



DuPage Water Commission

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

AGENDA

ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, DECEMBER 17, 2015
6:00 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

COMMITTEE MEMBERS

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

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

RECOMMENDED MOTION: To approve the Minutes of the November 19, 2015 Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Construction/Operations
- IV. R-38-15: A Resolution Awarding Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. and Windy City Electric Company for the percentages set forth in its Contract/Proposal**)
- V. R-39-15: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**Rossi Contractors Inc. – Estimated at \$4,000.00**)
- VI. RFBA: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 29723 (**Black Box Network Services – \$37,600.00**)
- VII. RFBA: Requisition No. 29686: To Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the Purchase of Cast Iron Manhole Frames and Lids From Neenah Foundry Company (**Neenah Foundry Company – \$43,000.00**)
- VIII. Old Business
- IX. Other
- X. Adjournment

Agendas\Engineering\2015\Eng1512.docx

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

**MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, NOVEMBER 19, 2015
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS**

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

Committee members in attendance: D. Loftus, F. Saverino, and M. Scheck

Committee members absent: R. Furstenau and J. Zay

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

Commissioner Scheck moved to approve the Minutes of the October 15, 2015 Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Saverino and passed as follows:

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

Nays: None

Absent: R. Furstenau and J. Zay

Facilities Construction Supervisor Bostick provided an oral report of the Status of Construction/Operations memorandum from November 12, 2015:

Regarding the AECOM Condition Assessment, Facilities Construction Supervisor Bostick advised the Committee that the DuPage East Reservoir assessment has been completed with no major issues found. Facilities Construction Supervisor Bostick reported that since the reservoir is twenty-five (25) years old, AECOM will be making a recommendation that the reservoirs now be inspected at three to five year intervals. The West Reservoir is tentatively scheduled for inspection in December or upon completion of the East Reservoir hatch and vent replacements.

Regarding the Contract for the Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 2 and No. 4 West (Contract SS-6/15), Facilities Construction Supervisor Bostick advised the Committee that Tanksite #4 West is back in operation and work is complete at both tanks and both are fully operational. Facilities Construction Supervisor Bostick further advised the Committee that R-35-15 appears on the agenda requesting approval of Change Order No. 2 which would: revise the Contract Completion Date to October 30, 2015; balance Indeterminate Unit Price Items for a net reduction in Contract Price; grant Final Acceptance and; authorize Final Payment and; release of retainage upon receipt of all contractually required documentation.

Engineering Committee Minutes 11/19/2015

Facilities Construction Supervisor Bostick advised the Committee that the 2016 Standpipe Rehabilitation project, Rehabilitation of Coating Systems and Fall Protection Systems for Tank Sites No. 1 and No. 4 East (Contract SS-7/16) is now out for bids. Bid opening is scheduled for January 6, 2016 with tentative Board approval scheduled for the January 2016 or February 2016 meeting.

Facilities Construction Supervisor Bostick advised the Committee the Contractor, Manusos General Contracting, Inc., for Reservoir and Meter Station 19B Concrete and Miscellaneous Metals Rehabilitation is working on the DuPage Pumping Station East Reservoir hatch and vent replacements and should be completed within the next several weeks. After completion of the East Reservoir, Staff will coordinate and complete Condition Assessment activities of the West Reservoir with AECOM before releasing the West Reservoir to the Contractor for the hatch and vent replacements.

Facilities Construction Supervisor Bostick advised the Committee that Masonry, Concrete Parapet and Railing Rehabilitation Work at the DuPage Pumping Station, by Manusos General Contracting, Inc., is ongoing with completion expected by the end of November.

Regarding Instrumentation and Remote Facilities Maintenance, Facilities Construction Supervisor Bostick advised the Committee that Contract QRE-7/15, the new Quick Response Electrical contract is out for bids: Notices have been advertised in the Chicago Tribune and Daily Herald; that direct notification has been delivered to twenty-six (26) area electrical contracting firms; that a pre-bid meeting has been conducted by Staff and; bid opening is set for November 24th at 1:00 P.M.

Regarding R-34-15, Facilities Construction Supervisor Bostick advised the Committee that that Staff is seeking approval of Work Authorization Order No. 6.022 under the current Quick Response Electrical contract. This action would allow for the supply and installation of 480 volt electrical devices to monitor utility power status at the Tank Site No. 1 pump station at an estimated cost of \$3,000.00. After the installation of the monitoring equipment by the Contractor, DWC Staff would perform low voltage signal instrumentation installation work in-house.

Regarding Pipeline Maintenance, Facilities Construction Supervisor Bostick advised the Committee that Staff is working on insulating certain small diameter valves which are located in shallow underground vaults which may be susceptible to freezing.

