



# DuPage Water Commission

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

## AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, JUNE 16, 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 April 21, 2016 Engineering & Construction Committee Meeting of the DuPage Water Commission.**

- III. Report of Status of Construction/Operations
- IV. **R-15-16:** A Resolution Directing Advertisement for Bids to Provide Vacuum Excavation and Thermite Welding Services (**No Cost Component**)
- V. **R-17-18:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**WAO No. 15 to Rossi Contractors, Inc. in the amount of \$ \$275,000.00 and WAO No. 16 to John Neri Construction Co., Inc. in the amount of \$305,700.00**)
- VI. **R-18-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 (**WAO No. 5 to McWilliams Electric Co., Inc. – Estimated Not-To-Exceed \$2,000.00**)
- VII. **R-19-16:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**WAO No. 14 to John Neri Construction Co., Inc. – Estimated between \$50,000.00 and \$60,000.00**)
- VIII. Old Business
- IX. Other
- X. Adjournment

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

**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DuPAGE WATER COMMISSION  
HELD ON THURSDAY, APRIL 21, 2016  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

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

Committee members in attendance: D. Loftus, R. Furstenau, M. Scheck, and J. Zay

Committee members absent: F. Saverino

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

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

All voted aye: Motion passed

Chairman Zay entered the meeting at 6:03 P.M.

Facilities Construction Supervisor Bostick provided an oral report of the Status of Operations report dated March 10, 2016:

Facilities Construction Supervisor Bostick reported that the 84" West Reservoir Influent Control Valve has been repaired and the valve is now operational which will now allow the scheduling of completion of the AECOM Condition Assessment of the West Reservoir as well as the completion of the reservoir hatch replacement vent installation project. Facilities Construction Supervisor Bostick advised the Condition Assessment is tentatively scheduled for the 1<sup>st</sup> week of May.

Regarding the Contract for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation, R-13-16 appears on the agenda requesting a time extension of 247 days, the granting of final acceptance and release of final payment upon satisfactory completion of the Work, and after submitting all contractually required documentation. Facilities Construction Supervisor Bostick reported the time extension is necessary due to Staff imposed delays for reasons relating to system operation and maintenance needs.

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. is ongoing with work at the Roselle site including miscellaneous metal repairs and sand blasting scheduled to commence during the week of April 25<sup>th</sup>. Scheduled completion of the Roselle work is June 1<sup>st</sup> when the schedule is to start work

on the 75<sup>th</sup> Street site. The Contract Completion Date is November 4<sup>th</sup>.

Regarding R-11-16, Facilities Construction Supervisor Bostick advised the Committee the resolution is requesting approval of Quick Response Electric Contract QRE-7/15, Work Authorization Order (WAO) Nos. 03 and 04. WAO No.3 relates to underground conduit work for two separate tasks or parts, but within close proximity to each other. Part A is to reroute conduits around a recently located valve vault structure; Part B being the upsizing of conduit for a future AT&T cabling project, where AT&T standards call for a larger conduit. WAO No. 4 is to provide and install certain security equipment for the newly reconstructed Reservoir access hatches.

Regarding the annual DWC Customer meter calibration program, The Committee was informed the meter testing is about 98% complete without any meters testing outside of the Customer Contract limits.

General Manager Spatz left the meeting at 6:08 P.M.

Regarding the Wireless Data Project, Facilities Construction Supervisor Bostick advised that the wireless system is being surveyed to determine to measure the performance of the network and tweak the installations to gain peak area coverage and performance.

Regarding Commission Data Management, Facilities Construction Supervisor Bostick advised the Committee that Staff has standardized the data back-up procedures and data recovery in attempt to match industry best practice with a data recovery goal of one hour.

Chairman Zay left the meeting at 6:14 P.M.

Regarding Butterfield Road exploratory excavations, Facilities Construction Supervisor Bostick advised the Committee that the contractor has received the permits from IDOT and the work scheduled to commence on April 26<sup>th</sup>.

Regarding R-10-16, Facilities Construction Supervisor Bostick reminded the Committee of the discussion at the March committee meeting regarding the construction of an excavated materials storage bin by a Quick Response Contractor and R-10-16 ratifies that work in the amount of \$4,540.00. The Committee was advised that the Contractor who was previously employed to off-load the 60-inch butterfly valve delivery performed the work and staff was able to utilize the economies of having the same equipment and operators perform both tasks in succession with a single mobilization.

Commissioner Furstenau inquired about Naperville standpipe and whether or not it was scheduled to be painted. Facilities Construction Supervisor Bostick advised the rehabilitation work for that standpipe is scheduled for 2017 and the specifications are not yet developed.

Engineering Committee Minutes 04/21/2016

Chairman Loftus inquired with the Committee if there were any questions regarding the action items. Hearing none, Commissioner Furstenau moved to recommend approval of items 2 through 4 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Scheck.

All voted aye: Motion passed

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

Hearing none, Commissioner Scheck moved to adjourn the meeting at 6:19 P.M. Motion seconded by Commissioner Furstenau.

All voted aye: Motion passed

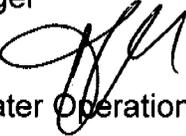
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# DuPage Water Commission

## MEMORANDUM

TO: John Spatz  
General Manager

FROM: Terry McGhee   
Manager of Water Operations

|                |                                    |
|----------------|------------------------------------|
| Ed Kazmierczak | Pipeline Supervisor                |
| Chris Bostick  | Facilities Construction Supervisor |
| John Schori    | Instrumentation Supervisor         |
| Frank Frelka   | GIS Coordinator                    |
| Mike Weed      | Operations Supervisor              |

DATE: May 11, 2016

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of April were a total of 1.993 billion gallons. This represents an average day demand of 66.4 million gallons per day (MGD), which is equal to the April 2015 average day demand of 66.4 MGD. The maximum day demand was 70.8 MGD on April 12, 2016, which is lower than the April 2015 maximum day demand of 72.6 MGD. The minimum day flow was 60.2 MGD.

The Commission's recorded total precipitation for the month of April was 2.80 inches compared to 2.87 inches for April 2015. The level of Lake Michigan for April 2016 is 579.94 (Feet IGLD 1985) compared to 579.15 (Feet IGLD 1985) for April 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

#### Condition Assessment

The Condition Assessment of the DPPS West Reservoir and Storm Water Detention Tank is complete and AECOM will deliver their reports for insertion into the report binder.

### 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. Steel repairs, sand blasting and priming at Standpipe No. 1 in Roselle is underway. The Contract Completion Date is November 4<sup>th</sup>.

Manusos General Contracting, Inc. has satisfactorily completed all work on the DPPS West Reservoir hatches and vents.

### Instrumentation / Remote Facilities Overview

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

Work Authorization Order No. 3 to reroute conduits around a buried valve vault and to install a new conduit from the AT&T service drop into the facility is being scheduled.

Work Authorization Order No. 4 to install new security systems to monitor the new reservoir hatches is underway.

#### Meter Shop

The Annual Customer Meter Calibration program is 100% complete. All meters have tested within contractual limits.

### Wireless Data Project

The configuration of the new wireless network was modified to add an additional level of security. Staff is investigating the potential to increased network throughput with certain configuration changes. A project will be scoped out to study and implement improvements.

### Office 365

Bridgepoint is working with staff to complete the migration of our Exchange mailboxes to the cloud. Once this this project is complete they will move on to migrating the Commission to Office 365.

### Pipeline Maintenance and Construction Overview

Butterfield Road exploratory excavation has been completed.

Resolution R-15-16 appears on the agenda as seeking authorization to advertise for bids for vacuum excavation and thermite welding services. Staff wishes to use the services of a contractor specializing in combining these services for the purpose of attaching cathodic protection (CP) test station wires to steel and ductile iron watermains. The anticipated schedule is to advertise within 60 days of receiving authorization, with a request for board approval of a contract following the bid opening. Staff is desirous to complete the project in late summer or early fall of 2016.

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

Staff has resumed collecting cathodic protection test point data.

**MAY 2016 COMMISSION AGENDA ITEMS:**

**R-15-16:** A Resolution Directing Advertisement for Bids to Provide Vacuum Excavation and Thermite Welding Services **(No Cost Component)**

**Attachments**

1. DuPage Laboratory Bench Sheets for April, 2016
2. Water Sales Analysis 01-September-2009 to 30- April -2016
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

<http://sp2013/Status%20of%20Operations/2016/160511.docx>

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
 MONTHLY REPORT FOR APRIL 2016

