.4	0.7	0.54	0	CT
20	0.95	0.09	0.56	0.96	0.08	66	7.5	0.7	0.53	0	AM
21	0.95	0.09	0.59	0.94	0.08	68	7.5	0.8	0.55	0	AM
22	0.95	0.10	0.59	0.94	0.09	68	7.5	0.7	0.58	0	KD
23	0.95	0.09	0.58	0.94	0.09	68	7.5	0.7	0.59	0	KD
24	0.94	0.09	0.58	0.93	0.09	68	7.5	0.7	0.58	0	KD
25	0.96	0.09	0.59	0.93	0.09	68	7.5	0.7	0.57	0	AM
26	0.96	0.10	0.58	0.94	0.09	68	7.5	0.8	0.59	0	AM
27	0.96	0.09	0.59	0.95	0.08	69	7.5	0.8	0.58	0	KD
28	0.95	0.10	0.57	0.95	0.10	70	7.5	0.7	0.58	0	KD
29	0.94	0.10	0.59	0.96	0.09	71	7.5	0.8	0.56	0	AM
30	0.94	0.09	0.57	0.96	0.09	71	7.5	0.8	0.57	0	AM
31										0	
AVG	0.98	0.10	0.57	0.97	0.09	65	7.5	0.7	0.56	0	
MAX	1.10	0.10	0.59	1.07	0.10	71	7.5	0.8	0.59	0	
MIN	0.94	0.08	0.52	0.93	0.08	59	7.4	0.7	0.52	0	


Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 30-Jun-16

PER DAY AVERAGE 79,830,941

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-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%	\$6,829,674.80	\$6,912,485.04	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	2,118,238,801	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	2,597,231,804	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%	\$9,816,318.92	\$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	1,941,985,368	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
TOTALS (1)	704,667,718,798	724,516,965,399	97.26%	\$1,254,074,873.93	\$1,153,410,697.85	705,783,925	0.10%	97.36%	\$1.78	\$1.592

- (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										
Jun-15	4,412,174,000	4,549,504,716	96.98%	21,399,044	17,347,261				\$4.85	\$3.813
Jun-16	4,722,567,000	4,868,862,439	97.00%	22,668,322	18,564,210				\$4.80	\$3.813
	310,393,000	319,157,723		\$1,269,278	\$1,216,948					
	7.0%	7.0%		5.9%	7.0%					
Month										
Jun-15	2,196,780,000	2,266,453,659	96.93%	10,654,383	8,641,988				\$4.85	\$3.813
Jun-16	2,454,342,000	2,529,910,244	97.01%	11,780,842	9,646,548				\$4.80	\$3.813
	257,562,000	263,456,585		\$ 1,126,459	\$ 1,004,560					
	11.7%	11.6%		10.6%	11.6%					
June>May	186,117,000	191,158,049		893,362	728,886					



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: August 10, 2016

SUBJECT: Status of Operations

Operations Overview

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The Commission's recorded total precipitation for the month of July was 6.2 inches compared to 2.9 inches for July 2015. The level of Lake Michigan for July 2016 is 580.2 (Feet IGLD 1985) compared to 579.8 (Feet IGLD 1985) for July 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-20-16 appears on the agenda seeking authorization to suspend purchasing procedures and authorize the General Manager to enter into a 36-month Extended Service Coverage agreement with Patten Power Systems for the service of the Commission's emergency generators at an estimated cost of \$50,050.00.

Facilities Construction Overview**Storage System Improvements**

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. is ongoing. Standpipe No. 1 in Roselle is near complete with the installation of the Fall Protection Systems scheduled for late August. The Contractor continues work at Standpipe No. 4E in Lisle Township by performing sand blasting and prime coating operations. The Contract Completion Date is November 4th.

DuPage Pumping Station

R-25-16 appears on the agenda to award a contract for the Masonry Rehabilitation and Window Replacement at the DuPage Pumping Station and other buildings on site. Staff is recommending award to the Mertes Contracting Corp. in the amount of \$286,445.00. This item is an engineer's recommendation stemming from the 2014-2015 Condition Assessment and is included in the approved FY-16/17 Management Budget in the amount of \$600,000.00.

Instrumentation / Remote Facilities Overview**Quick Response Contract QR-10/13**

R-23-16 appears on the agenda to approve Work Authorization Order No. 17 for replacement of a broken gearbox and worm-gear on a 24" butterfly valve at Tank Site 1 Pumping Station. The Commission pre-purchased the replacement gearbox and worm-gear assembly and supplied to Rossi Contractors for installation.

Quick Response Electrical Contract QRE-7/15

Work Authorization Order No. 4, for the installation of a new security system to monitor the reservoir hatches is ongoing.

R-21-16 appears on the agenda to authorize Work Order Authorization No. 6 for the installation of Commission supplied temperature monitoring sensors, various conduits, raceways, cabinets and associated wiring on the roofs of Standpipes Nos. 2 in Roselle and 4W in Lisle Township to monitor water temperature in these standpipes. The sensors will assist Staff in determining the uniformity of mixing inside the standpipes since the installation of the PAX mixers.

R-22-16 appears on the agenda to authorize Work Authorization Order No. 7 to repair a fire damaged Cathodic Protection Rectifier on Naper Blvd. in Naperville.

A Request for Board Action (RFBA) appears on the agenda requesting approval of a Change Order for Work Order Authorization 7.003 to increase the cost from \$40,000.00 to \$49,337.49 due to unforeseeable conditions including: concrete encased conduits; additional hand digging; repairing of a conduit that had not been located, and; additional

labor for manual loading and hauling of 14 tons of excavated materials. The final cost of \$49,337.49 is less than the next lowest original estimate of \$55,280.00.

Office 365

Bridgepoint migrated all Employee and Commissioner email accounts to cloud-based Office 365 from the on-site exchange server. The upgrade to Windows 10 and Office 2016 is ongoing at individual workstations.

Infor EAM

Staff added several custom reports to Infor to support inventory management. These reports are designed to improve accountability in receiving parts and materials by tracking where they are located in stores and bin and by directly expending them to work orders and the equipment underlying them.

Pipeline Maintenance and Construction Overview

Resolution R-24-16 appears on the agenda as a resolution awarding a contract to Corpro Companies Inc. for Vacuum Excavation and Thermite Welding Services per their unit price proposal dated August 5, 2016 initially totaling \$70,795.00.

Transmission system large-diameter valve replacement work is tentatively scheduled as follows: Butterfield Rd. and Fairfield Ave.; October 1st and Butterfield Rd. and Marshall Rd.; April 1, 2017. The actual start dates will depend on material delivery, system demand, and IDOT permitting.

Staff has resumed cathodic protection test station installations along several transmission main routes.

Staff has resumed collecting cathodic protection test point data.

AUGUST 2016 COMMISSION AGENDA ITEMS:

- R-20-16:** A Resolution Suspending Purchasing Procedures and Authorizing the General Manager to purchase a 36-month Extended Service Coverage Agreement for the Commission's Emergency Generators (**Patten Power Systems - Estimated Cost of \$50,050.00**)
- R-21-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. – Estimated Cost of \$17,700.00**)
- R-22-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. – Estimated Cost of \$1,500.00**)

- R-23-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**Rossi Contractors, Inc. – \$1,900.00**)
- R-24-16:** A Resolution Awarding a Contract to Provide Vacuum Excavation and Thermite Welding Services (**Corrpro Companies, Inc. – \$70,795.00**)
- R-25-16:** A Resolution Awarding a Contract for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station (**Mertes Contracting Corp. – \$286,445.00**)
- R-26-16:** A Resolution Approving and Authorizing the Execution of a Consulting Agreement for Network Management Services (**IT Savvy – Cost [TBD]**)
- RFBA:** QRE-7.003 Work Authorization Order Change Order (**Windy City Electric Co. for Cost Increase from \$40,000.00 to \$49,337.49**)

Attachments

1. DuPage Laboratory Bench Sheets for August, 2016
2. Water Sales Analysis 01-September-2009 to 31- July -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 JULY 2016

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	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.83	0.08	0.54	0.88	0.09	71	7.5	0.7	0.55	0	AM
2	0.82	0.09	0.57	0.88	0.09	71	7.5	0.8	0.53	0	AM
3	0.80	0.09	0.55	0.89	0.09	71	7.5	0.8	0.53	0	KD
4	0.82	0.08	0.53	0.89	0.09	69	7.5	0.7	0.56	0	AM
5	0.83	0.09	0.58	0.88	0.09	69	7.5	0.7	0.55	0	AM
6	0.82	0.09	0.53	0.86	0.09	69	7.5	0.7	0.57	0	KD
7	0.84	0.09	0.59	0.85	0.09	70	7.6	0.7	0.56	0	KD
8	0.90	0.09	0.52	0.89	0.10	70	7.5	0.7	0.54	0	KD
9	0.91	0.09	0.59	0.90	0.09	70	7.5	0.7	0.53	0	KD
10	0.99	0.09	0.58	1.00	0.09	69	7.6	0.7	0.59	0	KD
11	0.98	0.08	0.53	1.05	0.10	69	7.6	0.7	0.56	0	RC
12	0.98	0.08	0.55	1.05	0.10	68	7.5	0.8	0.57	0	RC
13	0.97	0.09	0.52	0.96	0.10	68	7.5	0.7	0.57	0	RC
14	0.99	0.08	0.54	0.98	0.09	68	7.4	0.7	0.54	0	CT
15	0.99	0.08	0.57	0.94	0.09	68	7.5	0.8	0.54	0	CT
16	1.00	0.08	0.55	0.92	0.09	68	7.5	0.7	0.56	0	RC
17	0.99	0.08	0.56	0.97	0.09	68	7.5	0.7	0.56	0	RC
18	1.00	0.10	0.55	0.95	0.09	68	7.5	0.7	0.56	0	CT
19	0.98	0.08	0.55	0.93	0.09	68	7.5	0.8	0.55	0	CT
20	0.96	0.09	0.57	0.95	0.09	68	7.6	0.7	0.57	0	RC
21	0.99	0.09	0.59	0.97	0.09	68	7.5	0.7	0.54	0	RC
22	1.01	0.09	0.59	0.96	0.09	68	7.5	0.7	0.57	0	RC
23	0.98	0.08	0.58	0.97	0.10	68	7.5	0.7	0.57	0	CT
24	1.00	0.08	0.58	0.99	0.10	68	7.5	0.7	0.56	0	CT
25	1.08	0.09	0.54	0.99	0.09	68	7.6	0.8	0.52	0	RC
26	1.09	0.09	0.58	1.05	0.10	68	7.5	0.7	0.56	0	RC
27	1.00	0.08	0.55	1.00	0.09	69	7.5	0.7	0.57	0	CT
28	0.97	0.08	0.58	1.00	0.08	69	7.5	0.7	0.58	0	CT
29	0.10	0.08	0.53	1.00	0.09	68	7.5	0.7	0.53	0	CT
30	1.09	0.09	0.56	0.97	0.09	68	7.5	0.8	0.56	0	RC
31	1.10	0.10	0.57	1.04	0.10	68	7.5	0.8	0.57	0	RC
AVG	0.93	0.09	0.56	0.95	0.09	69	7.5	0.7	0.56	0	
MAX	1.10	0.10	0.59	1.06	0.10	71	7.6	0.8	0.59	0	
MIN	0.10	0.08	0.52	0.85	0.08	68	7.4	0.7	0.52	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 31-Jul-16

PER DAY AVERAGE 79,849,771

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	3,089,289,180	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	\$7,025,368.80	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	1,866,817,000	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%	\$11,874,041.80	\$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
TOTALS (1)	707,309,269,798	727,261,647,025	97.26%	\$1,266,754,318.73	\$1,163,876,168.89	706,369,625	0.10%	97.35%	\$1.79	\$1.600