Chairman Loftus inquired with the Committee if there were any questions regarding the Status of Operations report or action items. Hearing none, Commissioner Saverino moved to recommend approval of items 2 and 3 of the Engineering and Construction Committee portion of the Commission Agenda. Seconded by Commissioner Scheck and passed unanimously as follows:

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

Nays: None

Engineering Committee Minutes 11/19/2015

Absent: R. Furstenau and J. Zay

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

Hearing none, Commissioner Scheck moved to adjourn the meeting at 6:12 P.M. Motion seconded by Commissioner Saverino and passed unanimously as follows:

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

Nays: None

Absent: R. Furstenau and J. Zay


SP2013/MINUTES/ENGINEERING/2015/ENG151119.doc



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee 
Manager of Water Operations

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

DATE: December 10, 2015

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of November were a total of 1.902 billion gallons. This represents an average day demand of 63.4 million gallons per day (MGD), which is lower than the November 2014 average day demand of 64.5 MGD. The maximum day demand was 65.8 MGD on November 25, 2015, which is lower than the November 2014 maximum day demand of 67.6 MGD. The minimum day flow was 59.6 MGD.

The Commission's recorded total precipitation for the month of November was 4.49 inches compared to 1.41 inches for November 2014. The level of Lake Michigan for November 2015 is 579.19 (Feet IGLD 1985) compared to 579.21 (Feet IGLD 1985) for November of 2014.

Water Conservation

Ongoing: Staff is working with SCARCE to earn their Earth Flag. The process consists of a green audit, staff training in recycling and conservation, an action that involves the Commission in the community (i.e. a book drive, cleaning a creek, adopting a highway, etc.), and finally presenting the Earth Flag to the Board Members. Staff has completed the green audit and is working with SCARCE to set up a date for staff training.

Facilities Construction Overview

Condition Assessment

The Condition Assessment of the DPPS West Reservoir and Stormwater Detention Tank will coincide with the DPPS Reservoir hatch and vent work schedule.

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) is out for bids. Bid Opening is January 6th.

Manusos General Contracting, Inc. has completed the installation of the East Reservoir hatches, vents and stairway replacements. The Metering Station 19B sidewalk, stair and railing replacement is also complete. The Contractor is waiting on authorization to commence the work on the DPPS West Reservoir hatches and vents.

DuPage Pumping Station

Concrete Parapet, Masonry and Railing Rehabilitation Work at the Generator Facility Buildings are complete. A Change Order modifying the indeterminate unit items is forthcoming.

Instrumentation / Remote Facilities Overview

R-38-15 appears on the Agenda for authorization to execute Contract QRE-7/15 for quick response electrical work through the issuance of Work Authorization Orders. Five proposals were received and opened on November 24th. Staff is recommending that the proposals of both McWilliams Electric Co. Inc. and Windy City Electric Company, be executed as being the most favorable to the interests of the Commission.

Meter Shop

The Annual Customer Meter Calibration program is about 38% complete.

DPPS Telephone System

A Request for Board Action (RFBA) appears on the agenda requesting suspension of the Commission's Purchasing Procedures and to authorize the General Manager to approve Purchase Requisition No. 29723 to Black Box Network Services in an amount of \$43,000.00. The existing telephone is now considered obsolete where support and replacement parts are becoming harder to find. The new telephone system was budgeted for this fiscal year. The Commission solicited proposals and in-house demonstration from four different phone system providers, and completed an in-depth evaluation to determine which system would provide the most value, service, and flexibility to the Commission. Black Box Network Services was selected as the provider who could best satisfy the Commission communication needs. They will provide all the required telephone equipment, assist with the installation and commissioning, and provide employee training on the new telephone system.

Wireless Data Project

Staff is working on installations at various locations however; Contractor assistance will be needed for to the install wireless access points in certain locations that require resources the Commission does not have in-house.

Pipeline Maintenance and Construction Overview

Pipeline Maintenance

R-39-15 appears on the agenda requesting approval of Work Authorization Order No. 11 to Contract QR-10/13 for providing equipment and equipment operators necessary to take delivery of 2-60" diameter butterfly valves purchased pursuant to R-29-15. The Commission does not own equipment capable of lifting the approximately 8,000 pound valves. Delivery is anticipated in February of 2016.

A Request for Board Action (RFBA) appears on the agenda requesting suspension of the Commission's Purchasing Procedures and to authorize the General Manager to approve Purchase Requisition No. 29686 to Neenah Foundry Company in an amount of \$43,000.00. Neenah Foundry Company has been the sole bidder in each of the last two manhole frame and lid bid solicitations and has stated that they will honor the unit prices as submitted and accepted by Commission in June of 2014.