LEXINGTON SUPPLY

DUPAGE DISCHARGE

| DAY | FREE CL <sub>2</sub><br>mg/l | TURBIDITY<br>NTU | PO <sub>4</sub><br>mg/l | FREE CL <sub>2</sub><br>mg/l | TURBIDITY<br>NTU | TEMP<br>°F | pH  | Fluoride | PO <sub>4</sub><br>mg/l | P.A.C.<br>LBS/MG | ANALYST<br>INT |
|-----|------------------------------|------------------|-------------------------|------------------------------|------------------|------------|-----|----------|-------------------------|------------------|----------------|
| 1   | 1.00                         | 0.09             | 0.53                    | 0.97                         | 0.08             | 47         | 7.5 | 0.8      | 0.54                    | 0                | RC             |
| 2   | 0.96                         | 0.09             | 0.55                    | 0.93                         | 0.09             | 47         | 7.5 | 0.8      | 0.54                    | 0                | CT             |
| 3   | 0.99                         | 0.10             | 0.54                    | 0.96                         | 0.09             | 47         | 7.4 | 0.8      | 0.55                    | 0                | CT             |
| 4   | 1.10                         | 0.10             | 0.56                    | 0.96                         | 0.09             | 48         | 7.5 | 0.7      | 0.55                    | 0                | RC             |
| 5   | 0.95                         | 0.10             | 0.54                    | 0.96                         | 0.09             | 48         | 7.4 | 0.7      | 0.55                    | 0                | RC             |
| 6   | 0.92                         | 0.11             | 0.56                    | 0.94                         | 0.09             | 48         | 7.4 | 0.8      | 0.54                    | 0                | CT             |
| 7   | 0.94                         | 0.10             | 0.53                    | 0.94                         | 0.09             | 48         | 7.4 | 0.7      | 0.54                    | 0                | CT             |
| 8   | 1.02                         | 0.10             | 0.54                    | 0.96                         | 0.09             | 49         | 7.4 | 0.7      | 0.56                    | 0                | CT             |
| 9   | 0.96                         | 0.09             | 0.56                    | 0.98                         | 0.09             | 50         | 7.5 | 0.8      | 0.55                    | 0                | RC             |
| 10  | 0.95                         | 0.09             | 0.56                    | 0.94                         | 0.10             | 50         | 7.5 | 0.8      | 0.54                    | 0                | RC             |
| 11  | 0.98                         | 0.09             | 0.56                    | 0.96                         | 0.10             | 50         | 7.4 | 0.7      | 0.58                    | 0                | CT             |
| 12  | 0.99                         | 0.09             | 0.54                    | 0.92                         | 0.09             | 50         | 7.4 | 0.7      | 0.58                    | 0                | CT             |
| 13  | 0.93                         | 0.09             | 0.56                    | 0.94                         | 0.09             | 50         | 7.4 | 0.7      | 0.58                    | 0                | CT             |
| 14  | 0.99                         | 0.10             | 0.56                    | 0.97                         | 0.09             | 51         | 7.5 | 0.8      | 0.57                    | 0                | RC             |
| 15  | 0.91                         | 0.11             | 0.56                    | 0.95                         | 0.09             | 51         | 7.5 | 0.8      | 0.55                    | 0                | RC             |
| 16  | 0.93                         | 0.11             | 0.54                    | 0.94                         | 0.09             | 51         | 7.4 | 0.8      | 0.58                    | 0                | RC             |
| 17  | 0.97                         | 0.09             | 0.57                    | 0.96                         | 0.09             | 51         | 7.4 | 0.8      | 0.54                    | 0                | AM             |
| 18  | 0.97                         | 0.09             | 0.58                    | 0.96                         | 0.09             | 53         | 7.4 | 0.8      | 0.55                    | 0                | AM             |
| 19  | 0.98                         | 0.09             | 0.55                    | 0.96                         | 0.09             | 52         | 7.5 | 0.8      | 0.55                    | 0                | KD             |
| 20  | 0.98                         | 0.09             | 0.55                    | 0.96                         | 0.10             | 53         | 7.5 | 0.8      | 0.54                    | 0                | KD             |
| 21  | 1.00                         | 0.09             | 0.55                    | 0.94                         | 0.10             | 53         | 7.6 | 0.8      | 0.55                    | 0                | AM             |
| 22  | 1.00                         | 0.10             | 0.54                    | 0.98                         | 0.10             | 53         | 7.6 | 0.8      | 0.55                    | 0                | KD             |
| 23  | 1.00                         | 0.10             | 0.56                    | 0.98                         | 0.09             | 53         | 7.4 | 0.8      | 0.53                    | 0                | RC             |
| 24  | 1.01                         | 0.10             | 0.56                    | 0.98                         | 0.09             | 53         | 7.4 | 0.8      | 0.54                    | 0                | KD             |
| 25  | 1.00                         | 0.10             | 0.55                    | 0.99                         | 0.09             | 54         | 7.4 | 0.8      | 0.59                    | 0                | KD             |
| 26  | 1.01                         | 0.10             | 0.53                    | 0.99                         | 0.09             | 54         | 7.5 | 0.8      | 0.57                    | 0                | KD             |
| 27  | 1.01                         | 0.10             | 0.54                    | 0.99                         | 0.09             | 54         | 7.6 | 0.8      | 0.55                    | 0                | RC             |
| 28  | 1.00                         | 0.09             | 0.55                    | 1.00                         | 0.09             | 55         | 7.6 | 0.8      | 0.56                    | 0                | KD             |
| 29  | 0.99                         | 0.09             | 0.56                    | 1.00                         | 0.10             | 54         | 7.5 | 0.7      | 0.55                    | 0                | KD             |
| 30  | 1.00                         | 0.09             | 0.56                    | 1.00                         | 0.09             | 54         | 7.5 | 0.7      | 0.57                    | 0                | KD             |
| 31  | 1.00                         | 0.09             | 0.57                    | 0.99                         | 0.10             | 54         | 7.5 | 0.8      | 0.55                    | 0                | AM             |
| AVG | 0.98                         | 0.10             | 0.55                    | 0.96                         | 0.09             | 51         | 7.5 | 0.8      | 0.55                    | 0                |                |
| MAX | 1.10                         | 0.11             | 0.58                    | 1.00                         | 0.10             | 55         | 7.6 | 0.8      | 0.59                    | 0                |                |
| MIN | 0.91                         | 0.09             | 0.53                    | 0.92                         | 0.08             | 47         | 7.4 | 0.7      | 0.53                    | 0                |                |



Terrance McGhee  
 Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 30-Apr-16

PER DAY AVERAGE 79,847,724

| MONTH      | SALES TO CUSTOMERS (GALLONS) | PURCHASES FROM CHICAGO (GALLONS) | GALLONS BILLED % | BILLINGS TO CUSTOMERS | BILLINGS FROM CHICAGO | DOCUMENTED COMMISSION WATER USE (2) | DOCUMENTED COMMISSION WATER USE % | TOTAL ACCOUNTED FOR % | DWC OPER. & MAINT. RATE (3) | CHGO RATE |
|------------|------------------------------|----------------------------------|------------------|-----------------------|-----------------------|-------------------------------------|-----------------------------------|-----------------------|-----------------------------|-----------|
| May-13     | 2,347,910,000                | 2,413,837,252                    | 97.27%           | \$7,795,061.20        | \$6,956,678.96        | 809,119                             | 0.03%                             | 97.30%                | \$3.32                      | \$2.882   |
| Jun-13     | 2,321,503,000                | 2,390,040,458                    | 97.13%           | \$7,707,389.96        | \$6,888,096.60        | 649,245                             | 0.03%                             | 97.16%                | \$3.32                      | \$2.882   |
| Jul-13     | 2,829,247,000                | 2,911,976,489                    | 97.16%           | \$9,393,100.04        | \$8,392,316.24        | 1,059,086                           | 0.04%                             | 97.20%                | \$3.32                      | \$2.882   |
| Aug-13     | 3,007,723,000                | 3,089,289,160                    | 97.36%           | \$9,985,640.36        | \$8,903,331.36        | 1,323,465                           | 0.04%                             | 97.40%                | \$3.32                      | \$2.882   |
| Sep-13     | 2,537,241,000                | 2,606,351,145                    | 97.35%           | \$8,423,640.12        | \$7,511,504.00        | 1,371,480                           | 0.05%                             | 97.40%                | \$3.32                      | \$2.882   |
| Oct-13     | 2,190,814,000                | 2,245,112,672                    | 97.58%           | \$7,273,502.48        | \$6,470,414.72        | 763,519                             | 0.03%                             | 97.62%                | \$3.32                      | \$2.882   |
| Nov-13     | 1,996,890,000                | 2,051,521,527                    | 97.34%           | \$6,629,674.80        | \$5,912,485.04        | 4,979,520                           | 0.24%                             | 97.58%                | \$3.32                      | \$2.882   |
| Dec-13     | 2,122,238,000                | 2,175,046,412                    | 97.57%           | \$7,045,830.16        | \$6,268,483.76        | 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        | \$6,797,080.00        | 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        | \$8,082,518.44        | 717,028                             | 0.03%                             | 97.21%                | \$4.68                      | \$3.813   |
| Feb-15     | 1,886,817,000                | 1,941,072,846                    | 97.20%           | \$8,830,303.56        | \$7,401,310.76        | 543,923                             | 0.03%                             | 97.23%                | \$4.68                      | \$3.813   |
| Mar-15     | 2,094,277,000                | 2,161,266,992                    | 96.90%           | \$9,801,216.36        | \$8,240,911.04        | 965,682                             | 0.04%                             | 96.95%                | \$4.68                      | \$3.813   |
| Apr-15     | 1,984,985,000                | 2,045,765,854                    | 97.03%           | \$9,289,729.80        | \$7,800,505.20        | 10,301,376                          | 0.50%                             | 97.53%                | \$4.68                      | \$3.813   |
| May-15     | 2,215,394,000                | 2,283,051,057                    | 97.04%           | \$10,744,660.90       | \$8,705,273.68        | 649,444                             | 0.03%                             | 97.06%                | \$4.85                      | \$3.813   |
| Jun-15     | 2,196,780,000                | 2,266,453,659                    | 96.93%           | \$10,654,383.00       | \$8,641,987.80        | 468,148                             | 0.02%                             | 96.95%                | \$4.85                      | \$3.813   |
| Jul-15     | 2,448,256,000                | 2,522,026,667                    | 97.07%           | \$11,874,041.60       | \$9,616,487.68        | 6,454,619                           | 0.26%                             | 97.33%                | \$4.85                      | \$3.813   |
| Aug-15     | 2,723,202,000                | 2,807,092,033                    | 97.01%           | \$13,207,529.70       | \$10,703,441.92       | 1,048,363                           | 0.04%                             | 97.05%                | \$4.85                      | \$3.813   |
| Sep-15     | 2,341,098,000                | 2,428,433,496                    | 96.40%           | \$11,354,325.30       | \$9,259,616.92        | 870,425                             | 0.04%                             | 96.44%                | \$4.85                      | \$3.813   |
| Oct-15     | 2,188,762,000                | 2,250,656,585                    | 97.25%           | \$10,615,495.70       | \$8,581,753.56        | 1,989,028                           | 0.09%                             | 97.34%                | \$4.85                      | \$3.813   |
| Nov-15     | 1,894,247,000                | 1,942,187,317                    | 97.53%           | \$9,187,097.95        | \$7,405,560.24        | 1,150,890                           | 0.06%                             | 97.59%                | \$4.85                      | \$3.813   |
| Dec-15     | 1,953,066,000                | 2,011,680,976                    | 97.09%           | \$9,472,370.10        | \$7,670,539.56        | 516,414                             | 0.03%                             | 97.11%                | \$4.85                      | \$3.813   |
| Jan-16     | 2,033,443,000                | 2,091,170,472                    | 97.24%           | \$9,862,198.55        | \$7,973,633.01        | 862,718                             | 0.04%                             | 97.28%                | \$4.85                      | \$3.813   |
| Feb-16     | 1,888,296,000                | 1,941,985,366                    | 97.24%           | \$9,158,235.60        | \$7,404,790.20        | 563,984                             | 0.03%                             | 97.26%                | \$4.85                      | \$3.813   |
| Mar-16     | 1,944,058,000                | 1,996,231,707                    | 97.39%           | \$9,428,681.30        | \$7,611,617.24        | 6,400,732                           | 0.32%                             | 97.71%                | \$4.85                      | \$3.813   |
| Apr-16     | 1,984,449,000                | 2,039,789,593                    | 97.29%           | \$9,624,577.65        | \$7,777,717.72        | 9,448,858                           | 0.46%                             | 97.75%                | \$4.85                      | \$3.813   |
| TOTALS (1) | 699,945,151,798              | 719,648,302,960                  | 97.26%           | \$1,231,406,552.33    | \$1,134,846,487.97    | 700,327,343                         | 0.10%                             | 97.36%                | \$1.76                      | \$1.577   |