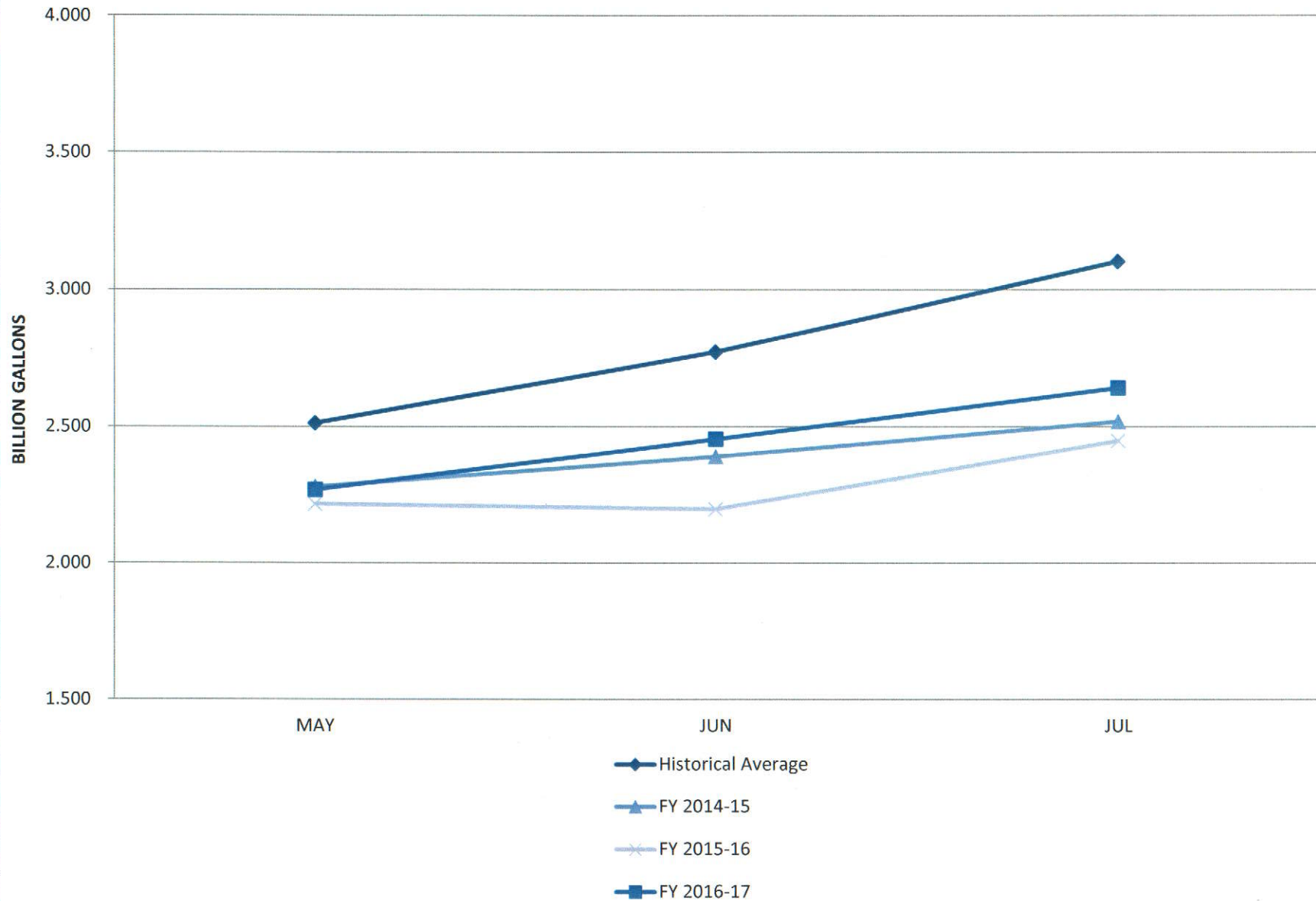
(1) - SINCE MAY 1, 1992

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

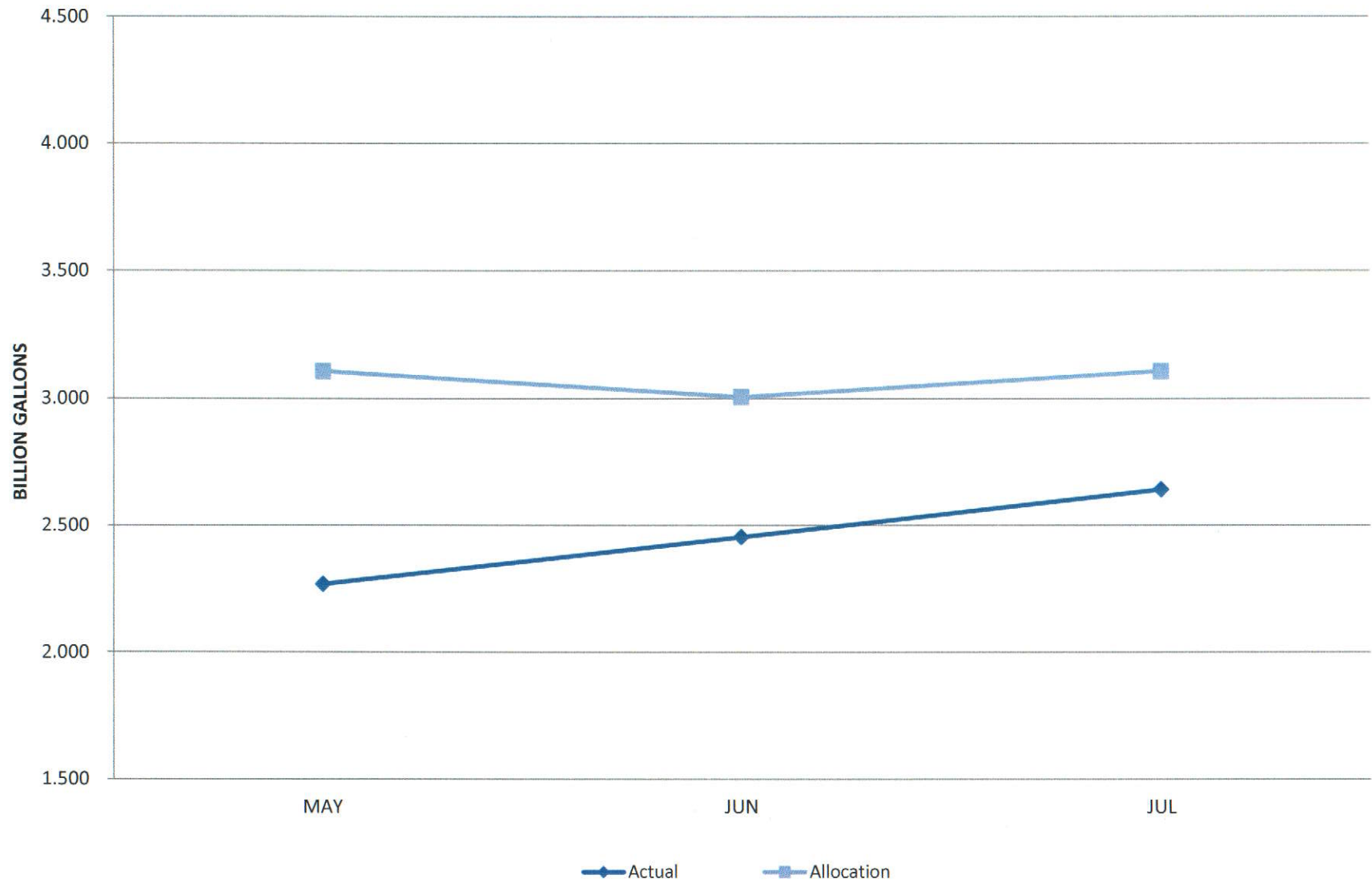
(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD	Jul-15	Jul-16	7.3%	7.7%	6.2%	7.7%		
	6,860,430,000	7,071,531,383	97.01%	33,273,086	26,963,749	\$4.85	\$3.813	
	7,364,118,000	7,613,344,065	96.73%	35,347,766	29,029,681	\$4.80	\$3.813	
	503,688,000	541,812,682		\$2,074,681	\$2,065,932			
Month	Jul-15	2,448,256,000	2,522,026,667	97.07%	11,874,042	9,616,488	\$4.85	\$3.813
	Jul-16	2,641,551,000	2,744,681,626	96.24%	12,679,445	10,465,471	\$4.80	\$3.813
		193,295,000	222,654,959		\$ 805,403	\$ 848,983		
		7.9%	8.8%		6.8%	8.8%		
July>June	187,209,000	214,771,382		898,603	818,923			

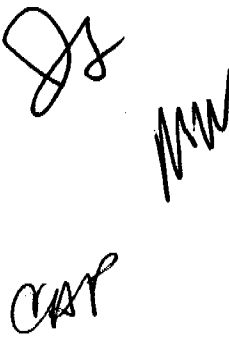
DU PAGE WATER COMMISSION SALES FY 2016-17, 2015-16 & 2014-15 VS. HISTORICAL AVERAGE



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



REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Operations
ITEM	<p>A Resolution Suspending Purchasing Procedures and authorizing the General Manager to purchase a 36-month Extended Service Coverage agreement for the Commission's emergency generators at an estimated cost of \$50,050.00 from Patten Power Systems at the August 18, 2016, DuPage Water Commission Meeting.</p> <p>Resolution No. R-20-16</p>	APPROVAL 	
<p>Account Number: 01-60-662100</p> <p>The Commission entered into an Extended Service Coverage (ESC) agreement beginning April 9, 2012 with Patten Power Systems for five (5) new commercial generator engines used for utility power loss events at the DuPage Pumping Station. This agreement is scheduled to expire on April 8, 2017. The current ESC agreement is a Gold Service Level agreement.</p> <p>Renewing the ESC agreement would provide critical warranty service coverage for an additional 36 months / 2500 hours on all five (5) Commission owned generators. Terms are renewable up to 25 years / 15,000 hours. The ESC provides confidence that warranty repairs will be performed by trained CAT Service Technicians using genuine CAT parts.</p> <p>Staff has been pleased with the work performed by Patten Power Systems and believes that it would be in the Commission's best interest to purchase an additional 36-month ESC agreement at the Platinum Service Level. The Platinum Service Level includes coverage above and beyond the Gold Service Level including but not limited to additional critical components under the: Cooling, Fuel, Lubrication and Electrical Systems.</p> <p>Resolution No. R-20-16 would suspend purchasing procedures and authorize the General Manager to purchase a 36-month Extended Service Coverage agreement for the Commission's emergency generators at an estimated cost of \$50,050.00 from Patten Power Systems. Patten Power Systems is Caterpillar's sole authorized service provider in Northern Illinois and Chicago Metropolitan area.</p> <p>Patten Power Systems provide factory-trained technicians, customer service and support associated with Caterpillar products. Patten Power Systems provided the following services during and post construction of the Commission's PSD 7 Generator Facility Project: supervised generator installation, customer/vender equipment start up, staff training, warranty and product enhancement service. Patten Power Systems currently provides preventive maintenance service and periodic repair and troubleshooting services on the generator system and ancillary equipment as needed.</p>			
<p>MOTION: To approve Resolution No. R-20-16.</p>			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-20-16

A RESOLUTION SUSPENDING PURCHASING PROCEDURES AND AUTHORIZING THE GENERAL MANAGER TO PURCHASE A 36-MONTH EXTENDED SERVICE COVERAGE AGREEMENT FOR THE COMMISSION'S EMERGENCY GENERATORS AT AN ESTIMATED COST OF \$50,050.00 FROM PATTEN POWER SYSTEMS AT THE AUGUST 18, 2016, DuPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission's emergency generator system includes five Caterpillar generators that provide emergency power to operate the Commission's large service pumps during utility power loss events; and

WHEREAS, Patten Power Systems is Caterpillar's sole authorized service provider in Northern Illinois and Chicago Metropolitan area; and

WHEREAS, Patten Power Systems provide factory-trained technicians, customer service and support associated with Caterpillar products; and

WHEREAS, Patten Power Systems provided the Commission the following services during and post construction of the PSD 7 Generator Facility Project: supervised generator installation, vender/customer equipment start up, staff training, warranty and product enhancement service; and

WHEREAS, Warranty services would be used on an as needed basis; and

WHEREAS, the Board of Commissioners of the DuPage Water Commission believes it is in the best interest of the Commission to suspend purchasing procedures and authorize the General Manager to purchase a 36-month Extended Service Coverage agreement for the Commission's emergency generators at an estimated cost of \$50,050.00 from Patten Power Systems;

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

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

SECTION TWO: That the purchasing procedures contained in Article VIII of the Commission By-Laws are hereby suspended as provided by Article XII, Section 3 of the Commission By-Laws, and that the General Manager is here by granted the authority to purchase a 36-month Extended Service Coverage agreement for the Commission's emergency generators at an estimated cost of \$50,050.00 from Patten Power Systems without further act.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2016.