DECEMBER 2015 COMMISSION AGENDA ITEMS:

- R-38-15:** A Resolution Awarding Quick Response Electrical Contract QRE-7/15 (**McWilliams Electric Co., Inc. and Windy City Electric Company for the percentages set forth in its Contract/Proposal**)
- R-39-15:** A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 (**Rossi Contractors Inc. – Estimated at \$4,000.00**)
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- RFBA:** Requisition No. 29686: To Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the Purchase of Cast Iron Manhole Frames and Lids From Neenah Foundry Company (**Neenah Foundry Company – \$43,000.00**)

Attachments

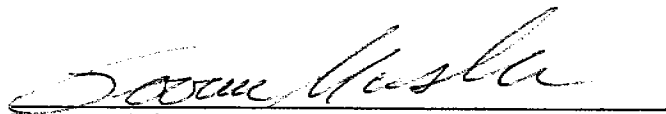
1. DuPage Laboratory Bench Sheets for November, 2015
2. Water Sales Analysis 01-September-2009 to 30-November-2015
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR NOVEMBER 2015

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.94	0.11	0.55	0.92	0.09	67	7.6	1.0	0.57	0	KD
2	0.96	0.12	0.52	0.93	0.11	67	7.6	0.9	0.55	0	KD
3	0.97	0.10	0.54	0.93	0.11	65	7.6	0.9	0.59	0	KD
4	0.96	0.10	0.54	0.94	0.10	65	7.6	0.9	0.52	0	AM
5	0.96	0.10	0.58	0.94	0.13	63	7.4	1.0	0.57	0	AM
6	0.95	0.10	0.57	0.95	0.10	64	7.5	0.9	0.54	0	AM
7	0.94	0.09	0.55	0.94	0.10	64	7.6	1.0	0.59	0	KD
8	0.94	0.11	0.56	0.93	0.09	65	7.6	1.0	0.57	0	KD
9	0.94	0.10	0.58	0.93	0.10	64	7.5	1.0	0.55	0	AM
10	0.93	0.09	0.57	0.91	0.09	64	7.5	1.0	0.55	0	KD
11	0.92	0.09	0.55	0.91	0.09	64	7.6	1.0	0.52	0	KD
12	0.94	0.09	0.57	0.91	0.09	64	7.6	0.9	0.56	0	KD
13	0.94	0.09	0.56	0.93	0.09	64	7.6	0.9	0.55	0	KD
14	0.94	0.10	0.59	0.92	0.10	63	7.6	1.0	0.57	0	AM
15	0.96	0.10	0.55	0.96	0.12	63	7.6	0.9	0.56	0	AM
16	0.94	0.08	0.56	0.93	0.10	63	7.6	0.9	0.55	0	KD
17	0.93	0.09	0.53	0.94	0.09	62	7.6	0.9	0.58	0	KD
18	0.97	0.12	0.58	0.92	0.09	62	7.6	0.9	0.57	0	AM
19	0.95	0.11	0.54	0.94	0.10	63	7.5	0.9	0.54	0	AM
20	0.95	0.08	0.54	0.95	0.09	61	7.5	0.9	0.55	0	AM
21	0.96	0.08	0.55	0.95	0.09	61	7.4	0.9	0.59	0	KD
22	0.97	0.08	0.53	0.95	0.08	61	7.6	0.9	0.55	0	KD
23	0.97	0.08	0.57	0.94	0.09	60	7.6	0.9	0.58	0	AM
24	0.98	0.08	0.57	0.96	0.08	60	7.5	0.9	0.56	0	AM
25	0.97	0.10	0.59	0.95	0.09	60	7.6	0.9	0.58	0	KD
26	0.99	0.09	0.58	0.97	0.09	60	7.5	0.9	0.56	0	KD
27	0.97	0.09	0.58	0.97	0.08	59	7.6	0.8	0.53	0	KD
28	0.97	0.11	0.55	0.96	0.08	59	7.6	0.9	0.54	0	CT
29	0.96	0.12	0.53	0.95	0.08	61	7.6	1.0	0.57	0	CT
30	0.97	0.12	0.54	0.95	0.07	61	7.6	0.8	0.59	0	RC
31											
AVG	0.95	0.10	0.56	0.94	0.09	63	7.6	0.9	0.56	0	
MAX	0.99	0.12	0.59	0.97	0.13	67	7.6	1.0	0.59	0	
MIN	0.92	0.08	0.52	0.91	0.07	59	7.4	0.8	0.52	0	