(1) - SINCE MAY 1, 1992

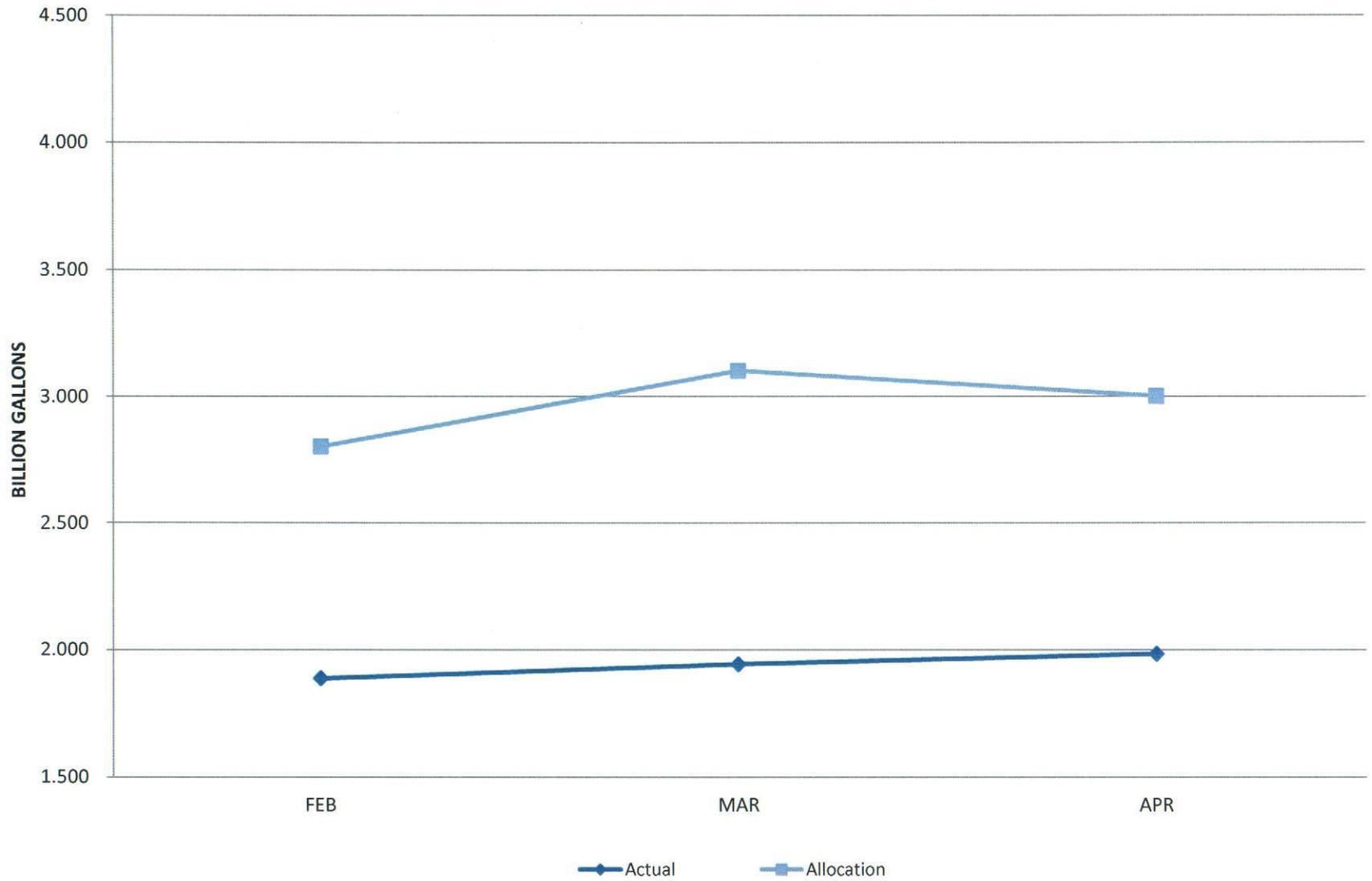
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