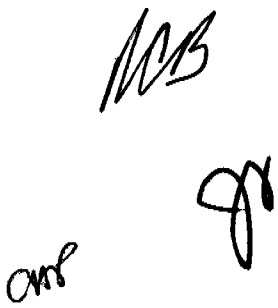
Chairman

ATTEST:

Clerk

DATE: August 11, 2016

REQUEST FOR BOARD ACTION

AGENDA SECTION Engineering & Construction Committee	ORIGINATING DEPARTMENT Facilities Construction/Safety Coordinator
ITEM A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 at the August 18, 2016, DuPage Water Commission Meeting Resolution No. R-21-16	APPROVAL 
<p>Account Numbers: 01-60-770801</p> <p>The Commission entered into certain agreements dated December 29, 2015, with McWilliams Electric Co. Inc. and with Windy City Electric Co. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-21-16 would approve the following Work Authorization Order under the Quick Response Electrical Contracts:</p> <p>Work Authorization Order No. 006: This Work Authorization is to McWilliams Electric Co. Inc., for the installation of Commission supplied temperature monitoring sensors and the Contractor providing and installing various conduits, raceways, cabinets and associated wiring on the roofs of Standpipes Nos. 2 in Roselle and 4W in Lisle Township.</p> <p>With the installation of the PAX mixers and the completion of Standpipe Rehabilitation at these tank sites to help maintain water quality, Staff wishes to have installed five (5) temperature probes, at varying elevations, in each of the two standpipes. The probes will assist Staff in determining the uniformity of mixing inside the standpipes since the installation of the mixers. Staff will be providing ground-level assistance to the Contractor and SCADA system programming services for data gathering and reporting.</p> <p>Windy City Electric Co. elected to not submit a bid due to the lack of competent personnel in the areas regarding the work at extreme heights; up to 170' above ground level. McWilliams on the other hand routinely performs this type of work.</p> <p>The work will be billed at time and material, not-to-exceed \$17,700.00.</p>	
MOTION: To adopt Resolution No. R-21-16.	

DUPAGE WATER COMMISSION

RESOLUTION NO. R-21-16

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-7/15
AT THE AUGUST 18, 2016, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated December 29, 2015, with McWilliams Electric Co. Inc. and with Windy City Electric Co., for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-7/15"); and

WHEREAS, Contract QRE-7/15 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 _____, 2016

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-7/15: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-7.006

LOCATION:

Standpipe No. 2 – Glendale Heights
Standpipe No. 4W – Lisle Township

CONTRACTOR:

McWilliams Electric Co., Inc.

DESCRIPTION OF WORK:

Provide and install low-voltage standpipe temperature monitoring systems at two separate tank sites as per McWilliams proposal dated June 15, 2016.

REASON FOR WORK:

The temperature monitoring systems will assist Staff in determining the uniformity of mixing inside the standpipes since the installation of the mixers.

MINIMUM RESPONSE TIME:

30 days after acceptance.

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

Quantity of 10 pre-purchased temperature probes at varying lengths, probe weights and termination boards.

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:

Drawings of Record are available for inspection should the Contractor wish to review.

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By: _____ Safety Rep: _____
Signature of Authorized Name and 24-Hr Phone No.
Representative

DATE: _____

DATE: August 11, 2016

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-7/15 at the August 18, 2016, DuPage Water Commission Meeting Resolution No. R-22-16	APPROVAL <i>just</i> <i>DR</i> <i>CAP</i>
<p>Account Numbers: 01-60-663300</p> <p>The Commission entered into certain agreements dated December 29, 2015, with McWilliams Electric Co. Inc. and with Windy City Electric Co. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-22-16 would approve the following Work Authorization Order under the Quick Response Electrical Contracts:</p> <p>Work Authorization Order No. 007: This Work Authorization is to McWilliams Electric Co. Inc., and the work completed, prior to board approval and was for the repair of Cathodic Protection Rectifier Site TOB7-2 on Naper Blvd. in Naperville. The equipment at this site sustained fire damage from a protestor's tent. A Police Report was filed with Naperville Police and they have indicated the person that started the fire has been identified and we should be able to be reimbursed for the repair costs.</p> <p>The work will be billed at time and material, the estimated cost is less than \$1,500.</p>	
MOTION: To adopt Resolution No. R-22-16.	

DUPAGE WATER COMMISSION

RESOLUTION NO. R-22-16

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-7/15
AT THE AUGUST 18, 2016, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated December 29, 2015, with McWilliams Electric Co. Inc. and with Windy City Electric Co., for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-7/15"); and

WHEREAS, Contract QRE-7/15 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 _____, 2016

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QRE-7/15: QUICK RESPONSE ELECTRICAL CONTRACT

PROJECT: QRE-7.007

LOCATION:

Cathodic Protection Rectifier Site TOB7-2, East Side of Naper Blvd, South of Ogden Ave, Naperville, (SW corner of Mobil Station)

CONTRACTOR:

McWilliams Electric Co., Inc.

DESCRIPTION OF WORK:

Replace fire damaged Junction Box, 3/4" Liquidtight conduits, and wiring as needed. Test 120/240VAC electrical feed after ComEd installs replacement meter.

REASON FOR WORK:

Protester's tents burned up adjacent to Rectifier Site causing damage.

MINIMUM RESPONSE TIME:

None

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

Junction Box

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY EMERGENCY WORK

SUBMITTALS REQUESTED:

None

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

None

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

Contract drawings available upon request.

DUPAGE WATER COMMISSION

By: _____
Signature of Authorized
Representative

DATE: _____

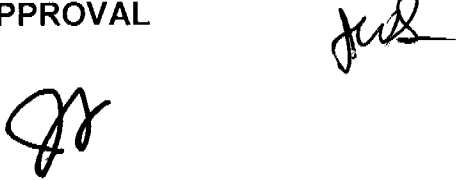
CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By: _____
Signature of Authorized
Representative

Safety Rep: _____
Name and 24-Hr Phone No.

DATE: _____

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Instrumentation/ Remote Facilities								
ITEM	<p>A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the August 18, 2016, DuPage Water Commission Meeting</p> <p>Resolution No. R-23-16</p>	<p>APPROVAL</p> 									
<p>Account Number: 01-60-663300</p> <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-23-16 would approve the following Work Authorization Orders under the Quick Response Contracts.</p> <p>Work Authorization Order No. 017: This Work Authorization is to Rossi Contractors, Inc., and the work completed, prior to board approval and was for replacing a broken gearbox and worm-gear on a 24" Homestead butterfly valve at Tank Site 1 Pumping Station. The Commission purchased the gearbox and worm-gear assembly and supplied it to the contractor. The two Quick Response Contractors were asked to provide an estimate along with a third mechanical contractor, see table below for the estimated costs.</p> <table border="1" data-bbox="185 1283 1032 1434"> <thead> <tr> <th>Contractor</th> <th>Cost Estimate</th> </tr> </thead> <tbody> <tr> <td>John Neri Construction Co.</td> <td>No Response</td> </tr> <tr> <td>Rossi Contractors, Inc.</td> <td>\$1,900.00</td> </tr> <tr> <td>Midwest Valve Services</td> <td>\$5,773.50</td> </tr> </tbody> </table> <p>The work will be billed at time and material, at the estimated cost of \$1,900.00.</p>				Contractor	Cost Estimate	John Neri Construction Co.	No Response	Rossi Contractors, Inc.	\$1,900.00	Midwest Valve Services	\$5,773.50
Contractor	Cost Estimate										
John Neri Construction Co.	No Response										
Rossi Contractors, Inc.	\$1,900.00										
Midwest Valve Services	\$5,773.50										
<p>MOTION: To adopt Resolution No. R-23-16.</p>											

DUPAGE WATER COMMISSION

RESOLUTION NO. R-23-16

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-10/13 AT THE
AUGUST 18, 2016, 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 _____, 2016.

Chairman

ATTEST:

Clerk

Exhibit 1

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-10/13: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-10.017

LOCATION:

Tank Site #1 Pump Station Valve Vault, Central & Monaco, Roselle, IL

CONTRACTOR:

Rossi Contractors Inc.

DESCRIPTION OF WORK:

Replace gearbox and worm-gear on a 24" Homestead butterfly valve. Remove limit switch assembly from broken gearbox and install on new gearbox. Operate valve to adjust mechanical stops and test that limit switches work. Commission staff will be on site to assist with testing of the limit switches.

REASON FOR WORK:

Gearbox and worm-gear broke during operation with a portable electric valve operator.

MINIMUM RESPONSE TIME:

N/A

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

New Homestead gearbox and worm-gear assembly.

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY WORK

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

Owner has designated the Valve Vault as Permit Required Confined Space due to limited means of ingress and egress and not designed for occupancy.

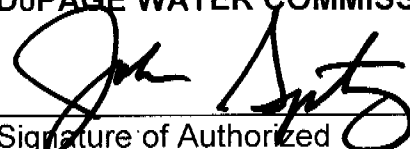
SUBMITTALS REQUESTED:

N/A

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

N/A

DUPAGE WATER COMMISSION

By: 
Signature of Authorized Representative

DATE: 7/28/16

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:


By: 
Signature of Authorized Representative

Safety Rep: Jim Cumber 312-446-6669
Name and 24-Hr Phone No.

DATE: 8-4-16

DATE: August 11, 2016

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline								
ITEM	A Resolution Awarding a Contract for Vacuum Excavation and Thermite Welding Services Resolution No. R-24-16	APPROVAL									
Account No: 01-60-629000											
<p>Ordinance O-1-16, adopted by the Board at the April 21, 2016 Commission meeting, approved a Management Budget for Fiscal Year 2016-2017 which included a budgeted amount for Hydro Excavation Services.</p> <p>At the June 2016 Commission meeting, the Board approved Resolution R-15-16 authorizing advertisement for a project to utilize the combined services of a contractor specializing in Vacuum Excavation and Thermite Welding for the purpose of attaching Cathodic Protection (CP) test station wires to steel and ductile iron watermains.</p> <p>In accordance with Article VIII Section 5 of the Commission's By-Laws, and as required by state statute, the Commission advertised for bids on two separate occasions in the <i>Chicago Tribune</i> and <i>The Daily Herald</i>. In addition, the Commission posted the advertisement on its website and solicited bids by direct invitation. Sealed bids were received until 1:00 p.m., local time, August 8, 2016, at which time all bids were publicly opened and read aloud. Of the eight requests for proposal, four were received and the results of those are listed in the table below.</p> <table border="1"><tr><td>Corrpro Companies Inc.</td><td>\$70,795.00</td></tr><tr><td>Kantex Companies</td><td>\$83,125.00</td></tr><tr><td>Airy's Inc.</td><td>\$324,320.00</td></tr><tr><td>Badger Daylighting</td><td>Non-responsive bid</td></tr></table> <p>The proposal of Badger Daylighting was not submitted on the Contract/Proposal form, contained unit price costs for work considered incidental to the contract, did not contain a total and therefore was determined to be a non-responsive proposal.</p> <p>Based upon review of the remaining three proposals, Staff is recommending approval of Resolution No. R-24-16 awarding a Contract for Vacuum Excavation and Thermite Welding Services to Corrpro Companies Inc. for the unit prices set forth in its Contract/Proposal initially totaling \$70,795.00, subject to receipt of all contractually required documentation.</p>				Corrpro Companies Inc.	\$70,795.00	Kantex Companies	\$83,125.00	Airy's Inc.	\$324,320.00	Badger Daylighting	Non-responsive bid
Corrpro Companies Inc.	\$70,795.00										
Kantex Companies	\$83,125.00										
Airy's Inc.	\$324,320.00										
Badger Daylighting	Non-responsive bid										
MOTION: To adopt Resolution No. R-24-16.											