Terrance McGhee
Manager of Water Operations

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

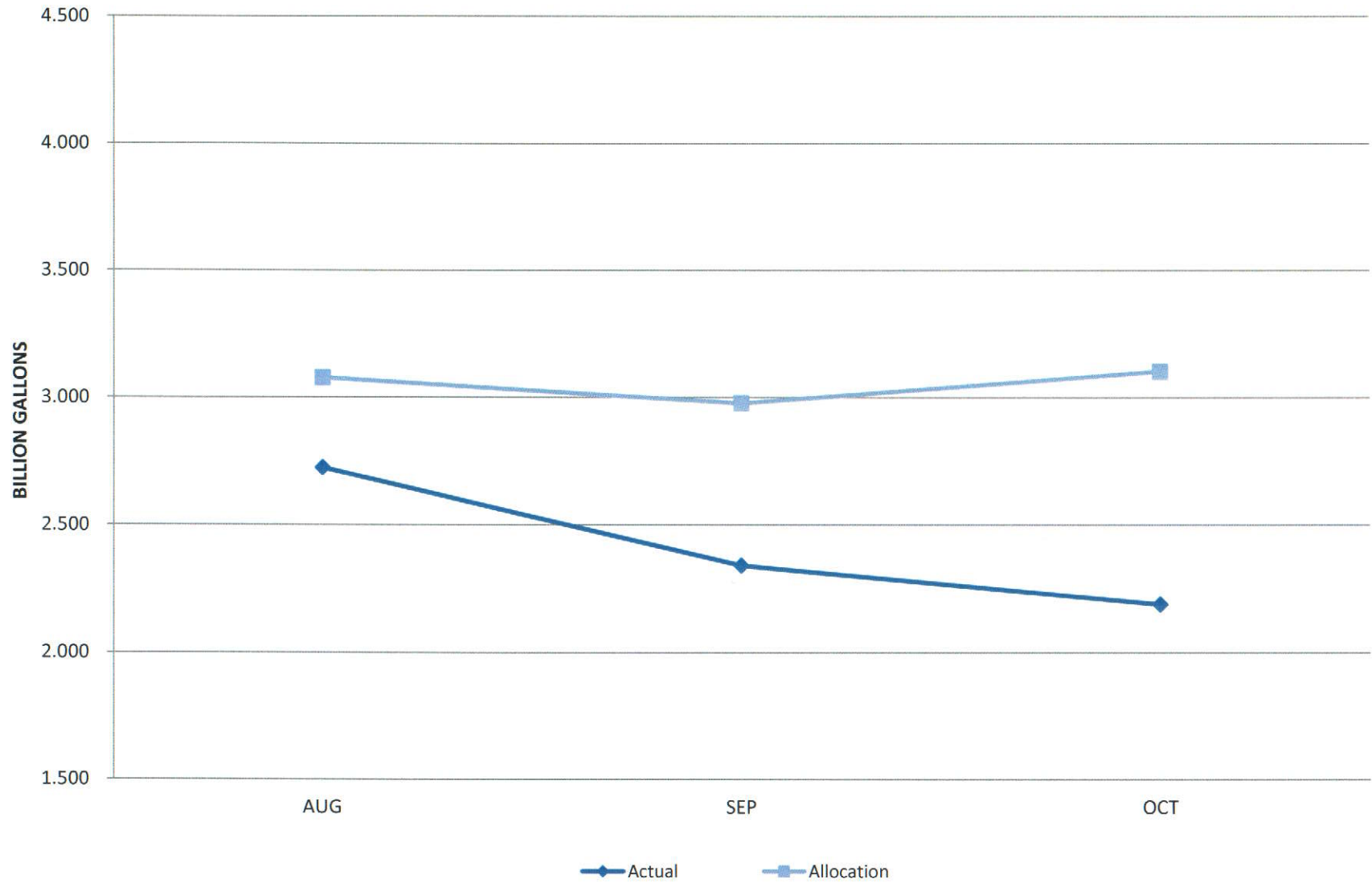
01-May-92 TO 30-Nov-15
PER DAY AVERAGE 80,118,626