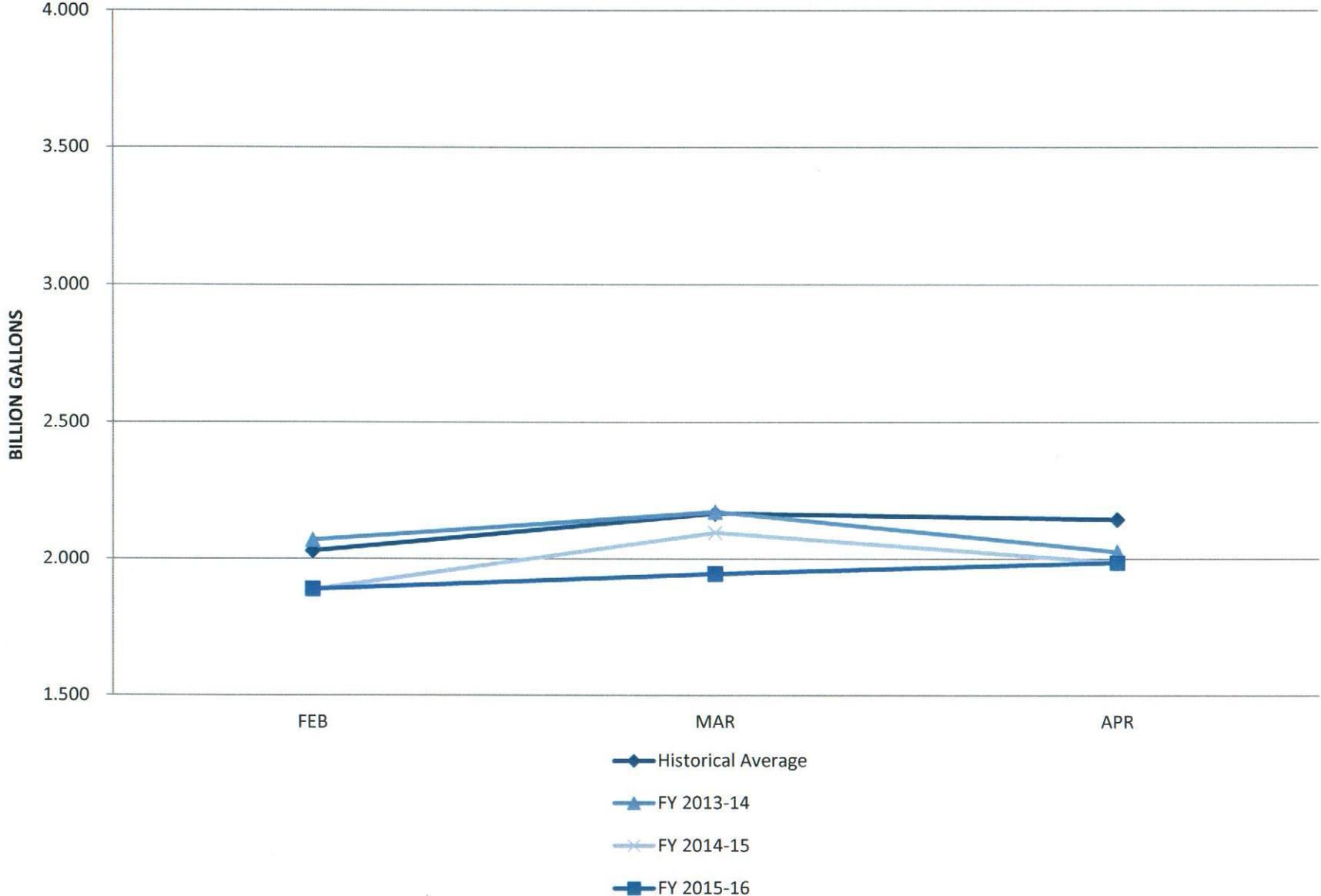
YTD

|             |                |                |        |              |             |  |  |  |        |         |
|-------------|----------------|----------------|--------|--------------|-------------|--|--|--|--------|---------|
| Apr-15      | 25,959,645,000 | 26,748,781,045 | 97.05% | 108,754,593  | 92,805,464  |  |  |  | \$4.19 | \$3.470 |
| Apr-16      | 25,811,051,000 | 26,580,758,928 | 97.10% | 125,183,597  | 101,352,420 |  |  |  | \$4.85 | \$3.813 |
|             | (148,594,000)  | (168,022,117)  |        | \$16,429,005 | \$8,546,956 |  |  |  |        |         |
|             | -0.6%          | -0.6%          |        | 15.1%        | 9.2%        |  |  |  |        |         |
| Month       |                |                |        |              |             |  |  |  |        |         |
| Apr-15      | 1,984,985,000  | 2,045,765,854  | 97.03% | 9,289,730    | 7,800,505   |  |  |  | \$4.68 | \$3.813 |
| Apr-16      | 1,984,449,000  | 2,039,789,593  | 97.29% | 9,624,578    | 7,777,718   |  |  |  | \$4.85 | \$3.813 |
|             | (536,000)      | (5,976,261)    |        | \$ 334,848   | \$ (22,787) |  |  |  |        |         |
|             | 0.0%           | -0.3%          |        | 3.6%         | -0.3%       |  |  |  |        |         |
| April>March | 40,391,000     | 43,557,886     |        | 195,896      | 166,100     |  |  |  |        |         |

## DU PAGE WATER COMMISSION SALES FY 2015-16 VS. ALLOCATION



# DU PAGE WATER COMMISSION SALES FY 2015-16, 2014-15 & 2013-14 VS. HISTORICAL AVERAGE





# 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: June 9, 2016

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of May were a total of 2.3 billion gallons. This represents an average day demand of 73.2 million gallons per day (MGD), which is higher than the May 2015 average day demand of 71.7 MGD. The maximum day demand was 82.5 MGD on May 24, 2016, which is lower than the May 2015 maximum day demand of 77.8 MGD. The minimum day flow was 65.6 MGD.

The Commission's recorded total precipitation for the month of May was 5.4 inches compared to 4.6 inches for May 2015. The level of Lake Michigan for May 2016 is 580.1 (Feet IGLD 1985) compared to 579.3 (Feet IGLD 1985) for May of 2015

### Water Conservation

On June 13, 2016 SCARCE will bring about 20 DuPage Teachers to the Commission for a presentation on the Water Journey from Lake Michigan to residents' taps. They will also tour the Pumping Station to better understand how it works as well as receive water conservation items to utilize in their classrooms.

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. Interior coating at Standpipe No. 1 in Roselle is complete with exterior blasting and priming underway. The Contractor is mobilizing to Standpipe No. 4E in Lisle Township on June 16<sup>th</sup>. The Contract Completion Date is November 4<sup>th</sup>.

### **Instrumentation / Remote Facilities Overview**

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

Work Authorization Order No. 3:

Part A: Rerouting conduits around a buried valve vault has been completed.

Part B: Installation of new conduit from the AT&T service drop into the facility is underway.

Work Authorization Order No. 4 to install new security systems to monitor the new reservoir hatches is ongoing.

Resolution R-18-16 appears on the agenda to approve and ratify work authorization order No. 5 for work completed to install a temporary antenna mast and cable for Meter Station 22A in Willowbrook. The Commission's antenna is normally mounted on Willowbrook's standpipe however the antenna must be relocated for Willowbrook's standpipe painting project.

### **Office 365**

The move to Office 365 is delayed until the end of June. Staff is investigating firewall issues.

### **Pipeline Maintenance and Construction Overview**

Resolution R-15-16 appears on the agenda seeking authorization to advertise for bids for vacuum excavation and thermite welding services. Staff wishes to use the services of a contractor specializing in combining these services for the purpose of attaching cathodic protection (CP) test station wires to steel and ductile iron water mains. The anticipated schedule is to advertise within 60 days of receiving authorization, with a request for board approval of a contract following the bid opening. Staff is planning on completing the project in late summer or early fall of 2016.

Resolution R-17-16 appears on the agenda as a request to approve Contract QR-10/13 Work Authorization Orders Nos. 15 and 16 for the installation of 60-inch diameter butterfly valves in two separate locations.

Resolution R-19-16 appears on the agenda as a request to approve Contract QR-10/13 Work Authorization Order No. 14 for the repair of a 16-inch diameter ductile iron water main located on Central Avenue at Washington Street in the City of Wood Dale.

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

Staff has resumed collecting cathodic protection test point data.

**JUNE 2016 COMMISSION AGENDA ITEMS:**

- R-15-16:** A Resolution Directing Advertisement for Bids to Provide Vacuum Excavation and Thermite Welding Services **(No Cost Component)**
- R-17-18:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 **(WAO No. 15 to Rossi Contractors, Inc. in the amount of \$ \$275,000.00 and WAO No. 16 to John Neri Construction Co., Inc. in the amount of \$305,700.00)**
- R-18-16** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 **(WAO No. 5 to McWilliams Electric Co., Inc. – Estimated Not-To-Exceed \$2,000.00)**
- R-19-16** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 **(WAO No. 14 to John Neri Construction Co., Inc. – Estimated between \$50,000.00 and \$60,000.00)**

**Attachments**

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

<http://sp2013/Status%20of%20Operations/2016/160609.docx>

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR MAY 2016

LEXINGTON SUPPLY

DUPAGE DISCHARGE

| DAY | FREE CL <sub>2</sub><br>mg/l | TURBIDITY<br>NTU | PO <sub>4</sub><br>mg/l | FREE CL <sub>2</sub><br>mg/l | TURBIDITY<br>NTU | TEMP<br>°F | pH  | Fluoride<br>mg/l | PO <sub>4</sub><br>mg/l | P.A.C.<br>LBS/MG | ANALYST<br>INT |
|-----|------------------------------|------------------|-------------------------|------------------------------|------------------|------------|-----|------------------|-------------------------|------------------|----------------|
| 1   | 1.02                         | 0.10             | 0.59                    | 0.97                         | 0.08             | 55         | 7.6 | 0.7              | 0.52                    | 0                | RC             |
| 2   | 1.01                         | 0.10             | 0.59                    | 0.98                         | 0.09             | 55         | 7.6 | 0.7              | 0.52                    | 0                | KD             |
| 3   | 0.97                         | 0.09             | 0.54                    | 0.96                         | 0.10             | 55         | 7.5 | 0.7              | 0.57                    | 0                | KD             |
| 4   | 1.00                         | 0.09             | 0.57                    | 0.98                         | 0.09             | 55         | 7.5 | 0.7              | 0.56                    | 0                | AM             |
| 5   | 1.00                         | 0.09             | 0.58                    | 0.98                         | 0.09             | 55         | 7.5 | 0.7              | 0.57                    | 0                | AM             |
| 6   | 1.00                         | 0.10             | 0.56                    | 0.97                         | 0.10             | 55         | 7.5 | 0.7              | 0.53                    | 0                | AM             |
| 7   | 1.00                         | 0.10             | 0.55                    | 0.95                         | 0.09             | 55         | 7.5 | 0.7              | 0.55                    | 0                | KD             |
| 8   | 0.97                         | 0.10             | 0.55                    | 0.95                         | 0.09             | 55         | 7.5 | 0.7              | 0.57                    | 0                | KD             |
| 9   | 0.99                         | 0.10             | 0.54                    | 0.97                         | 0.09             | 55         | 7.6 | 0.7              | 0.53                    | 0                | AM             |
| 10  | 0.96                         | 0.10             | 0.51                    | 0.95                         | 0.09             | 55         | 7.6 | 0.7              | 0.51                    | 0                | AM             |
| 11  | 0.98                         | 0.10             | 0.55                    | 0.97                         | 0.09             | 55         | 7.6 | 0.7              | 0.58                    | 0                | KD             |
| 12  | 1.01                         | 0.10             | 0.56                    | 0.97                         | 0.09             | 55         | 7.5 | 0.7              | 0.57                    | 0                | KD             |
| 13  | 1.02                         | 0.09             | 0.56                    | 0.98                         | 0.08             | 55         | 7.5 | 0.7              | 0.59                    | 0                | KD             |
| 14  | 1.00                         | 0.10             | 0.57                    | 0.98                         | 0.09             | 55         | 7.5 | 0.7              | 0.59                    | 0                | CT             |
| 15  | 0.98                         | 0.09             | 0.58                    | 0.94                         | 0.08             | 57         | 7.6 | 0.8              | 0.58                    | 0                | CT             |
| 16  | 0.97                         | 0.09             | 0.59                    | 0.96                         | 0.09             | 55         | 7.5 | 0.7              | 0.57                    | 0                | RC             |
| 17  | 0.98                         | 0.10             | 0.58                    | 0.96                         | 0.09             | 55         | 7.5 | 0.7              | 0.56                    | 0                | RC             |
| 18  | 0.99                         | 0.10             | 0.56                    | 0.96                         | 0.08             | 57         | 7.6 | 0.8              | 0.57                    | 0                | CT             |
| 19  | 0.98                         | 0.10             | 0.58                    | 0.97                         | 0.08             | 55         | 7.5 | 0.8              | 0.57                    | 0                | CT             |
| 20  | 0.98                         | 0.10             | 0.58                    | 0.97                         | 0.09             | 56         | 7.5 | 0.8              | 0.58                    | 0                | CT             |
| 21  | 0.99                         | 0.10             | 0.59                    | 0.98                         | 0.09             | 55         | 7.6 | 0.7              | 0.56                    | 0                | RC             |
| 22  | 0.97                         | 0.10             | 0.58                    | 0.98                         | 0.09             | 57         | 7.5 | 0.8              | 0.53                    | 0                | CT             |
| 23  | 0.98                         | 0.09             | 0.59                    | 0.98                         | 0.09             | 57         | 7.5 | 0.8              | 0.56                    | 0                | CT             |
| 24  | 0.96                         | 0.09             | 0.57                    | 0.97                         | 0.09             | 57         | 7.5 | 0.7              | 0.57                    | 0                | CT             |
| 25  | 0.98                         | 0.09             | 0.52                    | 0.97                         | 0.10             | 57         | 7.5 | 0.7              | 0.54                    | 0                | RC             |
| 26  | 0.98                         | 0.10             | 0.59                    | 0.97                         | 0.10             | 55         | 7.6 | 0.7              | 0.57                    | 0                | RC             |
| 27  | 0.97                         | 0.10             | 0.54                    | 0.97                         | 0.10             | 55         | 7.5 | 0.7              | 0.58                    | 0                | RC             |
| 28  | 1.00                         | 0.10             | 0.59                    | 0.98                         | 0.10             | 58         | 7.5 | 0.8              | 0.58                    | 0                | CT             |
| 29  | 1.00                         | 0.10             | 0.59                    | 0.98                         | 0.09             | 58         | 7.5 | 0.8              | 0.59                    | 0                | RC             |
| 30  | 1.00                         | 0.10             | 0.55                    | 0.98                         | 0.09             | 58         | 7.6 | 0.7              | 0.59                    | 0                | RC             |
| 31  | 1.00                         | 0.09             | 0.53                    | 0.98                         | 0.08             | 58         | 7.5 | 0.8              | 0.56                    | 0                | RC             |
| AVG | 0.99                         | 0.10             | 0.57                    | 0.97                         | 0.09             | 56         | 7.5 | 0.7              | 0.56                    | 0                |                |
| MAX | 1.02                         | 0.10             | 0.59                    | 0.98                         | 0.10             | 58         | 7.6 | 0.8              | 0.59                    | 0                |                |
| MIN | 0.96                         | 0.09             | 0.51                    | 0.94                         | 0.08             | 55         | 7.5 | 0.7              | 0.51                    | 0                |                |