DUPAGE WATER COMMISSION

RESOLUTION NO. R-24-16

A RESOLUTION AWARDING A CONTRACT FOR VACUUM EXCAVATION AND THERMITE WELDING SERVICES

WHEREAS, pursuant to Article VIII, Section 5 of the Commission's By-Laws, and as required by State statute, the Commission solicited sealed proposals for Vacuum Excavation and Thermite Welding Services; and

WHEREAS, sealed proposals for Vacuum Excavation and Thermite Welding Services were received on August 8, 2016; and

WHEREAS, based upon staff's review of the proposal, the Board of Commissioners of the DuPage Water Commission has determined that the proposal of Corpro Companies 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 Contract for Vacuum Excavation and Thermite Welding Services to Corpro Companies Inc. in accordance with its Contract/Proposal dated (August 5, 2016, a copy of which is attached hereto and incorporated herein as Exhibit "A" 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 Commission's Request for Proposals dated July 11, 2016, a copy of which is attached hereto and incorporated herein as Exhibit "B". The compensation to be paid pursuant to the Contract/Proposal incorporated herein as Exhibit "A" shall be limited to the unit prices quoted therein.

Resolution No. R-24-16

SECTION THREE: The General Manager of the Commission is hereby authorized to execute the Contract/Proposal incorporated herein as Exhibit "A", together with all other relevant contractually required documentation, on behalf of the Commission.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ___ DAY OF _____, 2016

Chairman

ATTEST:

Clerk

Exhibit A

EXHIBIT A

DuPAGE WATER COMMISSION

CONTRACT/PROPOSAL

VACUUM EXCAVATION AND THERMITE WELDING

Full Name of Bidder Corpro Companies Inc ("Bidder")
Principal Office Address 1055 West Smith Rd, Medina OH, 44256
Local Office Address 845 West Hawthorne Ln, West Chicago, Ill. 60185
Contact Person Paul Bostwick Telephone Number 480 322 4928

TO: DuPage Water Commission ("Owner")
600 East Butterfield Road
Elmhurst, Illinois 60126-4642
Attention: John F. Spatz, Jr.
General Manager

Bidder warrants and represents that Bidder has carefully reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. NONE [if none, write "NONE"], which are securely stapled to the end of this Contract/Proposal.

Terms defined in the Request for Proposals shall have the same meanings in all Contract Documents, including this Contract/Proposal, as ascribed to those terms in the Request for Proposals.

1. Work Proposal

A. Contract and Work. Upon the transmission of the Owner's written notification of Acceptance in the form included herein as Attachment E, Bidder proposes, and agrees, that Bidder shall, at its sole cost and expense, provide, perform, and complete, in the manner specified and described, and upon the terms and conditions set forth, in this Contract/Proposal and the remaining Contract Documents, all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials and Supplies. Provide, perform, and complete, in the manner specified and described in this Contract/Proposal, and the remaining Contract Documents, all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary for Vacuum Excavation which shall be defined to be a means of soil extraction where water or an air jet is used to break up soil followed by extraction of these materials through a vacuum device, followed by Thermite Welding which shall be defined as a welding process that uses heated liquid metal and slag resulting from the ignition of a mixture of ferric oxide and aluminum particles.

2. Permits. Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith;

3. Insurance. Procure all insurance specified in this Contract/Proposal;

4. Taxes. Pay all applicable federal, state, and local taxes;

5. Miscellaneous. Do all other things required of Bidder by this Contract/Proposal; and

6. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with highest standards of professional and construction practices, in full compliance with, and as required by or pursuant, to this Contract/Proposal, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged, and first quality equipment, materials, and supplies.

B. Performance Standards. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that all Work shall be fully provided, performed, and completed in accordance with the Specifications attached hereto and by this reference made a part of this Contract/Proposal as Attachment A. No provision of any referenced standard, specification, manual, or code shall change the duties and responsibilities of Owner or Bidder from those set forth in these Contract Documents.

C. Responsibility for Damage or Loss. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be responsible and liable for, and shall promptly and without charge to Owner repair or replace, damage done to, and any loss or injury suffered by, Owner, the Work, or other property or persons as a result of the Work.

D. Inspection/Testing/Rejection. Owner shall have the right to inspect all or any part of the Work and to reject all or any part of the Work that is, in Owner's judgment, defective or damaged or that in any way fails to conform strictly to the requirements of these Contract Documents and Owner, without limiting its other rights or remedies, may require correction or replacement at Bidder's cost, perform or have performed all Work necessary to complete or correct all or any part of the Work that is defective, damaged, or nonconforming and charge Bidder with any excess cost incurred thereby, or cancel all or any part of any order or these Contract Documents. Work so rejected may be returned or held at Bidder's expense and risk.

2. Contract Price Proposal

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below.

A. SCHEDULE OF PRICES

For providing, performing, and completing all Work, the sum of the products resulting from multiplying the actual number of acceptable units of Unit Price Items listed in the Schedule of Prices attached hereto as Attachment D by the Unit Price set forth the Schedule of Prices attached hereto as Attachment D for such Unit Price Item.

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change;
2. Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released;
3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in the Schedule of Prices;
4. The approximate quantities set forth in the Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities and that all claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released; and
5. Any items of Work not specifically listed or referred to in the Schedule of Prices, or not specifically included for payment under any Unit Price Item, shall be deemed incidental to the Contract Price, shall not be measured for payment, and shall not be paid for separately.

C. VALUE OF WORK

It is expressly understood and agreed that the value of the Work shall be determined as follows:

1. The value of Work shall be determined by Owner on the basis of the actual number of Unit Price Items acceptable to the Owner multiplied by the applicable Unit Price set forth in the Schedule of Prices attached hereto as Attachment D.

2. The Contract Price shall be adjusted to reflect the actual number Unit Price Items acceptable to Owner upon final acceptance of the Work by Owner.

D. TIME OF PAYMENT

Owner shall pay to Bidder the value of Work, determined in the manner set forth above. Payment shall be in an amount equal to the sum of the number of acceptable units delivered multiplied by the per unit price and shall be made within sixty (60) days of the acceptance of the units.

3. Contract Time Proposal

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall commence the Work within 10 days following Owner's acceptance of this Contract/Proposal (the "Commencement Date"). If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall perform the Work diligently and continuously and shall complete the Work not later than 30 calendar days following the Commencement Date.

4. Financial Assurance

A. Insurance. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder will procure and maintain such insurance as will cover and include the entire obligation assumed by Bidder under the Contract Documents, as well as public liability insurance, including contractual liability, contractors liability and protective liability, automobile liability insurance, including non-owned automobile liability, and Workmen's Compensation and employer's liability insurance as will adequately protect Owner, the Work, and other property and persons against all damages, liability claims, losses and expenses (including attorney's fees) which may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof.

The Owner, its officials, agents, employees and volunteers are to be covered as additional insured as respects: liability arising out of the Bidder's Work, including activities performed by or on behalf of the Bidder; products and completed operations of the Bidder; premises owned, leased or used by the Bidder; or automobiles owned, leased, hired or borrowed by the Bidder. The Bidder's insurance coverage shall be primary and non-contributory as respects the Owner, its officials, agents, employees and volunteers. Prior to commencing the Work, Bidder shall furnish the Owner with certificates of insurance naming the Owner, its officials, employees, agents and volunteers as additional insureds, and with original endorsements affecting coverage required by this Section.

B. Indemnification. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall indemnify, save harmless, and defend Owner against all damages, liability, claims, losses, and expenses (including attorneys' fees) that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof, or any failure to meet the representations and warranties set forth in Section 6 of this Contract/Proposal.

C. Performance and Payment Bond. If this Contract/Proposal is accepted, Bidder shall with 10 days, but prior to the commencement of the Work, post with and for the benefit of the Owner a performance and payment bond on forms reasonably acceptable to the Owner in the penal sum of \$100,000.

D. Penalties. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof.

5. Firm Proposal

All prices and other terms stated in this Contract/Proposal are firm and shall not be subject to withdrawal, escalation, or change provided Owner accepts this Contract/Proposal within 60 days after the date this sealed Contract/Proposal is opened.

6. Bidder's Representations and Warranties

In order to induce Owner to accept this Contract/Proposal, Bidder hereby represents and warrants as follows:

A. The Work. The Work, and all of its components, shall be of merchantable quality; shall be free from any latent or patent defects and flaws in workmanship, materials, and design; shall strictly conform to the requirements of this Contract/Proposal and these Contract Documents, including, without limitation, the performance standards set forth in Section 1B of this Contract/Proposal; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Proposal and these Contract Documents and the warranties expressed herein shall be in addition to any other warranties expressed or implied by law, which are hereby reserved unto Owner. Bidder shall, promptly and without charge, correct any failure to fulfill the above warranty at any time within two years after final payment or such longer period as may be prescribed in the performance standards set forth in Section 1B of this Contract/Proposal, the Contract Documents or by law. The above warranty shall be extended automatically to cover all repaired and replacement parts and labor provided or performed under such warranty and Bidder's obligation to correct Work shall be extended for a period of two years from the date of such repair or replacement. The time period established in this Section 6A relates only to the specific obligation of Bidder to correct Work and shall not be construed to establish a period of limitation with respect to other obligations that Bidder has under this Contract/Proposal and the Contract Documents.

B. Compliance with Laws. The Work, and all of its components, shall be provided, performed, and completed in compliance with, and Bidder agrees to be bound by, all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time; any statutes requiring preference to laborers of specified classes; the Illinois Steel Products Procurement Act, 30 ILCS 565/1 *et seq.*; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification; and any statutes regarding safety or the performance of the Work.

This Contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* ("the Act"). The Act requires contractors

and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Department publishes the prevailing wage rates on its website at <http://labor.illinois.gov/>. The Department revises the prevailing wage rates and the Bidder has an obligation to check the Department's website for revisions to prevailing wage rates. For more information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website. All contractors and subcontractors rendering services under this Contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

C. Not Barred. Bidder is not barred by law from contracting with Owner or with any other unit of state or local government for any reason, including without limitation as a result of (i) a violation of either Section 33E-3 or Section 33E-4 of Article 33 of the Criminal Code of 1961, 720 ILCS 5/33E-1 *et seq.*; or (ii) a violation of the USA Patriot Act of 2001, 107 Public Law 56 (October 26, 2001) (the "Patriot Act") or other statutes, orders, rules, and regulations of the United States government and its various executive departments, agencies and offices related to the subject matter of the Patriot Act, including, but not limited to, Executive Order 13224 effective September 24, 2001. Bidder is not acting, directly or indirectly, for or on behalf of any person, group, entity or nation named by the United States Treasury Department as a Specially Designated National and Blocked Person, or for or on behalf of any person, group, entity or nation designated in Presidential Executive Order 13224 as a person who commits, threatens to commit, or supports terrorism; and Bidder is not engaged in this transaction directly or indirectly on behalf of, or facilitating this transaction directly or indirectly on behalf of, any such person, group, entity or nation.

D. Qualified. Bidder has the requisite experience, ability, capital, facilities, plant, organization, and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above.