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	\$6,797,060.00	675,456	0.03%	97.02%	\$3.97	\$3.316
Jan-15	2,054,769,000	2,114,481,626	97.18%	\$9,616,318.92	\$8,062,518.44	717,028	0.03%	97.21%	\$4.68	\$3.813
Feb-15	1,886,817,000	1,941,072,846	97.20%	\$8,830,303.56	\$7,401,310.76	543,923	0.03%	97.23%	\$4.68	\$3.813
Mar-15	2,094,277,000	2,161,266,992	96.90%	\$9,801,216.36	\$8,240,911.04	965,682	0.04%	96.95%	\$4.68	\$3.813
Apr-15	1,984,985,000	2,045,765,854	97.03%	\$9,289,729.80	\$7,800,505.20	10,301,376	0.50%	97.53%	\$4.68	\$3.813
May-15	2,215,394,000	2,283,051,057	97.04%	\$10,744,660.90	\$8,705,273.68	649,444	0.03%	97.06%	\$4.85	\$3.813
Jun-15	2,196,780,000	2,266,453,659	96.93%	\$10,654,383.00	\$8,641,987.80	488,148	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
TOTALS (1)	690,141,839,798	709,567,444,846	97.26%	\$1,183,860,489.13	\$1,096,408,190.24	682,534,637	0.10%	97.36%	\$1.72	\$1.545

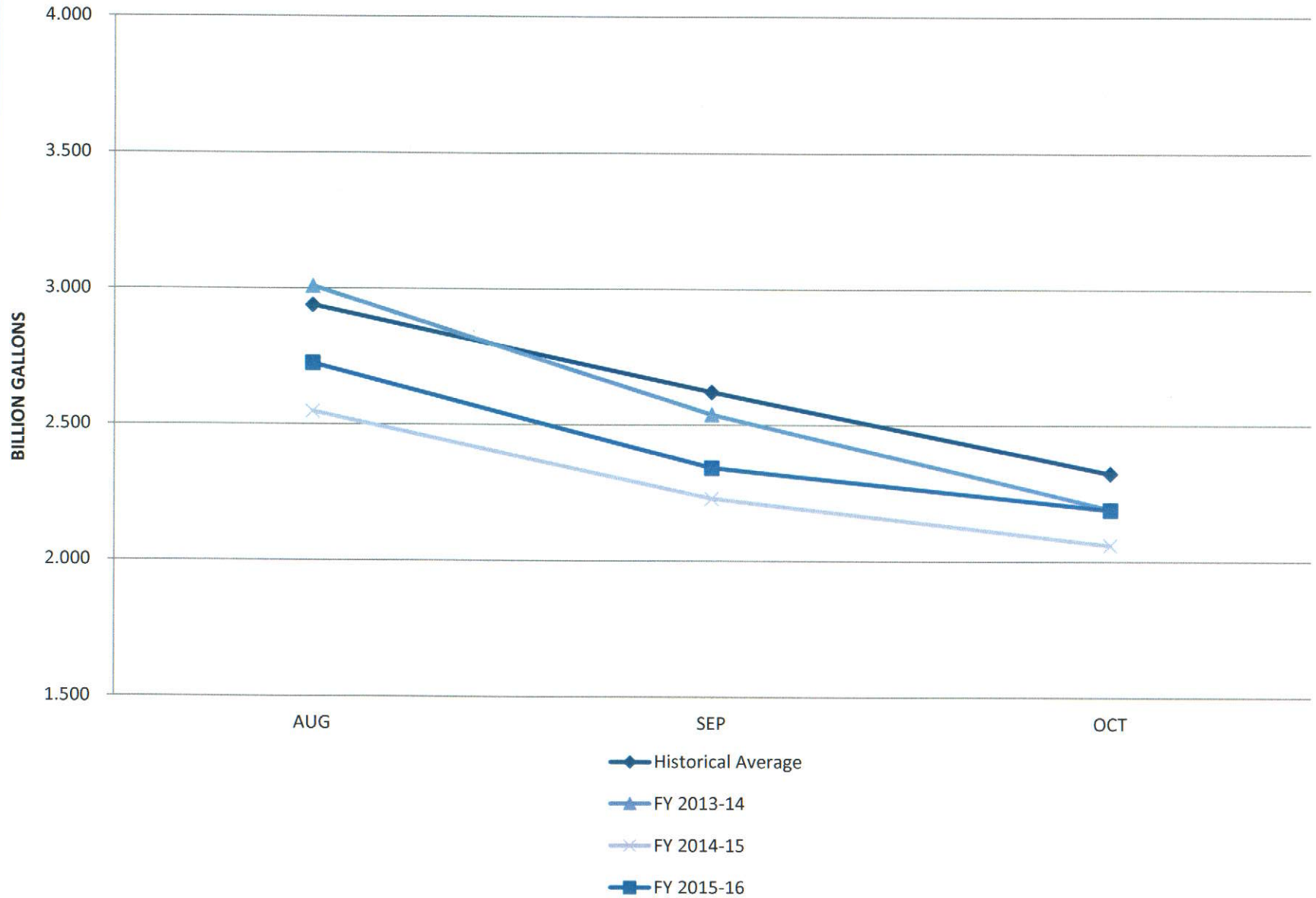
- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD										
Nov-14	15,950,730,000	16,436,416,887	97.05%	63,324,398	54,503,158				\$3.97	\$3.316
Nov-15	16,007,739,000	16,499,900,814	97.02%	77,637,534	62,914,122				\$4.85	\$3.813
	57,009,000	63,483,927		\$14,313,136	\$8,410,963					
	0.4%	0.4%		22.6%	15.4%					
Month										
Nov-14	1,930,966,000	1,981,464,656	97.45%	7,665,935	6,570,537				\$3.97	\$3.316
Nov-15	1,894,247,000	1,942,187,317	97.53%	9,187,098	7,405,560				\$4.85	\$3.813
	(36,719,000)	(39,277,339)		\$ 1,521,163	\$ 835,023					
	-1.9%	-2.0%		19.8%	12.7%					
Nov>Oct	(294,515,000)	(308,469,268)		(1,428,398)	(1,176,193)					