  
Terrance McGhee  
Manager of Water Operations

DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 31-May-16  
PER DAY AVERAGE 79,824,188

| MONTH      | SALES TO CUSTOMERS (GALLONS) | PURCHASES FROM CHICAGO (GALLONS) | GALLONS BILLED % | BILLINGS TO CUSTOMERS | BILLINGS FROM CHICAGO | DOCUMENTED COMMISSION WATER USE (2) | DOCUMENTED COMMISSION WATER USE % | TOTAL ACCOUNTED FOR % | DWC OPER. & MAINT. RATE (3) | CHGO RATE |
|------------|------------------------------|----------------------------------|------------------|-----------------------|-----------------------|-------------------------------------|-----------------------------------|-----------------------|-----------------------------|-----------|
| May-13     | 2,347,910,000                | 2,413,837,252                    | 97.27%           | \$7,795,061.20        | \$6,956,678.96        | 809,119                             | 0.03%                             | 97.30%                | \$3.32                      | \$2.882   |
| Jun-13     | 2,321,503,000                | 2,390,040,458                    | 97.13%           | \$7,707,389.96        | \$6,888,096.60        | 649,245                             | 0.03%                             | 97.16%                | \$3.32                      | \$2.882   |
| Jul-13     | 2,829,247,000                | 2,911,976,489                    | 97.16%           | \$9,393,100.04        | \$8,392,316.24        | 1,059,086                           | 0.04%                             | 97.20%                | \$3.32                      | \$2.882   |
| Aug-13     | 3,007,723,000                | 3,089,289,160                    | 97.36%           | \$9,985,640.36        | \$8,903,331.36        | 1,323,465                           | 0.04%                             | 97.40%                | \$3.32                      | \$2.882   |
| Sep-13     | 2,537,241,000                | 2,606,351,145                    | 97.35%           | \$8,423,640.12        | \$7,511,504.00        | 1,371,480                           | 0.05%                             | 97.40%                | \$3.32                      | \$2.882   |
| Oct-13     | 2,190,814,000                | 2,245,112,672                    | 97.58%           | \$7,273,502.48        | \$6,470,414.72        | 763,519                             | 0.03%                             | 97.62%                | \$3.32                      | \$2.882   |
| Nov-13     | 1,996,890,000                | 2,051,521,527                    | 97.34%           | \$6,629,674.80        | \$5,912,485.04        | 4,979,520                           | 0.24%                             | 97.58%                | \$3.32                      | \$2.882   |
| Dec-13     | 2,122,238,000                | 2,175,046,412                    | 97.57%           | \$7,045,830.16        | \$6,268,483.76        | 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        | 838,445                             | 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                | 2,066,348,613                    | 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     | 1,930,866,000                | 1,981,464,656                    | 97.45%           | \$7,665,935.02        | \$6,570,538.80        | 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     | 1,888,817,000                | 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%           | \$10,744,661.00       | \$8,705,273.68        | 649,444                             | 0.03%                             | 97.06%                | \$4.85                      | \$3.813   |
| Jun-15     | 2,196,780,000                | 2,266,453,659                    | 96.93%           | \$10,654,383.00       | \$8,641,987.80        | 468,148                             | 0.02%                             | 96.95%                | \$4.85                      | \$3.813   |
| Jul-15     | 2,448,256,000                | 2,522,026,667                    | 97.07%           | \$11,874,041.60       | \$9,616,487.68        | 6,454,619                           | 0.26%                             | 97.33%                | \$4.85                      | \$3.813   |
| Aug-15     | 2,723,202,000                | 2,807,092,033                    | 97.01%           | \$13,207,529.70       | \$10,703,441.92       | 1,048,363                           | 0.04%                             | 97.05%                | \$4.85                      | \$3.813   |
| Sep-15     | 2,341,098,000                | 2,428,433,496                    | 96.40%           | \$11,354,325.30       | \$9,259,616.92        | 870,425                             | 0.04%                             | 96.44%                | \$4.85                      | \$3.813   |
| Oct-15     | 2,188,762,000                | 2,250,656,585                    | 97.25%           | \$10,615,495.70       | \$8,581,753.56        | 1,989,028                           | 0.09%                             | 97.34%                | \$4.85                      | \$3.813   |
| Nov-15     | 1,894,247,000                | 1,942,187,317                    | 97.53%           | \$9,187,097.95        | \$7,405,560.24        | 1,150,890                           | 0.06%                             | 97.59%                | \$4.85                      | \$3.813   |
| Dec-15     | 1,953,066,000                | 2,011,680,976                    | 97.09%           | \$9,472,370.10        | \$7,670,539.56        | 516,414                             | 0.03%                             | 97.11%                | \$4.85                      | \$3.813   |
| Jan-16     | 2,033,443,000                | 2,091,170,472                    | 97.24%           | \$9,862,198.55        | \$7,973,633.01        | 862,718                             | 0.04%                             | 97.28%                | \$4.85                      | \$3.813   |
| Feb-16     | 1,888,296,000                | 1,941,985,366                    | 97.24%           | \$9,158,235.60        | \$7,404,790.20        | 563,984                             | 0.03%                             | 97.26%                | \$4.85                      | \$3.813   |
| Mar-16     | 1,944,058,000                | 1,996,231,707                    | 97.39%           | \$9,428,681.30        | \$7,611,617.24        | 6,400,732                           | 0.32%                             | 97.71%                | \$4.85                      | \$3.813   |
| Apr-16     | 1,984,449,000                | 2,039,789,593                    | 97.29%           | \$9,624,577.65        | \$7,777,717.72        | 9,448,858                           | 0.46%                             | 97.75%                | \$4.85                      | \$3.813   |
| May-16     | 2,268,225,000                | 2,338,752,195                    | 96.98%           | \$10,887,480.00       | \$8,917,662.12        | 274,300                             | 0.01%                             | 97.00%                | \$4.80                      | \$3.813   |
| TOTALS (1) | 702,213,376,798              | 721,987,055,155                  | 97.26%           | \$1,242,294,032.33    | \$1,143,764,160.09    | 700,601,643                         | 0.10%                             | 97.36%                | \$1.77                      | \$1.584   |

- (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       | 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-15    | 2,215,394,000                | 2,283,051,057                    | 97.04%           | 10,744,661            | 8,705,274             | 649,444                             | 0.03%                             | 97.06%                | \$4.85                      | \$3.813   |
| May-16    | 2,268,225,000                | 2,338,752,195                    | 96.98%           | 10,887,480            | 8,917,662             | 274,300                             | 0.01%                             | 97.00%                | \$4.80                      | \$3.813   |
|           | 52,831,000                   | 55,701,138                       | 2.4%             | \$142,819             | \$212,388             |                                     |                                   |                       |                             |           |
|           |                              |                                  |                  | 1.3%                  | 2.4%                  |                                     |                                   |                       |                             |           |
| 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-15    | 2,215,394,000                | 2,283,051,057                    | 97.04%           | 10,744,661            | 8,705,274             | 649,444                             | 0.03%                             | 97.06%                | \$4.85                      | \$3.813   |
| May-16    | 2,268,225,000                | 2,338,752,195                    | 96.98%           | 10,887,480            | 8,917,662             | 274,300                             | 0.01%                             | 97.00%                | \$4.80                      | \$3.813   |
|           | 52,831,000                   | 55,701,138                       | 2.4%             | \$142,819             | \$212,388             |                                     |                                   |                       |                             |           |
|           |                              |                                  |                  | 1.3%                  | 2.4%                  |                                     |                                   |                       |                             |           |
| May>April | 283,776,000                  | 298,962,602                      |                  | 1,262,902             | 1,139,944             |                                     |                                   |                       |                             |           |