In submitting this Contract/Proposal, Bidder acknowledges and agrees that:

7. Acknowledgments

A. Reliance. Owner is relying on all warranties, representations, and statements made by Bidder in this Contract/Proposal and related Contract Documents.

B. Reservation of Rights. Owner reserves the right to reject any and all proposals, reserves the right to reject the low price proposal, and reserves such other rights as are set forth in the Instructions to Bidders.

C. Acceptance. If this Contract/Proposal is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Proposal and the remaining Contract Documents including those terms contained in Owner's written notification of Acceptance attached hereto as Attachment E.

D. Remedies. In the event of a breach or violation of any term or condition of this Contract/Proposal or any of the other Contract Documents, Owner shall have recourse through any

remedy available at law or in equity and all such remedies shall be cumulative.

E. No Waiver. No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, whether before or after Owner's acceptance of this Contract/Proposal; nor any information or data supplied by Owner, whether before or after Owner's acceptance of this Contract/Proposal; nor any order by Owner for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the Work by Owner; nor any extension of time granted by Owner; nor any delay by Owner in exercising any right under this Contract/Proposal or other Contract Document; nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Work, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Bidder; or of any requirement or provision of this Contract/Proposal or other Contract Document; or of any remedy, power, or right of Owner.

F. Severability. The provisions of this Contract/Proposal together with the other Contract Documents shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract/Proposal together with the other Contract Documents shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract/Proposal or other Contract Documents shall be in any way affected thereby.

G. Amendments. No modification, addition, deletion, revision, alteration, or other change to this Contract/Proposal or other Contract Documents shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Bidder.

H. Assignment. Neither this Contract/Proposal or other Contract Documents, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Bidder except upon the prior written consent of Owner.

I. Governing Law. This Contract/Proposal and other Contract Documents and the rights of the parties under this Contract/Proposal and other Contract Documents shall be interpreted according to the internal laws, but not the conflict of law rules, of the State of Illinois. Every provision of law required by law to be inserted into this Contract/Proposal or other Contract Documents shall be deemed to be inserted herein.

DATED this 5th day of August 20106

Attachment A

SPECIFICATIONS

If the Contract/Proposal is accepted, Bidder proposes, and agrees, that all Work shall be fully provided, performed, and completed in accordance with the following specifications:

1. Scope of Work

- A. The DuPage Water Commission (the Commission) maintains approximately 200 miles of water distribution mains located within DuPage and Cook Counties Illinois. The distribution mains are constructed of Steel Cylinder Pipe, Pre-Cast Concrete Pressure Pipe, and Ductile Iron Pipe and range in size from 16 to 90 inches in diameter. The Commission wishes to utilize Vacuum Excavating and Thermite Welding to install cathodic protection test leads on Steel Cylinder Pipe at certain locations within its distribution system depicted on Attachment B. The exact locations of the Work will be field located by Commission personnel at the locations generally described in Attachment C. The depths of the excavations will vary and may range from a minimum of 5 ft. to a maximum of 20ft in depth and will extend through various types of soil.

2. Performance of The Work

- A. No work shall be performed without the presence of a Commission representative.
- B. The Contractor will be responsible for determining the locations of all underground utilities and shall comply with the Illinois Underground Utility Facilities Damage Prevention Act. The Contractor shall contact the State-Of Illinois One-Call Notice System, commonly referred to as J.U.L.I.E. by telephoning 811 or 1-800-892-0123 at least 48 hours prior to excavation. This work shall not be paid for separately but shall be considered as incidental to the contract.
- C. The Contractor shall vacuum excavate and visually confirm the location of Commission steel pipes. The pipes protective coating shall be removed approximately 6" in diameter to expose the steel cylinder onto which 2--#10 solid THHN wires shall be Thermite Welded to the steel main. The wires shall be brought to the surface and terminated 12 foot above grade. The exposed steel shall be immediately protected by applying 3M Scotchkote Liquid Epoxy Coating 323, or an approved equal meeting the requirements of AWWA C210, to the manufactures recommended thickness. The entire excavated area shall be backfilled using clean, dry, coarse aggregate CA-6, and shall be placed immediately after the protective coat has been applied. No excavations shall be allowed to remain open overnight.

3. Safety

- A. Bidder is required to independently assess the potentially hazardous conditions at the Work Site and take the necessary precautions to ensure a safe workplace pursuant to the Contract/Proposal and Bidder's legal obligations. Bidder must ensure that all personnel observe all appropriate safety precautions when working at the Work Site.
- B. Neither the Owner, nor any official or employee of the Owner, nor any authorized assistant or agent of any of them, shall be responsible for the adequacy of the Contractor's safety measures in, on, or near the Work site or sites. The Owner shall not provide design or construction review relating to the Contractor's safety precautions required for the Contractor to perform the Work.
- C. Neither the Owner, nor any official or employee of the Owner, nor any authorized assistant or agent of any of them, shall be responsible for conditions at the Work site or sites, nor for the safety of persons or property, during the performance of the Work.

4. Method of Measurement

- A. The number of units paid for under Pay Item Number 1. Vacuum Excavation—Straight Time, and Pay Item Number 2. Vacuum Excavation—Overtime, when previously authorized in writing by the Commission, shall be for the time engaged in on-site mobilization and demobilization and in the direct performance of Vacuum Excavation—Thermite Welding work. Portal to portal travel to and from the Contractor's base of operation, travel between work sites, travel to and from offsite disposal sites, travel to and from offsite water sources, providing traffic control and protection, if required at the work site by the permitting authority, shall be deemed incidental to the Contract Price, shall not be measured for payment, and shall not be paid for separately. The Contractor shall not perform, nor be compensated for, overtime work unless such overtime work has been previously authorized by the Commission in writing. For the purpose of this proposal, overtime work shall be defined as time worked in excess of a normal eight (8) hour day Monday through Friday, Saturdays and Sundays.
- B. The number of units paid for under Pay Item Number 3, CA-6 Backfill, shall be paid for by the ton and shall include furnishing, delivering, and placement of CA-6 Backfill in the excavation to the existing surface grade.

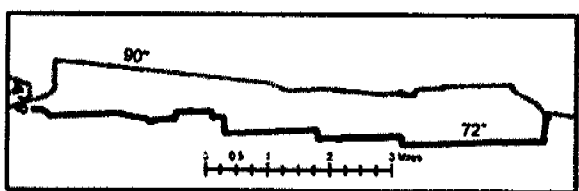
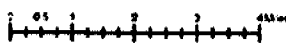
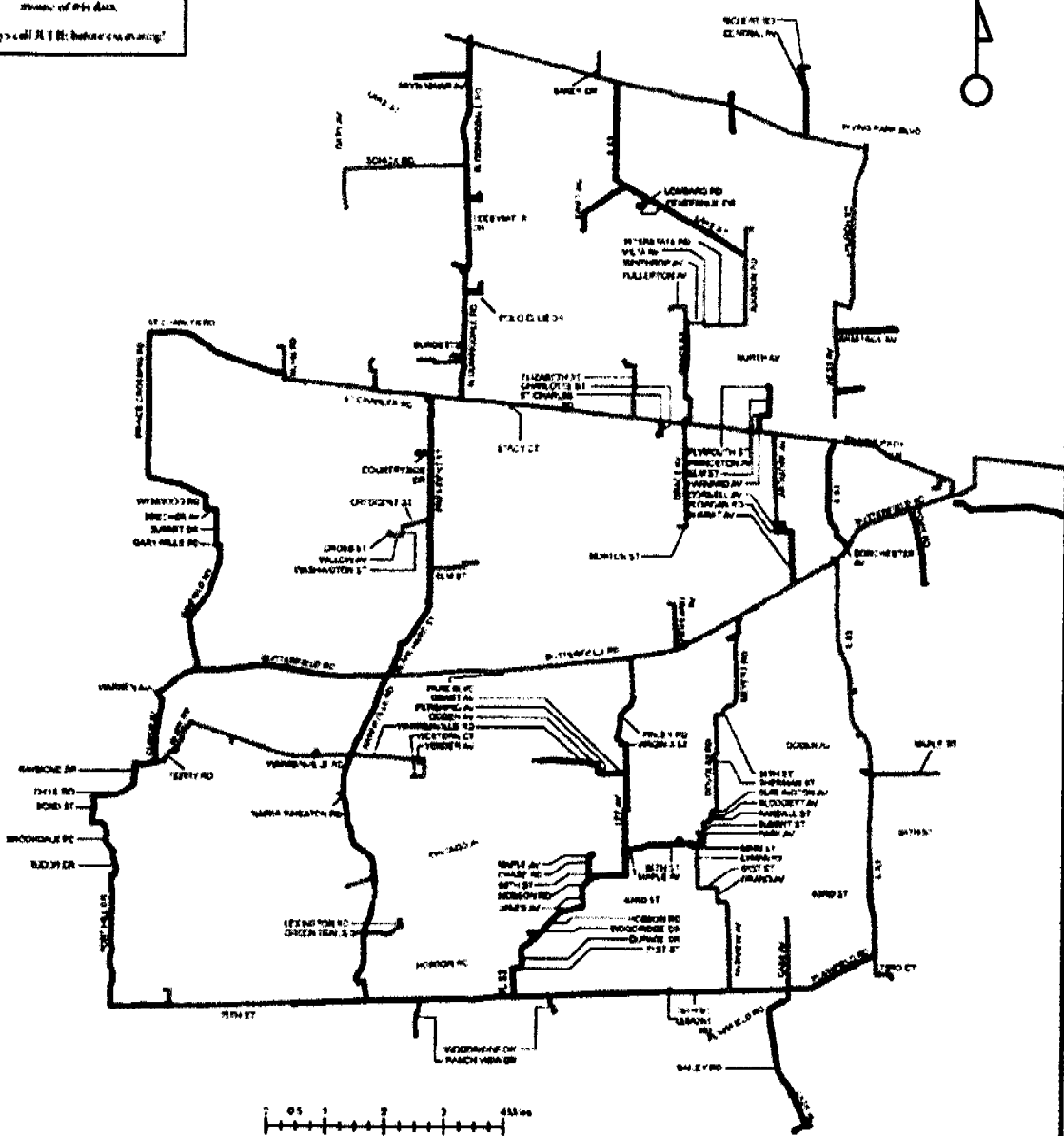
5. Publicity

- A. Owner's name or insignia, photographs of the Work, or any other publicity pertaining to the Work shall not be used in any magazine, trade paper, newspaper, or other medium without the express written consent of Owner.

Attachment B

Drawn for reference purposes only.
The Design Water Commission is
not responsible for any use of
information of this data.

Always call R.T.B. before excavating!