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



REQUEST FOR BOARD ACTION

AGENDA SECTION Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT Instrumentation/ Remote Facilities
ITEM A Resolution Awarding Quick Response Electrical Contract QRE-7/15 Resolution No. R-38-15	APPROVAL   

Account Number: 01-60-656000 and 01-60-663300

The Commission entered into certain agreements dated December 10, 2012, with Divane Bros. Electric Co. and with McWilliams Electric Co. Inc. for quick response electrical work as needed at the pump station and remote facilities through the issuance of Work Authorization Orders (Contract QRE-6/12). Contract QRE-6/12 expires December 31, 2015, and staff desires to continue to retain stand-by contractors to perform electrical work that the Commission is unable to perform through its own personnel and with its own equipment.

The Commission advertised for bids on two separate occasions in the Chicago Tribune and the Daily Herald as required by state statute. The Commission also held a pre-bid conference to review the detailed requirements for submission of bids. Emails were sent to 26 electrical contractors in the Chicago/DuPage area inviting them to bid on the Quick Response Electrical Contract. Seven firms purchased bid documents of which three were present at the recommended pre-bid conference.

Sealed bids were received until 1:00 p.m., local time, November 24, 2015 at which time all bids were publicly opened and read aloud. Of the five proposals received (see tabulation below), one bidder, Bee Liner Lean Services, the low dollar bidder was unresponsive in several ways, including failure to submit performance/payment bond and insurance commitment letters and the work history statement, which provides vital information such as work experience, references, a description of personnel and equipment and financial strength, among other things.

The proposals of the next two lowest bidders complied, in all material respects, with the requirements of the bidding documents and, therefore, staff is recommending that the proposal of McWilliams Electric Co. Inc. dated November 24, 2015 and Windy City Electric Company dated November 16, 2015, are the most favorable to the interests of the Commission.

See the tabulation below.

Resolution No. R-38-15

AGENDA SECTION	Omnibus Vote Requiring Super-Majority or Special Majority Vote	ORIGINATING DEPARTMENT	Instrumentation/ Remote Facilities
ITEM	A Resolution Awarding Quick Response Electrical Contract QRE-7/15 Resolution No. R-38-15	APPROVAL	

BIDDER	A	B	C	D	E
Bee Liner Lean Services	5%	8%	4%	10%	\$2,200
McWilliams Electric Co. Inc.	26%	10%	5%	6%	\$1,500
Windy City Electric Company	36%	10%	10%	0%	\$840
Lyons Electric Company, Inc.	50%	15%	15%	5%	\$1,000
Volt Electric, Inc.	67%	14%	5%	125%	\$5,000

- A. For labor, prevailing rate of wages/union contract wage rate plus ___%
- B. For Material and Supplies used, invoice cost plus ___%
- C. For Owned and Rented Equipment used, Bluebook price plus ___%
- D. For Priority Emergency Work, additional ___% on the sum of items A, B and C
- E. For Insurance and Bonds, \$_____ per year.

MOTION: To adopt Resolution No. R-38-15.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-38-15

A RESOLUTION AWARDDING QUICK RESPONSE
ELECTRICAL CONTRACTS QRE-7/15

WHEREAS, on October 15, 2015, the DuPage Water Commission (the "Commission") adopted Resolution No. R-32-15 being "A Resolution Directing Advertisement for Bids on a Contract for Quick Response Electrical Work ("Contract QRE-7/15") which authorized and directed the General Manager to advertise for bids for Contract QRE-7/15 in accordance with the requirements of 65 ILCS 5/11-135-5: and

WHEREAS, in full compliance with said Statute, the Commission duly advertised for bids on Contract QRE-7/15; and

WHEREAS, the Commission's "Invitation for Bids" reserved to the Commission the right to award one or more contracts for the Commission's Quick Response Electrical Contract QRE-7/15 to one or more bidders; and

WHEREAS, based upon staffs review of the proposals received, and the staff's recommendation to the Board of Commissioners of the DuPage Water Commission, the Board of Commissioners has determined that that (a) the lowest bid is unresponsive due to material variances from the bid specifications, and (b) the proposal of McWilliams Electric Co. Inc. and the proposal of Windy City Electric Company are the most favorable and in the best interests of the Commission.