# REQUEST FOR BOARD ACTION

|   |  |   |          |
|---|--|---|----------|
| <b>AGENDA SECTION</b>   | Engineering Committee  | <b>ORIGINATING DEPARTMENT</b>   | Pipeline |
| <b>ITEM</b>   | A Resolution Directing Advertisement for Bids to Provide Vacuum Excavation and Thermite Welding Services<br><br>Resolution No. R-15-16 | <b>APPROVAL</b><br><br> |          |
| <p>Account Number: 01-60-629000</p> <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 the budgeted amount of \$50,000.00 for Hydro Excavation Services.</p> <p>Staff wishes 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 water mains. This work will be performed at certain locations where open cut methods of installing CP test stations wires is impractical due to the pipe's depth of cover, or because of interference with other utilities.</p> <p>The scope of the work will involve using either hydro or air vacuum excavation methods to excavate and expose water mains followed by Thermite Welding of CP test station wires to the pipe. The weld and exposed metal will be covered with a protective coating, the wires will be extended to the surface, and the excavation backfilled. Installation of the test stations and wire connections, continuity testing, and miscellaneous restoration work will be done by staff.</p> <p>This work is intended to augment the Commission's ongoing in-house efforts to rebuild, repair and enhance its existing network of cathodic protection test stations.</p> <p>Approval of Resolution No. R-15-16 would authorize advertisement for bids to provide Vacuum Excavation and Thermite Welding Services, and would establish all requirements necessary for the bidding, for the award of the contract, and for the approval of the contractor's bonds, all as required by state statute. Approval of this resolution does not authorize construction work or any expenses other than the costs associated with the publication of advertisements as required by the Water Commission Statute.</p> |  |   |          |
| <b>MOTION:</b> To approve Resolution No. R-15-16.   |  |   |          |

## DUPAGE WATER COMMISSION

## RESOLUTION NO. R-15-16

A RESOLUTION DIRECTING ADVERTISEMENT  
FOR BIDS ON A CONTRACT TO PROVIDE VACUUM EXCAVATION AND THERMITE  
WELDING SERVICES

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

SECTION ONE: Advertisement for Bids. The General Manager is hereby authorized and directed to advertise for bids for the contract entitled "Vacuum Excavation and Thermite Welding" in accordance with the requirements of 65 ILCS 5/11-135-5.

SECTION TWO: Notice Inviting Bids. The Notice inviting bids on the Contract shall be in substantially the form of the "Invitation for Bids" attached hereto as Exhibit A and by this reference incorporated herein and made a part hereof.

SECTION THREE: Requirements for Bidding. Sealed envelopes or packages containing bids for the performance of the Contract shall be submitted to the Commission in accordance with the "Instructions to Bidders" substantially in the form attached hereto as Exhibit B and by this reference incorporated herein and made a part hereof.

SECTION FOUR: Awarding of Contracts. The Commission will award the Contract to the bidder whose bid is found to be in the best interests of the Commission. The bidder who is to receive an award shall be determined in accordance with Article VIII of the Commission By-Laws and the Instructions to Bidders substantially in the form attached hereto as Exhibit B.

SECTION FIVE: Approval of Bonds. The approval of contractors' faithful performance and payment bonds shall be subject to the requirements set forth in the Contract Documents.

SECTION SIX:     Effective Date. 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

### **INVITATION FOR BIDS**

The DuPage Water Commission (the "Commission") will receive sealed bids for **VACUUM EXCAVATION AND THERMITE WELDING SERVICES**, 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., \_\_\_\_\_, 2016, at which time they will be opened and publicly read aloud.

#### Specifications

The "Work" shall be for "Vacuum Excavation and Thermite Welding Services" 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.

A bid package, including instructions and specifications, may be obtained by contacting Jenessa Rodriguez at (630) 834-0100 weekdays between 7:30 a.m. and 4:30 p.m. Questions may be directed to Edward Kazmierczak at (630) 834-0100 weekdays between 7:00am and 3:30pm.

#### Delivery of Bids

Each bid 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. Bids may be delivered by mail or in person. Bids received after the time specified above will be returned unopened.

#### Withdrawal of Bids

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

#### Rejection of Bids

Bids that are not submitted on the Contract/Bid form or that are not prepared in accordance with the Instructions to Bidders may be rejected. If not rejected, the Commission may demand correction of any deficiency and accept the deficiently prepared bid upon compliance with the Instructions to Bidders.

#### Acceptance of Bids

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

expertise of the bidders.

The Commission reserves the right to accept the bid that is, in its judgment, the best and most favorable to the interests of the Commission and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the bid 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 bid.

DATED this \_\_\_\_ day of \_\_\_\_\_, 2016.

DuPAGE WATER COMMISSION

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

## EXHIBIT B

### DUPAGE WATER COMMISSION

#### INSTRUCTIONS TO BIDDERS

##### OWNER:

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

Owner will receive sealed bids 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., ~~XXXXXXXX~~, 2016.

#### INSTRUCTIONS TO BIDDERS

##### Preparation of Bids

The "Contract Documents" shall be deemed to include the Invitation for Bids, these Instructions to Bidders, and the "Contract/Bid" 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 bids for the Work shall be made only on the blank Contract/Bid form attached to this Invitation for Bids, and shall be complete with a price for each and every item named in the Schedule of Prices attached to the Contract/Bid form as Attachment D. All bids shall be dated and signed by an authorized official on the Contract/Bid form and the Schedule of Prices attached to the Contract/Bid form as Attachment D. Bids 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 by issuance of an Addendum at any time prior to the time bids are opened. All Addenda issued prior to the opening of bids shall become a part of the Contract Documents. Each prospective bidder shall be responsible for inquiring from time to time as to the availability of Addenda. If any prospective bidder has questions, contact Ed Kazmierczak, Pipeline Supervisor, at 630-834-0100 between the hours of 7:00 AM and 3:30 PM.

##### Delivery of Bids

Each bid 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. Bids may be delivered by mail or in person. Bids received after the time specified above will be returned unopened.

##### Opening of Bids

Bids 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 Bids

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

##### Rejection of Bids

Bids that are not submitted on the Contract/Bid 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 bid upon compliance with these Instructions to Bidders.

##### Acceptance of Bids

Bids are being solicited pursuant to, and will be acted upon, in accordance with Article VIII, Section 5 of the Owner's By-Laws. Bids 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 bid that is, in its judgment, the best and most favorable to the interests of Owner and to the public; to reject the low price bid; to accept any item of any bid; to reject any and all bids; and to waive irregularities and informalities in any bid submitted or in the request for bid 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 bid.

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

DATED this 29th day of ~~XXXXXXXX~~ 2016.

DUPAGE WATER COMMISSION

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

**EXHIBIT A TO INSTRUCTIONS**

**DuPAGE WATER COMMISSION**

**CONTRACT/BID**

**VACUUM EXCAVATION AND THERMITE WELDING**

Full Name of Bidder \_\_\_\_\_ ("Bidder")  
Principal Office Address \_\_\_\_\_  
Local Office Address \_\_\_\_\_  
Contact Person \_\_\_\_\_ Telephone Number \_\_\_\_\_

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. \_\_\_\_\_ [if none, write "NONE"], which are securely stapled to the end of this Contract/Bid.*

*Terms defined in the Invitation for Bids shall have the same meanings in all Contract Documents, including this Contract/Bid, as ascribed to those terms in the Invitation for Bids.*

**1. Work Bid**

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/Bid 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/Bid, 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/Bid;
4. Taxes. Pay all applicable federal, state, and local taxes;
5. Miscellaneous. Do all other things required of Bidder by this Contract/Bid; 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/Bid, 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/Bid 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/Bid 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/Bid 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 Bid

If this Contract/Bid 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 Bid

If this Contract/Bid is accepted, Bidder proposes, and agrees, that Bidder shall commence the Work within 10 days following Owner's acceptance of this Contract/Bid (the "Commencement Date"). If this Contract/Bid 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/Bid 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/Bid 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/Bid.

C. **Performance and Payment Bond.** If this Contract/Bid 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 \$50,000.

D. **Penalties.** If this Contract/Bid 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 Bid**

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

#### 6. **Bidder's Representations and Warranties**

In order to induce Owner to accept this Contract/Bid, 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/Bid and the Contract Documents, including, without limitation, the performance standards set forth in Section 1B of this Contract/Bid; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Bid 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/Bid, 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/Bid 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, color, religion, sex, sexual orientation, marital status, order of protection status, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, military status or an unfavorable discharge from military service, including, but not limited to the Equal Employment Opportunity Clause

set forth in 44 Ill. Adm. Code 750.Appendix A; 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 Bids set forth above.

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

#### 7. **Acknowledgments**

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

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

C. **Acceptance.** If this Contract/Bid is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Bid 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/Bid 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/Bid; nor any information or data supplied by Owner, whether before or after Owner's acceptance of this Contract/Bid; 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/Bid 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/Bid or other Contract Document; or of any remedy, power, or right of Owner.

F. Severability. The provisions of this Contract/Bid 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/Bid 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/Bid 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/Bid 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/Bid 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/Bid and other Contract Documents and the rights of the parties under this Contract/Bid 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/Bid or other Contract Documents shall be deemed to be inserted herein.