Attachment C

Site #	Plan Set	Location	Village	Location	Material
1	TS-3/88(35)	NW Corner of Plainfield Rd and 75th St	Darien	Approximate Station # 463+50	Steel
2	TS-3/88(35)	North 75th St Parkway 75' East of Darien Ln	Darien	Approximate Station # 454+00	Steel
3	TS-3/88(34)	NE Corner of 75th St and Cass Ave	Darien	Approximate Station # 445+30	Steel
4	TS-3/88(22)	North 75th St Parkway 600' West of Devereux Rd	Woodridge	Approximate Station # 298+00	Steel
5	TS-3/88(21)	North 75th St Parkway 100' West of SB I-355 Entrance Ramp	Woodridge	Approximate Station # 278+00	Steel
6	TS-3/88 (12)	North 75th St Parkway 800' West of Green Rd	Woodridge	Approximate Station # 160+00	Steel
7	TS-3/88 (10)	NE Corner of 75th St and Palamino Dr	Naperville	Approximate Station # 130+00	Steel
8	TS-3/88 (9)	North 75th St Parkway 600' West of Palamino Dr	Naperville	Approximate Station # 124+00	Steel
9	TS-3/88 (8)	North 75th St Parkway 400' East of College Rd	Naperville	Approximate Station # 107+00	Steel
10	TS-3/88 (6)	North 75th St Parkway 1300' West of Wherli Rd	Naperville	Approximate Station # 75+60	Steel
11	TS-3/88 (5)	NW Corner of 75th St and Naper Blvd	Naperville	Approximate Station # 57+30	Steel
12	TS-3/88 (3)	North 75th St parkway 400' East of Oxford Ln	Naperville	Approximate Station # 37+90	Steel
13	TS-3/88 (2)	North 75th St parkway 400' East of Washington St	Naperville	Approximate Station # 24+85	Steel
14	TOB E-87 (1B)	South Hobson Rd Parkway 350' East Naper Blvd.	Naperville	Approximate Station # 21+00	Steel
15	TOB E-87 (4)	SE Corner of Naper Blvd. and Rockbridge Dr	Naperville	Approximate Station # 45+00	Steel
16	TOB E-87 (8)	East Naper Blvd Parkway 200' S of Abbywood Dr	Naperville	Approximate Station # 45+00	Steel
17	TOB E-87 (22B)	NW Corner of Roselle Rd and Park Ave	Roselle	Approximate Station # 61+25	DI
18	TOB E-87 (22C)	West Roselle Rd Parkway 800' N of Park Ave	Roselle	Approximate Station # 69+00	DI
19	TOB E-87 (24)	East Roselle Rd Parkway 350' S of Irving Park Rd.	Roselle	Approximate Station # 149+03	DI
20	FN -0289 (1)	South Lake St parkway 500' W of Addison Rd	Addison	Approximate Station # 5+00	DI
21	FN-0289 (2)	South Lake St parkway 250' W of John F Kennedy Dr	Addison	Approximate Station # 20+00	DI
22	FSW (58)	West York Rd parkway 500 S of Harvard St	Elmhurst	Approximate Station # 22+00	DI
23	FSW (48)	SE Corner of Meyers and Butterfield Rd(s)	Oak Brook	Approximate Station # 0+00	DI
24	FSW (48)	East Meyers Rd 500' S of Butterfield Rd	Oak Brook	Approximate Station # 5+00	DI
25	FSW (48)	East Meyers Rd 900' S of Butterfield Rd	Oak Brook	Approximate Station # 9+00	DI

26	FSW (49)	East Meyers Rd 1400' S of Butterfield Rd	Oak Brook	Approximate Station # 14+00	DI
27	TSW-98 (3)	East Raymond Dr Parkway 700' N of Diehl	Naperville	Approximate Station # 36+00	Steel
28	TOB (18)	SE Corner of Naperville & Deihl Rd(s)	Naperville	Approximate Station # 210+00	DI
29	FN (22)	SE Corner of Swift Rd and ComEd ROW	Addison	Approximate Station # 43+50	DI

Attachment D

SCHEDULE OF PRICES

If the Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall take in full payment for all Work and other matters set forth under Section 1 of the Contract/Proposal, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below.

For providing, performing, and completing all Work, the sum of the products resulting from multiplying the actual number of acceptable units of Unit Price Items listed below delivered to Owner by the Unit Price set forth below for such Unit Price Item:

Item No.	Description	Unit	A	B	C
			Cost Per Unit	Estimated Number of Units	(AxB) Extension
1	Vacuum Excavation—Thermite Welding Straight Time	Hour	365. ⁰⁰	160	58,400. ⁰⁰
2	Vacuum Excavation—Thermite Welding Overtime	Hour	433. ⁰⁰	15	6,495. ⁰⁰
3	CA-6 Backfill	Ton	29.50	200	5,900. ⁰⁰


TOTAL OF COLUMNS C ITEMS 1-3 seventy thousand seven ninety five Dollars and zero Cents
 (in writing) (in writing)

70,795 Dollars and 00 Cents
 (in figures) (in figures)

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

- All prices stated in this Schedule of Prices are firm and shall not be subject to escalation or change;
- Owner is not subject to state or local sales, use, and excise taxes, that no such taxes are included in this Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released;
- All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in this Schedule of Prices;
- The approximate quantities set forth in this Schedule of Prices for each Unit Price Item are Owner's estimate only, that Owner reserves the right to increase or decrease such quantities, that payment for each Unit Price Item shall be made only on the actual number of acceptable units of such Unit Price Item delivered to Owner in full compliance with the Contract/Proposal, and that all claim or right to dispute or complain of any such estimated quantity, or to assert that there was any misunderstanding in regard to the nature or amount of any Unit Price Item to be provided or performed, is hereby waived and released; and
- Any items of Work not specifically listed or referred to in this Schedule of Prices, or not specifically included for payment under any Unit Price Item, shall be deemed incidental to the Contract Price, shall not be measured for payment, and shall not be paid for separately.

Signature of Bidder or Authorized Agent: 

Printed Name: Paul Bostwick

Title/Position: Operations Manager

Attachment E

ACCEPTANCE

The Contract/Proposal attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of the DuPage Water Commission ("Owner") this _____ day of _____, 2016

This Acceptance, together with the Contract/Proposal attached hereto, constitutes the entire and only agreement between the parties relating to the accomplishment of the Work and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgement, invoice, or other standard form used by the parties in the performance of the Contract/Proposal. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by Owner without further notice of objection and shall be of no effect nor in any circumstances binding upon Owner unless accepted by Owner in a written document plainly labeled "Amendment to Contract/Proposal." Acceptance or rejection by Owner of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

DuPAGE WATER COMMISSION

By: _____
John F. Spatz, Jr.
General Manager

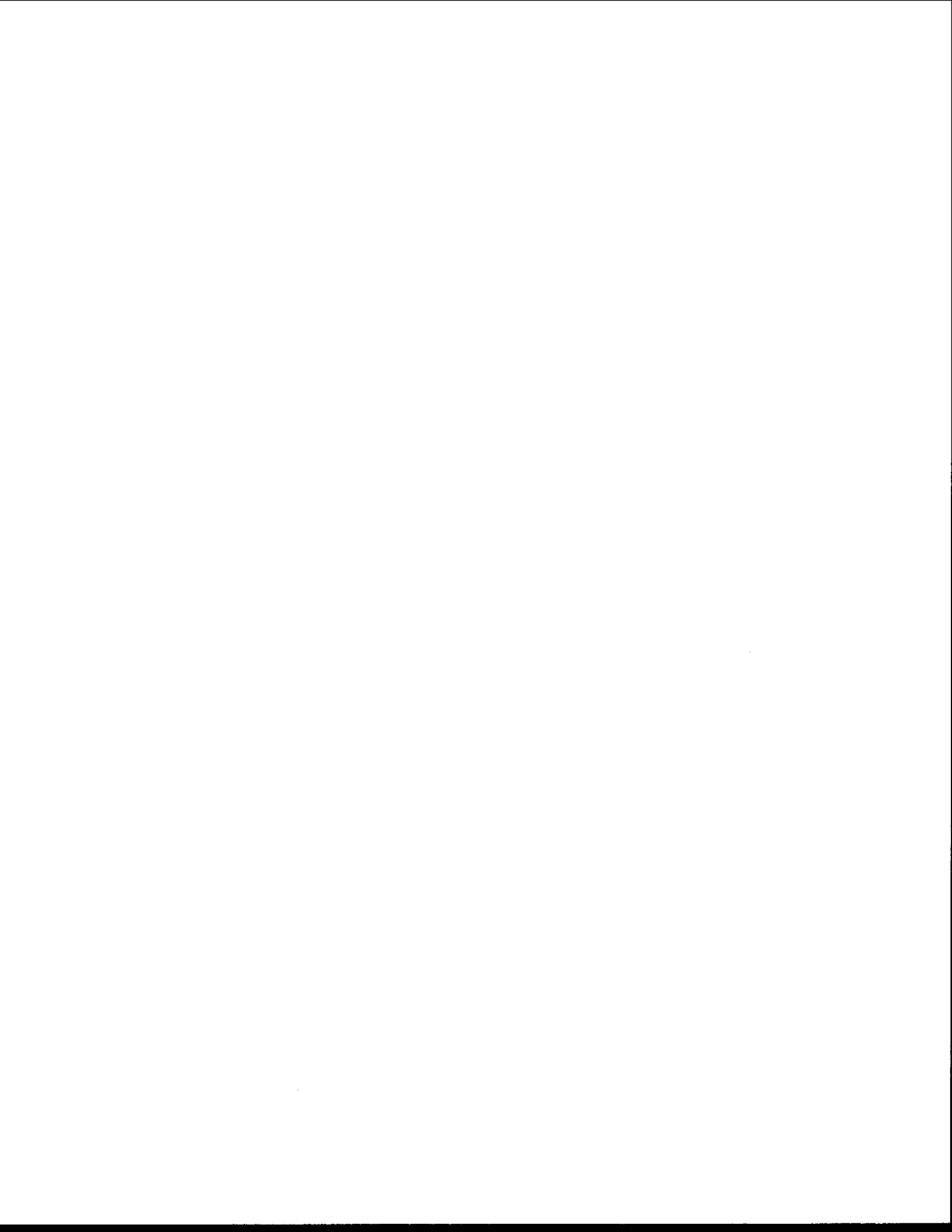


Exhibit B

DuPAGE WATER COMMISSION

REQUEST FOR PROPOSALS

OWNER:

DuPage Water Commission
600 East Butterfield Road
Elmhurst, Illinois 60126-4642

Owner will receive sealed proposals for the Work generally described as follows:

VACUUM EXCAVATION AND THERMITE WELDING

TO BE SUBMITTED TO DuPage Water Commission, 600 East Butterfield Road, Elmhurst, Illinois 60126-4642, Attention John F. Spatz, Jr., General Manager, BEFORE 1:00 P.M., August 8, 2016.

INSTRUCTIONS TO BIDDERS

Preparation of Proposals

The "Contract Documents" shall be deemed to include this Request for Proposals and the "Contract/Proposal" attached hereto and incorporated herein as Exhibit "A" together with Attachments A through E attached thereto and incorporated therein. The "Work" shall be for "Vacuum Excavation and Thermite Welding" which shall be defined as a means of soil extraction where water or an air jet is used to break up soil followed by extraction of these materials through a vacuum device, followed by Thermite Welding which shall be defined as a welding process that uses heated liquid metal and slag resulting from the ignition of a mixture of ferric oxide and aluminum particles.

All proposals for the Work shall be made only on the blank Contract/Proposal form attached to this Request for Proposals, and shall be complete with a price for each and every item named in the Schedule of Prices attached to the Contract/Proposal form as Attachment D. All proposals shall be dated on page 4 of the Contract/Proposal form and shall be signed by an authorized official, including page 5 of the Contract/Proposal form and the Schedule of Prices attached to the Contract/Proposal form as Attachment D. Proposals that contain omissions, erasures, alterations, or additions not called for, conditional or alternate bids unless called for, or that contain irregularities of any kind may be rejected.

Clarifications

Owner reserves the right to make clarifications, corrections, or changes in this Request for Proposals at any time prior to the time proposals are opened. All bidders or prospective bidders will be informed of said clarifications, corrections, or changes. If any prospective bidder has questions about this Request for Proposals, contact Ed Kazmierczak, Pipeline Supervisor, at 630-834-0100 between the hours of 7:00 AM and 3:30 PM.

Delivery of Proposals

Each proposal shall be submitted in a sealed envelope plainly marked with the title of the contract and bidder's full legal name and shall be addressed and delivered to the place and before the time set forth above. Proposals may be delivered by mail or in person. Proposals received after the time specified above will be returned unopened.

Opening of Proposals

Proposals will be publicly opened and read at the time and place specified above. Bidders, their authorized agents, and interested parties are invited to be present.

Withdrawal of Proposals

No proposal shall be withdrawn for a period of 60 days after the opening of any proposal.

Rejection of Proposals

Proposals that are not submitted on the Contract/Proposal form or that are not prepared in accordance with these Instructions to Bidders may be rejected. If not rejected, Owner may demand correction of any deficiency and accept the deficiently prepared proposal upon compliance with these Instructions to Bidders.