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

SECTION ONE: The foregoing recitals are hereby incorporated herein as findings of the DuPage Water Commission.

Resolution No. R-38-15

SECTION TWO: The DuPage Water Commission hereby rejects the bid of Bee Liner Lean Services Inc. and awards a contract for the DuPage Water Commission Quick Response Electrical Contract QRE-7/15 to each of McWilliams Electric Co. Inc. and Windy City Electric Company, in accordance with their respective proposals, conditioned upon the receipt of all contractually required documentation.

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

AYES:

NAYS:

ABSENT:

ADOPTED THIS ____ DAY OF _____, 2015.

Chairman

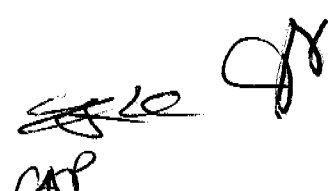
ATTEST:

Clerk

Board/Resolutions/R-38-15.docx

DATE: December 9, 2015

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline				
ITEM	A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-10/13 at the December 17, 2015, DuPage Water Commission Meeting Resolution No. R-39-15	APPROVAL					
Account Number: 01-60-663100							
<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-39-15 would approve the following Work Authorization Orders under the Quick Response Contracts.</p> <p>Work Authorization Order No. 011 to Rossi Contractors Inc. This work is necessary in order to facilitate the delivery of 2- 60" diameter butterfly valves to the Commission's Material Storage Facility.</p> <p>The Board approved the purchase of 2- 60" diameter butterfly valves pursuant to R-29-15, A Resolution Awarding a Contract to Furnish 60" Resilient Seat Flanged Butterfly Valves. The Commission does not own, nor have personnel trained in the operation of, equipment capable of lifting the approximately 8,000 lb. weight of each valve. As a result, Staff contacted the Commission's QR-10/13 contractors and requested estimates for off-loading the valves, and the results of those estimates are listed in the table below.</p> <table border="1"><tr><td>Rossi Contractors Inc.</td><td>\$4,000.00</td></tr><tr><td>John Neri Construction Co Inc.</td><td>\$4,200.00</td></tr></table> <p>Delivery of the valves is expected sometime in February of 2016 and Staff wishes to have an approved Work Authorization Order for off-loading the valves in place prior to the anticipated delivery date.</p> <p>Approval of Resolution R-39-15 would approve Work Authorization Order Number 011 for the work necessary to off-load and place within designated storage areas of the Commission's Material Storage Facility; 2- 60" diameter butterfly valves. The exact cost of this work is not known but is estimated to be \$ 4,000.00</p>				Rossi Contractors Inc.	\$4,000.00	John Neri Construction Co Inc.	\$4,200.00
Rossi Contractors Inc.	\$4,000.00						
John Neri Construction Co Inc.	\$4,200.00						
MOTION: To adopt Resolution No. R-39-15.							

DUPAGE WATER COMMISSION

RESOLUTION NO. R-39-15

A RESOLUTION APPROVING AND RATIFYING
CERTAIN WORK AUTHORIZATION ORDERS
UNDER QUICK RESPONSE CONTRACT QR-10/13 AT THE
DECEMBER 17, 2015, DUPAGE WATER COMMISSION MEETING

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

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

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

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

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

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

Resolution No. R-39-15

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

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

AYES:

NAYS:

ABSENT:

ADOPTED this ____ day of _____, 2015.

Chairman

ATTEST:

Clerk

Board/Resolutions/R-39-15.docx

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-10/13: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-10.011

LOCATION:

DuPage Water Commission's Material Storage Facility.

CONTRACTOR:

Rossi Contractors Inc.

DESCRIPTION OF WORK:

Provide all labor and equipment necessary to offload and place for storage; 2- 60" diameter butterfly valves within designated areas of the Commission's Material Storage Facility.

REASON FOR WORK:

To facilitate the delivery of butterfly valves.