DATED this \_\_\_\_\_ day of \_\_\_\_\_ 2016

Bidder's Status: ( ) \_\_\_\_\_ Corporation ( ) \_\_\_\_\_ Partnership ( ) Individual Proprietor  
(State) (State)

Bidder's Name: \_\_\_\_\_

Doing Business As (if different): \_\_\_\_\_

Signature of Bidder or Authorized Agent: \_\_\_\_\_

(corporate seal) Printed Name: \_\_\_\_\_  
(if corporation)

Title/Position: \_\_\_\_\_

Bidder's Business Address: \_\_\_\_\_

Bidder's Business Telephone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

If a Corporation or Partnership, list all Officers or Partners:

| NAME | TITLE | ADDRESS |
|------|-------|---------|
|      |       |         |
|      |       |         |
|      |       |         |
|      |       |         |

## Attachment A to Contract/Bid

### **SPECIFICATIONS**

If the Contract/Bid 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, and Ductile Iron 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 water mains. The pipes protective coating shall be removed to a bare metal surface approximately 6" in diameter onto which 2-#10 solid THHN wires shall be Thermite Welded. The wires shall be brought to the surface and terminated 12 foot above grade. The exposed metal and weld 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, course 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/Bid 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 bid, 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.

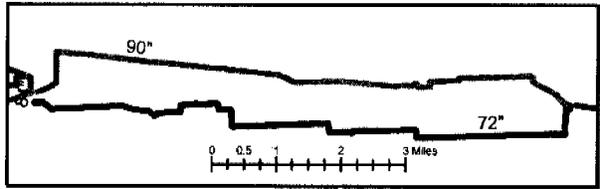
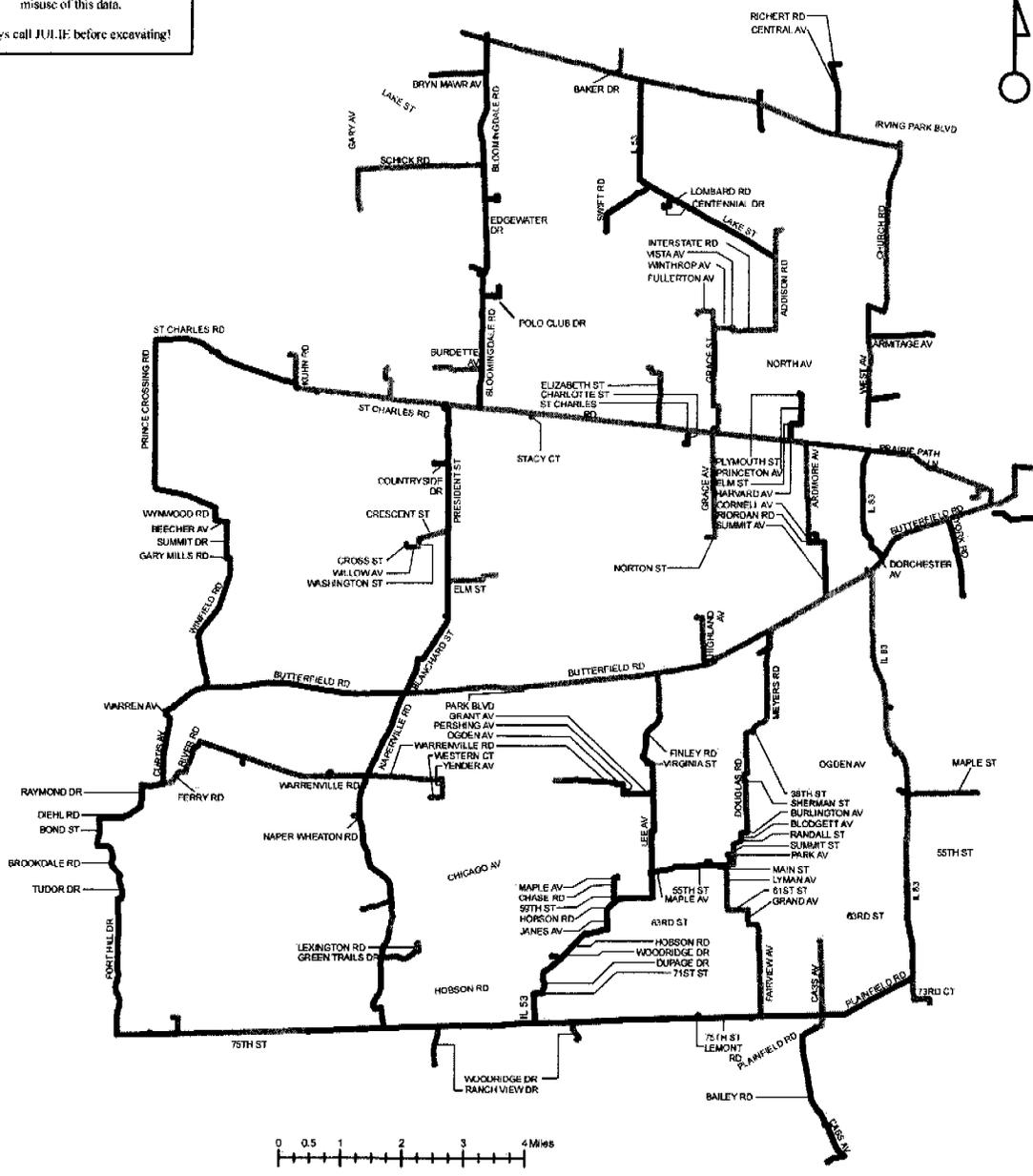
#### 5. Publicity

- 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 to Contract/Bid**

Data is for reference purposes only.  
The Dupage Water Commission is  
not responsible for any use of  
misuse of this data.

Always call JULIE before excavating!



**Attachment C to Contract/ Bid**

| 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 Wehrli 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 Rd. | Naperville | Approximate Station # 36+00  | Steel |
| 28 | TOB (18)   | SE Corner of Naperville & Diehl 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 to Contract/Bid**

**SCHEDULE OF PRICES**

If the Contract/Bid 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/Bid, 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 |               | 120                       |                 |
| 2        | Vacuum Excavation---Thermite Welding Overtime      | Hour |               | 15                        |                 |
| 3        | CA-6 Backfill                                      | Ton  |               | 200                       |                 |

**TOTAL OF COLUMNS C ITEMS 1-3** \_\_\_\_\_ Dollars and \_\_\_\_\_ Cents  
(in writing) (in writing)

\_\_\_\_\_ Dollars and \_\_\_\_\_ Cents  
(in figures) (in figures)

**B. BASIS FOR DETERMINING PRICES**

It is expressly understood and agreed that:

1. All prices stated in this 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 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;
3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in this Schedule of Prices;
4. 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/Bid, 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 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: \_\_\_\_\_

Title/Position: \_\_\_\_\_

**Attachment E to Contract/Bid**

**ACCEPTANCE**

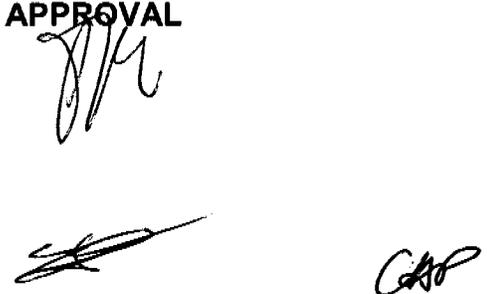
The Contract/Bid attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of the DuPage Water Commission ("Owner") this \_\_\_\_\_ day of \_\_\_\_\_, 2016

This Acceptance, together with the Contract/Bid 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/Bid. 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/Bid." 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

# REQUEST FOR BOARD ACTION

|                       |  |   |          |
|-----------------------|--|---|----------|
| <b>AGENDA SECTION</b> | Engineering & Construction Committee   | <b>ORIGINATING DEPARTMENT</b>   | Pipeline |
| <b>ITEM</b>           | <p>A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the June 16, 2016, DuPage Water Commission Meeting</p> <p>Resolution No. R-17-16</p> | <p><b>APPROVAL</b></p>  |          |

Account Number: 01-60-771000

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-17-16 would approve the following Work Authorization Orders under the Quick Response Contracts.

**Work Authorization Order No. 015 to Rossi Contractors, Inc.** This work authorization is for the installation of one 60" diameter butterfly located valve at Butterfield Road west of Fairfield Avenue in the City of Lombard.

**Work Authorization Order No. 016 to John Neri Construction Co. Inc.** This work authorization is for the installation of one 60" diameter butterfly located at Butterfield Road and Marshall Avenue in the City of Oakbrook Terrace.

Pursuant to R-29-15, the Board approved the purchase of two 60" Resilient Seat Flanged Butterfly Valves as replacements for two existing valves that pass a significant amount of water when the valve is seated in the fully closed position. Simultaneous with this action, the Board was informed that valve installations and ancillary work would be performed at later dates upon approval of forthcoming Contract QR-10/13 Work Authorization Orders.