Acceptance of Proposals

Proposals are being solicited pursuant to, and will be acted upon, in accordance with Article VIII, Section 5 of the Owner's By-Laws. Proposals submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the bidders.

Owner reserves the right to accept the proposal that is, in its judgment, the best and most favorable to the interests of Owner and to the public; to reject the low price proposal; to accept any item of any proposal; to reject any and all proposals; and to waive irregularities and informalities in any proposal submitted or in the request for proposal process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Bidders should not rely upon, or anticipate, such waivers in submitting their proposal.

Owner shall notify the successful Bidders of the acceptance of its proposal by the transmission of the Acceptance in the form attached to the Contract/Proposal as Attachment E. Upon the transmission of the Acceptance by the Owner, the Contract Documents shall become the contract for the Work.

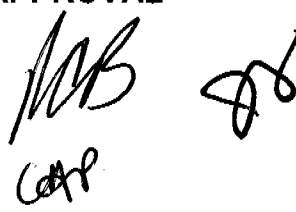
DATED this 11th day of July 2016.

DuPAGE WATER COMMISSION

By: /s/ John F. Spatz, Jr.
General Manager

DATE: August 11, 2016

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering Committee	ORIGINATING DEPARTMENT	Facilities Construction																
ITEM	A Resolution Awarding a Contract for Masonry Rehabilitation and Window Replacement Work at the DuPage Pumping Station Resolution No. R-25-16	APPROVAL 																	
Account No.: 01-60-771600																			
<p>On June 30, 2016, the Commission invited sealed bids for the rehabilitation of masonry and replacement of windows for the DuPage Pumping Station. The Commission advertised for bids 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 nineteen (19) contractors held bid packages.</p> <p>Sealed bids were received until 1:00 p.m., local time, August 3, 2016, at which time all bids were publicly opened and read aloud. The following bids were received:</p>																			
<table border="1"><tr><td>Mertes Contracting Corp., Broadview IL</td><td>\$286,445.00</td></tr><tr><td>Manusos General Contracting, Inc., Fox Lake IL</td><td>\$368,000.00</td></tr><tr><td>D Kersey Construction Co., Northbrook IL</td><td>\$371,390.00</td></tr><tr><td>Chicago Commercial Construction, Chicago IL</td><td>\$385,779.92</td></tr><tr><td>Friedler Construction Co., Chicago IL</td><td>\$474,600.00</td></tr><tr><td>CMM Group, Inc., Lansing IL</td><td>\$476,400.00</td></tr><tr><td>Berglund Construction Co., Chicago IL</td><td>\$489,000.00</td></tr><tr><td>Soumar Masonry Restoration, Inc., Elmhurst IL</td><td>\$793,700.00</td></tr></table>		Mertes Contracting Corp., Broadview IL	\$286,445.00	Manusos General Contracting, Inc., Fox Lake IL	\$368,000.00	D Kersey Construction Co., Northbrook IL	\$371,390.00	Chicago Commercial Construction, Chicago IL	\$385,779.92	Friedler Construction Co., Chicago IL	\$474,600.00	CMM Group, Inc., Lansing IL	\$476,400.00	Berglund Construction Co., Chicago IL	\$489,000.00	Soumar Masonry Restoration, Inc., Elmhurst IL	\$793,700.00		
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Berglund Construction Co., Chicago IL	\$489,000.00																		
Soumar Masonry Restoration, Inc., Elmhurst IL	\$793,700.00																		
<p>Thus, Resolution No. R-25-16 would award the contract to the lowest responsive bidder, Mertes Contracting Corp., in the bid amount of \$286,445.00.</p> <p>This project is being undertaken as a direct Engineer's recommendation in the 2014/2015 Condition Assessment and was included in the FY-16/17 Management Budget as a Capital Improvement Project.</p>																			
MOTION: To approve Resolution No. R-25-16.																			

DuPAGE WATER COMMISSION

RESOLUTION R-25-16

A RESOLUTION AWARDING A
CONTRACT FOR MASONRY REHABILITATION AND
WINDOW REPLACEMENT WORK

WHEREAS, bids for Masonry Rehabilitation and Window Replacement Work were received on August 3, 2016; and

WHEREAS, based upon staff's review of the proposals received, the Board of Commissioners of the DuPage Water Commission has determined the bid of Mertes Contracting Corp. 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 awards the Contract for the Masonry Rehabilitation and Window Replacement Work to Mertes Contracting Corp., in the bid amount of \$286,445.00, 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-25-16

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS _____ DAY OF _____, 2016.

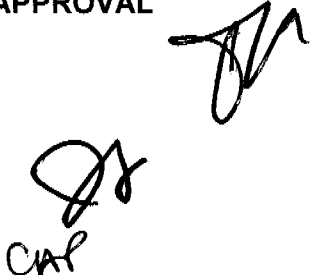
Chairman

ATTEST:

Clerk

Board/Resolutions/R-25-16

REQUEST FOR BOARD ACTION

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Operations/Admin
ITEM	A Resolution Suspending the Purchasing Procedures and Authorizing the Execution of a Consulting Agreement with IT Savvy, LLC for Network Management Services. Resolution No. R-26-16	APPROVAL 	

Account Number: 01-60-628000

Resolution No. R-26-16 would approve a Consulting and Network Management Service Agreement with IT Savvy LLC. for Information Technology (IT) consulting services in connection with the Commission Servers, Firewall, Switches, SAN Back-up System, Cloud Storage & Computing, Wireless Network, and other IT projects that may arise.

The Commission relies heavily on technology to operate in the most efficient manner while minimizing staffing. Throughout the years the Commission Information technology needs have grown to a level that has surpassed its current resources. In place of adding specialized IT staff the Commission has decided to engage the services of a IT Consulting firm to provide both remote monitoring and on-call service to allow the Commission to continue operating at the highest level of efficiency.

Due to the sensitive nature of the Commission's IT systems, cyber and critical infrastructure security, the Commission decided to defer from advertise for bids, and in-place invited four local IT Consulting firms to provide quotes for IT Consulting Services.

Firm	Monthly Service	Initial Fee	On-call Services
IT Savvy LLC.	\$6,701.00	\$9,360.00	\$175.00 / Hr
Tympani Inc.	\$6,950.00	\$20,000.00	\$190.00 / Hr
Agility Network Services Inc.	\$9,000.00	\$3,000	\$150.00 / Hr
SWC	No Responsive Bid		

Based on the quotes received it is Staff's recommendation that the Commission enter into a Consulting Agreement with IT Savvy LLC.

MOTION: To approve Resolution No. R-26-16.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-26-16

A RESOLUTION SUSPENDING THE PURCHASING PROCEDURES
AND AUTHORIZING THE EXECUTION OF
A CONSULTING AGREEMENT WITH IT SAVVY, LLC.
FOR CONSULTING SERVICES

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

WHEREAS, the Commission desires to obtain monthly management services and from time to time additional IT project work , and IT Savvy, LLC, an Illinois limited Liability Corporation ("Consultant"), desires to provide monthly IT management services and from time to time additional IT project work in connection with the Commission's information technology systems; and

WHEREAS, for ease of administration, the Commission and Consultant desire to enter into a consulting agreement setting forth the terms and conditions pursuant to which the Commission will obtain monthly management services and from time to time additional IT project work, and Consultant will provide monthly management services and from time to time additional IT project work to be approved by the Commission and Consultant; and

WHEREAS, the Commission further desires to obtain under the consulting agreement, and Consultant further desire to provide under the consulting agreement, consulting services in connection with information technology systems;

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

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

SECTION TWO: A Consulting Agreement between the DuPage Water Commission and IT Savvy, LLC. for Consulting Services, in substantially the form attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1, with such modifications as may be required or approved by the General Manager of the Commission, shall be and it hereby is approved. The General Manager shall be and hereby is authorized and directed to execute the Consulting agreement in substantially the form attached hereto as Exhibit 1 with such modifications as may be required or approved by the General Manager; provided, however, that the Consulting Agreement shall not be so executed on behalf of the Commission unless and until the General Manager shall have been presented with copies of the Consulting Agreement by IT Savvy, LLC.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ____ DAY OF _____, 2016.

Chairman

ATTEST:

Clerk

EXHIBIT 1



IT PRODUCTS TECHNOLOGY SOLUTIONS PEACE OF MIND

ITsavvy LLC
 313 South Rohlwing Road
 Addison, IL 60101
 www.ITsavvy.com

Quote Details	
Quote #:	2867750
Date:	08/10/2016
Payment Method:	Net 30 Days
Client PO#:	
Shipping Method:	Ground

Bill To:
 DuPage Water Commission
 Accounts Payable
 600 East Butterfield Road
 Elmhurst, IL 60126
 United States
 630-516-1918

Ship To:
 DuPage Water Commission
 Mike Hughes
 600 E Butterfield Rd
 Elmhurst, IL 60126-4642
 United States
 630-516-1918

Client Contact:
 Michael Hughes
 (P) 630-834-0100
 hughes@dpwc.org

Client Executive:
 Jim Mundall
 (P) 630.396.6311
 (F) 630.396.6322
 jmundall@ITsavvy.com

Description: savvyGuard Managed Services - Budgetary Estimate

Item Description	Part #	Tax	Qty	Unit Price	Total
1 savvyGuard NOC Act Remote Monitor/Manage Desktop	NOC-ACT-DT	N	50	\$10.00	\$500.00
2 savvyGuard NOC Act Remote Monitor/Manage Virtual Windows Server	NOC-ACT-SVR	N	20	\$149.00	\$2,980.00
3 savvyGuard NOC Act Remote Monitor/Manage Physical Windows Server	NOC-ACT-SVR	N	2	\$149.00	\$298.00
4 savvyGuard NOC Act Remote/Manage Virtual Host	NOC-ACT-VHOST	N	3	\$149.00	\$447.00
5 savvyGuard NOC Act Remote Monitor/Manage Closet Based Firewall	NOC-ACT-FW	N	1	\$99.00	\$99.00
6 savvyGuard NOC Act Remote Monitor/Manage Closet Based Switch	NOC-ACT-SW	N	5	\$79.00	\$395.00
7 savvyGuard NOC Act Remote Monitor/Manage Closet Based Router	NOC-ACT-RTR	N	2	\$99.00	\$198.00
8 savvyGuard NOC Act Remote Monitor/Manage Storage Area Network	NOC-ACT-SAN	N	4	\$399.00	\$1,596.00
9 savvyGuard NOC Act Remote Monitor/Manage Network Attached Storage	NOC-ACT-NAS	N	1	\$99.00	\$99.00
10 savvyGuard NOC Act Remote Monitor/Manage Backup Application - Up to 5 Targets	NOC-ACT-BU	N	1	\$89.00	\$89.00
Monthly Recurring Fee					\$6,701.00
11 Engineering NOC Onboarding	ASG-ES-ENG	N	1	\$7,800.00	\$7,800.00
12 Engineering Sr. Systems Engineer Note: Active Directory & File System Cleanup	ASG-ES-ENG	N	1	\$1,560.00	\$1,560.00
Subtotal					\$9,360.00

Notes From Your Client Executive

Pricing is for budgetary purposes only and is subject to change based upon a detailed network assessment and final device count.

ITsavvy is always looking to deliver the lowest cost possible to our clients. This results in fluctuating prices that you will find are lower more often than not. However, prices are subject to increases without notice in the event of a manufacturer or distributor price increase. Available inventory is subject to change without notice. This document is a quotation only and is not an order or offer to sell.

We do accept credit cards for payment. However, if the credit card is provided after the order has been invoiced there will be a charge of 3% of the total purchase.

Unless specifically listed above, these prices do NOT include applicable taxes, insurance, shipping, delivery, setup fees, or any cables or cabling services or material.

All non-reoccurring services are 50% due upon signing of contract, 40% due upon delivery of equipment, balance due upon install.