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: N/A

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: December 10, 2015

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering and Construction Committee	ORIGINATING DEPARTMENT	Instrumentation / Remote Facilities
ITEM	Requisition No. 29723	APPROVAL	<i>[Handwritten initials]</i>

Account Number: 01-60-771800

Attached is Requisition No. 29723 in the amount of \$37,600.00 to Black Box Network Services to provide telephone equipment, assist with the installation, commission, and train on the new telephone system for the Commission. The existing Nortel phone system was installed over ten years ago and is now considered obsolete. Support and replacement parts are becoming harder to find. While the system is still functioning staff budgeted to replace the system this fiscal year.

Staff contacted four different telephone system providers for options to replace the Commission's outdated system. The new phone system should contain the latest features and functionality needed to address the Commission's current and future needs, minimize the installation/construction costs, minimize transition time and downtime, etc. The system providers presented their best options to the Commission and demonstrated the phone system functions and features. Three of the system providers recommended a hybrid system that can use digital and/or IP technology telephone sets. The fourth system provider recommended a system that is completely hosted in the cloud dependent on the Internet and IP telephone sets only which would require upgrading the building cabling from the original Category 3 to 6 type of cabling. This option has a very low initial cost for equipment; however, the annual cost makes it much more expensive than any of the other solutions. Of the three system providers recommending a hybrid system, the NEC solution by Black Box Network Services is not only the lowest total cost option, but also the phone functionality is no different if digital or IP based. Some features and functionality were limited using digital phones with the other two phone system providers.

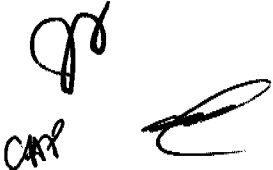
The following table shows the costs of the four systems including installation assistance, commissioning, training, and service agreements for the first five years.

Vendor Name	Type of Phone System	Total Cost for 5 Years
Black Box Network Services	NEC	\$37,600.00
Grapevine Telephone	Alcatel - Lucent	\$39,164.24
Medlin Communications, Inc.	Avaya	\$60,329.72
Vonage Business	Nextiva	\$89,442.00

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

MOTION: To suspend the purchasing procedures of the Commission's By-Laws and authorize the General Manager to approve Requisition No. 29723 in the amount of \$37,600.00 to Black Box Network Services.

REQUEST FOR BOARD ACTION

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline
ITEM	To Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the Purchase of Cast Iron Manhole Frames and Lids From Neenah Foundry Company	APPROVAL	
			

Account No: 01-60-663700

Ordinance O-2-15, adopted by the Board at the April 16, 2015 Commission meeting, approved a Management Budget for Fiscal Year 2015-2016 which includes the purchase of two different types of cast iron frames and lids in the aggregate budgeted amount of \$44,100.00.

Resolution R-17-14, approved by the Board at the June 19, 2014, awarded Neenah Foundation Company a unit price contract to furnish and deliver these two different types of cast iron frames and lids, but the contract has expired.

In the last few years, Staff has twice solicited proposals to furnish cast iron manhole frames and lids by posting a notice on the Commission's web site, and by sending direct invitation letters to various cast iron foundries. And each time, the bid solicitation process has concluded with the bid proposal of Neenah Foundry Company as being the sole bid received.

The lack of bidders may be due to several reasons. One reason may be that the size and type of these particular frames and lids are unlike those commonly found in municipal water systems and as such may limit the number of foundries that are willing to produce them. The other reason may be that Neenah Foundry Company is already in possession of the requisite castings having used them on previous Commission frame and lid supply contracts. Having these castings at their disposal may result in a lower per unit cost when compared to others that would most likely incorporate the cost of making new castings in their per unit cost.

Neenah Foundry Company has stated that they will continue to honor the unit prices contained in their last contract with the Commission. Staff believes that it is in the best interest of the Commission to continue to purchase replacement manhole frames and lids from Neenah Foundry Company at same unit price costs and the new quantities listed in the table below.

Type of Casting	Number of Units	Unit Cost	Total
R-1757-G (Air Release)	30 each	\$1,040.00	\$36,400.00
R-6462-RH (Blow-Off)	20 Each	\$330.00	\$6,600.00

As provided for under Article XII Section 3 of the Commission's By-laws, Staff is requesting to suspend the purchasing procedures of Article VIII Section 4 and authorize approval of Purchase Requisition 29686 to Neenah Foundry Company in an amount totaling to \$43,000.00.

AGENDA SECTION	Engineering & Construction Committee	ORIGINATING DEPARTMENT	Pipeline
ITEM	To Suspend the Purchasing Procedures of the Commission's By-Laws and Authorize the Purchase of Cast Iron Manhole Frames and Lids From Neenah Foundry Company	APPROVAL	
MOTION: To Suspend the Purchasing Procedures of the Commission's By-Laws and to authorize Purchase Requisition No. 29686 in the amount of \$43,000.00 to Neenah Foundry Company.			