Upon completion of exploratory excavation authorized under R-5-16, Staff requested estimates for the installation of both valves from the Commissions QR-10/13 Contractors, and the results of those estimates are listed in the table below:

| Contractor                 | Butterfield Rd. & Fairfield Ave. City of Lombard | Butterfield Rd. & Marshall Ave. City of Oakbrook Terrace |
|----------------------------|--|--|
| John Neri Construction Co. | \$298,800.00                                     | \$305,700.00   |
| Rossi Contractors, Inc.    | \$275,000.00                                     | \$338,000.00   |

|   |  |                               |          |
|---|--|-------------------------------|----------|
| <b>AGENDA SECTION</b>   | Engineering & Construction Committee   | <b>ORIGINATING DEPARTMENT</b> | Pipeline |
| <b>ITEM</b>   | <p>A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the June 16, 2016, DuPage Water Commission Meeting</p> <p>Resolution No. R-17-16</p> | <b>APPROVAL</b>               |          |
| <p>Approval of Resolution R-17-16 would approve Work Authorization Order Number 015 to Rossi Contractors Inc. for the work necessary to install one 60" diameter butterfly valve at Butterfield Road west of Fairfield Avenue in the City of Lombard at an estimated cost of \$275,000.00. It would also approve Work Authorization Order Number 016 to John Neri Construction Co., Inc. for the work necessary to install one 60" diameter butterfly valve at Butterfield Road and Marshall Avenue in the City of Oakbrook Terrace at an estimated cost of \$305,700.00.</p> |  |                               |          |
| <p><b>MOTION:</b> To adopt Resolution No. R-17-16.</p>  |  |                               |          |

## DuPAGE WATER COMMISSION

## RESOLUTION NO. R-17-16

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN WORK AUTHORIZATION ORDERS  
UNDER QUICK RESPONSE CONTRACT QR-10/13 AT THE  
JUNE 16, 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-10.015**

**LOCATION:**

Butterfield Road west Fairfield Avenue in the City of Lombard.

**CONTRACTOR:**

Rossi Contractors, Inc.

**DESCRIPTION OF WORK:**

Provide and maintain traffic and pedestrian controls; dewater isolated section of main; expose, remove, deliver and offload existing 60" diameter valve at the Commission's Material Storage Faculty located in Elmhurst; excavate, remove and dispose of existing pipe, fittings and spoil materials; install new valve, pipe sections, fittings, and restrain joints where necessary; backfill the excavation with suitable excavated and/or virgin materials; disinfect the isolated section of main; restore all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.

**REASON FOR WORK:**

To replace a 60" diameter butterfly valve.

**MINIMUM RESPONSE TIME:**

N/A

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

N/A

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

IS  IS NOT PRIORITY WORK

**SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:**

N/A

**SUBMITTALS REQUESTED:** N/A

**SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:**

**Contractor is hereby advised that part of this work will be performed continuously and without interruption until such time that the new valve and pipe is in place, and the main has been refilled and repressurized.**

**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: \_\_\_\_\_

**WORK AUTHORIZATION ORDER**

**SHEET 1 OF 2**

**CONTRACT QR-10/13: QUICK RESPONSE CONTRACT**

**WORK AUTHORIZATION ORDER NO.: QR-10.016**

**LOCATION:**

Butterfield Road and Marshall Avenue in the City of Oakbrook Terrace.

**CONTRACTOR:**

John Neri Construction Co., Inc.

**DESCRIPTION OF WORK:**

Provide and maintain traffic and pedestrian controls; dewater isolated section of main; expose, remove, deliver and offload existing 60" diameter valve at the Commission's Material Storage Faculty located in Elmhurst; excavate, remove and dispose of existing pipe, fittings and spoil materials; install new valve, pipe sections, fittings, and restrain joints where necessary; backfill the excavation with suitable excavated and/or virgin materials; disinfect the isolated section of main; restore all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.

**REASON FOR WORK:**

To replace a 60" diameter butterfly valve.

**MINIMUM RESPONSE TIME:**

N/A

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

N/A

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

IS  IS NOT PRIORITY WORK

**SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:**

N/A

**SUBMITTALS REQUESTED:** N/A

**SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:**

Contractor is hereby advised that part of this work will be performed continuously and without interruption until such time that the new valve and pipe is in place, and the main has been refilled and repressurized.

**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: \_\_\_\_\_

DATE: June 3, 2016

## REQUEST FOR BOARD ACTION

|   |  |
|---|--|
| <b>AGENDA SECTION</b> Engineering & Construction Committee  | <b>ORIGINATING DEPARTMENT</b> Instrumentation/ Remote Facilities                                       |
| <b>ITEM</b> A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-7/15 at the June 16, 2016, DuPage Water Commission Meeting (WAO 7.005)<br><br>Resolution No. R-18-16  | <b>APPROVAL</b><br> |
| <p>Account Numbers: 01-60-663300 (\$2,000.00)</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-18-16 would approve the following Work Authorization Order under the Quick Response Electrical Contracts:</p> <p><b>Work Authorization Order No. 005:</b> This Work Authorization is to McWilliams Electric Co. Inc., and the work completed, prior to board approval and was in response to the SCADA communication antenna removed from the Willowbrook standpipe for painting. Willowbrook is floating off the Commission's pressure and having communication to that meter station is very important. A temporary 30' antenna mast and cable run has been installed until the standpipe painting is completed at which time the painting contractor will re-install the antenna on the side of the standpipe.</p> <p>The total cost for this work is estimated not to exceed \$2,000.00.</p> |  |
| <b>MOTION:</b> To adopt Resolution No. R-18-16.   |  |

## DUPAGE WATER COMMISSION

## RESOLUTION NO. R-18-16

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN WORK AUTHORIZATION ORDERS  
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-7/15  
AT THE JUNE 16, 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-7.005

#### **LOCATION:**

Meter Station 22A, 75<sup>th</sup> Street about half a mile East of Rte 83, Willowbrook Public Works

#### **CONTRACTOR:**

McWilliams Electric Co., Inc.

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

Install 30' of 3" rigid galvanized pipe vertical, secured to a 7' concrete wall to be a temporary antenna mast. At the top add a reducing coupling to 2" and a 2' of 2" rigid galvanized pipe. Temporarily install approximately 210' of ½" Helix antenna cable from J-box on outside of meter station secured to chain link fence then across a concrete wall and up the temporary antenna mast. Mount new antenna at top of mast on 2" section and connect antenna cable and waterproof connection. Work with Commission staff to aim antenna. Install a 10' copper ground rod near base of mast to ground mast. Attach helix ground kit to ground antenna cable to mast within 2' of antenna.

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

The antenna for SCADA communication from the Willowbrook meter station has been mounted on the side of Willowbrooks standpipe at an elevation of approximately 40'. The painting contractor had to remove the antenna for painting. Willowbrook has provided an alternate location for a temporary antenna mast and a path for antenna cable.

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

Completed no later than June 3<sup>rd</sup>, 2016.

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

250' – ½" Helix antenna cable  
2 – ½" Helix antenna connectors  
1 – ½" Helix antenna ground kit  
1 – 10' Copper Ground Rod

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS  IS NOT PRIORITY EMERGENCY WORK

SUBMITTALS REQUESTED:

None

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

None

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

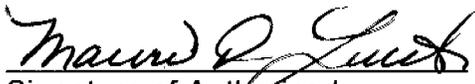
None

DUPAGE WATER COMMISSION

By:   
Signature of Authorized Representative

DATE: 5/27/16

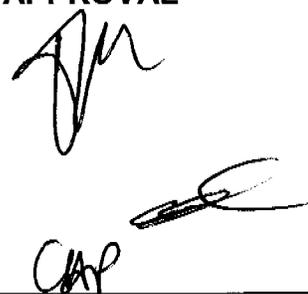
CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By:   
Signature of Authorized Representative

Safety Rep: Jerry McGlynn (847) 301-2600  
Name and 24-Hr Phone No.

DATE: 6/2/16

# REQUEST FOR BOARD ACTION

|  |  |   |
|--|--|---|
| <b>AGENDA SECTION</b>  | Engineering & Construction Committee   | <b>ORIGINATING DEPARTMENT</b> Pipeline  |
| <b>ITEM</b>  | <p>A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the June 16, 2016, DuPage Water Commission Meeting</p> <p>Resolution No. R-19-16</p> | <p><b>APPROVAL</b></p>  |
| <p>Account Number: 01-60-663100</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-19-16 would approve the following Work Authorization Orders under the Quick Response Contracts.</p> <p><b>Work Authorization Order No. 014 to John Neri Construction Co., Inc.</b> This work authorization was issued, and the work completed, prior to board approval and was necessary to repair a leak on a 16" diameter ductile iron water main located on Central Avenue and Washington Street in the City of Woodale.</p> <p>The leak was discovered during the late afternoon of Friday May 27<sup>th</sup>. Mobilization and repair work began on the morning of Saturday May 28<sup>th</sup> and service was restored at 7:00 PM that same evening.</p> <p>The estimated cost of this work is not known at this time but is estimated to range between \$50,000.00 and \$60,000.00, subject to the extent of permanent roadway restoration which is unknown at this time.</p> |  |   |
| <p><b>MOTION:</b> To adopt Resolution No. R-19-16.</p>   |  |   |

## DuPAGE WATER COMMISSION

## RESOLUTION NO. R-19-16

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN WORK AUTHORIZATION ORDERS  
UNDER QUICK RESPONSE CONTRACT QR-10/13 AT THE  
JUNE 16, 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-10.014**

**LOCATION:**

Central Avenue and Washington Street in the City of Woodale.

**CONTRACTOR:**

John Neri Construction Co., Inc.

**DESCRIPTION OF WORK:**

Provide and maintain traffic and pedestrian controls; dewater the isolated section of main; expose the source of the leak and facilitate repairs by using either repair sleeves, repair clamps, or by pipe replacement; backfill the excavation with virgin materials; disinfect the isolated section of main; restore all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.

**REASON FOR WORK:**

To repair a leak in a 16" diameter ductile iron water main.

**MINIMUM RESPONSE TIME:**

N/A

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

N/A

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

IS  IS NOT PRIORITY WORK

**SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:**

N/A

**SUBMITTALS REQUESTED:** N/A

**SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:**

Contractor is hereby advised that this work will be performed continuously and without interruption until such time that the main has been refilled and re-pressurized.

**DUPAGE WATER COMMISSION**

By:   
Signature of Authorized Representative

DATE: 5-27-16

**CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:**

By:   
Signature of Authorized Representative

Safety Rep: Anthony Neu 630 514 1718  
Name and 24-Hr Phone No.

DATE: 5/27/16