ITsavvy's General Terms and Conditions of Sale, which can be found at www.ITsavvy.com/termsandconditions, shall apply to and are incorporated into all agreements with Client, including all Orders.



4. Investment

Monthly Services Investment

The quote below includes management and equipment monitoring and a One Time Setup Fee. A detailed quote is provided on the following page.

The breakdown of supportable devices is as follows:

- 50 Windows Desktops
- 2 Physical Windows Servers
- 20 Virtual Windows Servers
- 3 Virtual Host Servers
- 1 Firewall
- 5 Switches
- 2 Routers
- 4 Storage Area Networks
- 1 Network Attached Storage Device
- 1 Data Backup Solution

\$6,701.00 Total Monthly Managed Services Charge

\$7,800.00 One Time Setup Fee

\$1,560.00 Active Directory Cleanup

\$ 9,360.00 Total One Time Charge



Acceptance of Investment

Pricing has been agreed to by the following representatives.

ITsavvy Signature

Date

Client Signature

Date



ITsavvy

PROPOSAL

savvyGuard® - ITsavvy's Managed Services Solution

5. savvyGuard Service Agreement

1. **CANCELLATION:** At any time before implementation or services are begun Client may cancel this Contract by giving written notice thereof to the Service Provider, which notice must be sent by Certified or Registered mail to Service Provider's address set forth above and which notice shall be effective upon its receipt by Service Provider; however, upon cancellation Client agrees to pay to the Service Provider an amount equal to one (1) month of the total Contract Price as liquidated damages, to compensate Service Provider for loss of profits, commissions, commissions to salesman, clerical expenses and any other expenses incidental thereto and/or incurred by Service Provider. Should Service Provider commence installation then Client shall no longer have the privilege of cancellation and shall be bound by the terms of this contract.

2. **MAINTENANCE:** Client will provide Service Provider remote access capability to their voice and/or data systems covered under an ITsavvy Managed Service Agreement. The Client authorized remote access will be used by Service Provider solely to provide the initial remote diagnostic support prior to dispatching of a technician or engineer to the Client's location.

Client's failure to provide remote access to Service Provider prior to dispatch of a technician or engineer in response to a Managed Service Agreement request will result in a billable Service Charge for all onsite visits; notwithstanding the service or maintenance request would have been normally covered under a valid Warranty, Service or Maintenance Agreement.

3. **DEFAULT:** In the event Client shall fail to pay any sum hereunder when due, Client's account is on 'Account Hold' or in arrears on any other account with Service Provider, then, in addition to all other remedies available to Service Provider at law or in equity, and not in limitation thereof, Service Provider may cease providing service until paid in full and then at its option terminate this agreement, retaining all sums theretofore paid hereunder as liquidated damages. Client shall remain liable for any deficiency. Client agrees that if collection of any monies due and owing under this Contract is placed with an attorney or collections agency, the Client will pay all fees and expenses, in addition to any court, attorney's or miscellaneous costs, incurred in connection therewith.

4. **INSURANCE:** All risk of loss or damage to the Equipment or the premises as a result of fire, theft, water, malicious mischief or other casualty, shall be borne by Client. Client agrees to maintain in full force and effect all necessary insurance, including fire and extended coverage insurance for the insurable value of the Equipment. Service Provider shall perform the work hereunder as an independent contractor, and shall have the exclusive control of the manner and means of performing the work.

5. **SUSPENSION OF OBLIGATIONS OF Service Provider:** The obligations of Service Provider hereunder shall be conditioned upon and shall be suspended to the extent and for the period of time that it is hindered or prevented from complying therewith because of labor disturbances, including strikes and lockouts, acts of God, fires, storms, water, unreasonable delays in transportation, governmental action, and any other similar or dissimilar cause beyond Service Provider's control.

6. **BINDING AGREEMENT:** The parties mutually understand and agree that the last act to bind the parties to this agreement shall be the execution and acceptance by ITsavvy.



7. ARBITRATION: The parties hereto mutually understand and agree that in the event that there is any dispute arising out of the execution, performance, completion or failure to complete this agreement or the work hereunder then Client's sole and exclusive remedy shall be by way of arbitration by filing with the American Arbitration Association, to be held in the County of Suffolk, State of New York and the law of the state of New York shall control both the substantive and procedural interpretations governing the execution, construction and performance of the agreement. However, Service Provider shall also have the right to commence an action against Client in the State and Federal Courts sitting in Nassau or Suffolk Counties, New York, and Client hereby consents to jurisdiction in said courts.

8. ENTIRE AGREEMENT:

This agreement supersedes all negotiations and constitutes the entire agreement between ITsavvy and Client with respect to the Services covered by this agreement. No representation or statement not expressed herein shall be binding upon Service Provider, and this agreement may be changed or amended only by an instrument in writing signed by both parties.

9. NON-SOLICITATION: Each party, its affiliates, subsidiaries and representatives agree, for a period of three (3) years, not to directly, or indirectly solicit for employment or employ any person who is now employed or retained by the other party or any affiliate without the prior written consent of the respective party.

10. BACK-UP FEES: If off site back up data storage is being leveraged through ITsavvy and the Client's data store volume at the end of the month exceeds the initial contracted base data store volume, Client will be charged an additional monthly charge of \$2.49 per GIG for each additional GIG of data stored.

11. RESPONSIBILITY OF MAINTAINING AND SUPPORTING SOFTWARE: Client legacy and purchased software or custom applications purchased from manufacturers or third party vendors other than ITsavvy is the responsibility of Client. Software and applications purchased from ITsavvy will be supported and maintained by ITsavvy. Licensing and software assurance renewals on Client owned software will be at the sole cost and responsibility of the Client.

12. COPYRIGHT: This document contains confidential and proprietary information of ITsavvy and is protected by Copyright laws. Unauthorized use, duplication, disclosure or modification of this document in whole or in part without the written consent of ITsavvy is strictly prohibited. By providing this document, ITsavvy is not making any representations regarding the correctness or completeness of its contents and reserves the right to alter this document at any time without notice. Because of the inherent complex nature of computer and network software, ITsavvy makes no warranties, either expressed or implied regarding software interoperability between its communications system (Products Sold) and client's software or hardware, whether sold by ITsavvy or existing on client's network. This includes but is not limited to CTI, Citrix, Blackberry, Unified Communications, Fax over IP and Voice over IP. ITsavvy will make best efforts to resolve client network issues. You agree we have the right to use your logo or reference your company name when using any/all-marketing materials. All Rights reserved.



6. Appendices

savvyGuard Client Testimonials

"When I have an IT problem, it means someone in my company can't work, and I'm losing money. ITsavvy makes my problems a priority. ITsavvy understands my needs and has been a long standing partner"

IT Manager, Wine Manufacturing Company

"Knowing that you are on the end of the phone makes my job a lot easier. Having I.T. support and assistance with ITsavvy gives me not just one person, but a whole technical department without the cost. The advice you have given to us on new equipment, servers and technology to help make our office run smoothly has always been exemplary."

IT Director, Healthcare Company

"ITsavvy addresses all our needs for hardware purchasing, installation, and support. They've gone above and beyond with help desk support, and they maintain engagement—taking on special projects and making informed recommendations."

Chief Operating Office & Vice-President, Entertainment Company

savvyGuard Client References

Available by request.



savvy

IT PRODUCTS
TECHNOLOGY SOLUTIONS
PEACE OF MIND[®]

LOCATIONS

Corporate Headquarters

313 South Rohlwing Road
Addison, IL 60101
Main 630.396.6300
Fax 630.396.6322

Chicago Office

30 West Monroe Street
Suite 1400
Chicago, IL 60603

Iowa

249 Research Parkway
Suite 230
Davenport, IA 52806

California

1255 Treat Boulevard
Suite 300
Walnut Creek, CA 94597

Ohio

70 Birch Alley
Suite 240 Building B
Beavercreek, OH 45440

Long Island

90 Adams Avenue
Hauppauge, NY 11788
Main: 1-800-871-3663

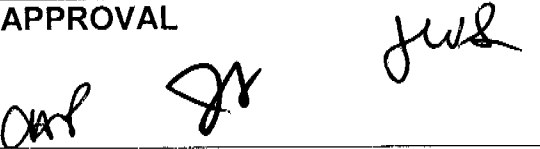
New York

469 Seventh Ave
New York, NY 10018

Miami

8300 NW 53rd Street
Suite 350-018
Doral, FL 33166

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Instrumentation / Remote Facilities
ITEM	QRE-7.003 Work Authorization Order Change Order to Windy City Electric Co. for Cost Increase	APPROVAL 	
Account Number: 01-60-663300			
<p>The Commission entered into certain agreements dated December 29, 2015, with McWilliams Electric Co. Inc. and with Windy City Electric Co. for quick response electrical work as needed through the issuance of Work Authorization Orders.</p>			
<p>Work Authorization Order No. 003 was approved under Resolution R-11-16 at the April 21, 2016 DuPage Water Commission Meeting. The Work Authorization was issued to Windy City Electric Co. The work consisted of two parts: Part A was to re-route buried conduits around a buried manhole vault, so the frame and lid could be raised to ground level. Part B was to install a new conduit path for fiber from AT&T's hand hole into the pump stations equipment room.</p>			
<p>There were unforeseen conditions that were not figured into the original estimate that exceeded the approved amount on Resolution R-11-16 by \$9,337.49. The security conduits in Part A that were re-routed were encased in concrete that had to be exposed, in addition the overall conduit path was longer than expected causing additional cost in wire. During Part B there was excessive manual labor required: a) Hand digging much of the trench for the 4" conduit that the mini excavator could not be used for, because of large rock, debris, and concrete encased conduits. b) Manually loading 28,000 pounds of yard waste to be hauled away for proper disposal. c) A security conduit that was not located was damaged and had to be repaired by pulling out the wires, repairing the conduit and pulling back and terminating the wires.</p>			
<p>Staff has reviewed the invoice and all supporting documentation for accuracy. The terms of the contract provides paying the actual costs plus the bid percentage markup on labor, parts, and equipment. The final cost of \$49,337.49 is less than McWilliams original estimate of \$55,280.00.</p>			
<p>Approval of this Change Order would increase the approved cost of \$40,000.00 to \$49,337.49.</p>			
<p>MOTION: To authorize an increase in cost from \$40,000.00 to \$49,337.49 for QRE-7.003 Work Authorization Order previously approved on Resolution R-11-16.</p>			

CHANGE ORDER

THE DU PAGE WATER COMMISSION

SHEET 1 OF 2

PROJECT NAME: QRE-7.003 WAO

CHANGE ORDER NO. 1

LOCATION: DuPage Pumping Station Top of Reservoir

CONTRACTOR: Windy City Electric Co.

DATE: August 10, 2016

I. A. DESCRIPTION OF CHANGES INVOLVED:

Increase the approved total cost on Resolution R-11-16 of \$40,000.00 to \$49,337.49.

B. REASON FOR CHANGE:

There were unforeseen conditions that were not figured into the original estimate. The security conduits in Part A that were re-routed were encased in concrete and had to be exposed and the conduit path was also longer than expected causing additional cost in wire. During Part B there was excessive manual labor required: a) Hand digging much of the trench for the 4" conduit that the mini excavator could not be used for, because of large rock, debris, and concrete encased conduits. b) Manually loading 28,000 pounds of yard waste to be hauled away for proper disposal. c) A security conduit that was not located was damaged and had to be repaired by pulling out the wires, repairing the conduit and pulling back and terminating the wires.

C. REVISION IN PRICE:

Increase of \$9,337.49

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)	\$	40,000.00
2.	Addition to WAO Due To This Change Order	\$	9,337.49
3.	Amount of WAO Including This Change Order	\$	49,337.49

ACCEPTED: CONTRACTOR: McWilliams Electric Co., Inc.

BY: _____ (_____)
Signature of Authorized Representative Date

DU PAGE WATER COMMISSION:

BY: _____ (_____)
John Spatz Date
General Manager