



# Memorandum

To: Board Members

Date: February 2, 2018

From: Nicholas Noce

Subject: **Regular Board Meeting – Thursday, February 8, 2018 9:30 a.m.**  
**at 475 Norris Drive – Board Room**

---

## Agenda Items:

### 1. Personnel Items:

- Resolutions marking Retirements: Daniel Bocach, Michael Nicolosi and Mark Bernard; we appreciate their many years of dedicated service to the Authority and wish each of them a happy and fulfilling retirement.
- Confirm the promotional appointment of Julianna Papineau to the title of Office Clerk III. Recommendation memorandum for this appointment is enclosed for Board review. Ms. Papineau is reachable on the promotional Civil Service Exam list for this title.

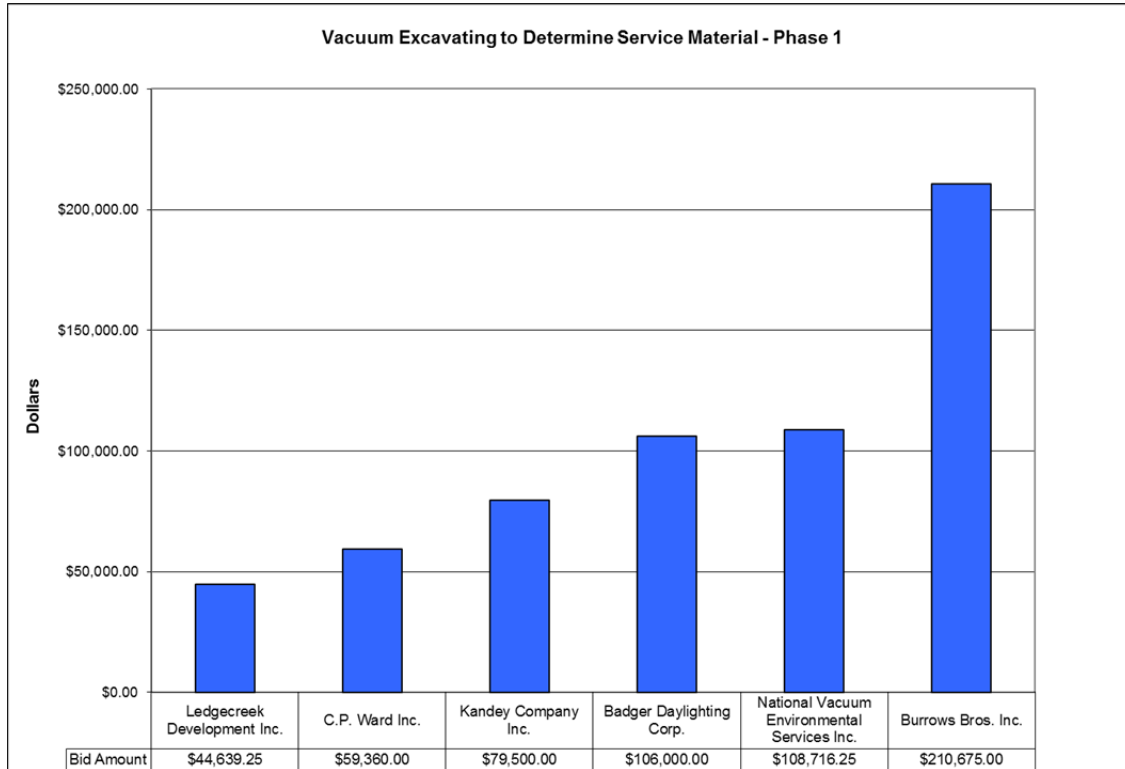
2. There is an item on the agenda to authorize an amendment to two existing agreements with Modis E&T, LLC to accommodate a name change to Modis Inc. These agreements were previously authorized by the Board in resolutions #17-198 and #17-246 to provide temporary staffing in the Engineering Department. Since the execution of these agreements, Modis, Inc. has undergone internal restructuring and has absorbed portions of Modis E&T, LLC.
3. There is an item on the agenda to authorize the execution of a Professional Services Agreement with Vision Associates of Rochester DBA Rochester Optical to supply Prescription Safety Glasses.

Requests for Qualifications and Proposals were sent to five (5) firms. One responsive Qualifications Statement and Proposal was received, from Vision Associates of Rochester DBA Rochester Optical; no other firms responded. Staff has reviewed their qualifications statement submitted and determined they are qualified to perform these services. Vision Associates of Rochester DBA Rochester Optical is located in Rochester, NY and has provided these services for the Water Authority in the past. Estimated cost for these services is \$5,000 per year.

4. There is an item on the agenda to authorize amending the Professional Services Agreement with Arcadis for their engineering services for Generator Optimization Project. In March 2017 Arcadis was selected for this project and was authorized to complete the study and preliminary design phases. Based on the results of that work the 2018 Budget includes funding for the implementation of the first phase of the recommendations:
- A new house generator with uninterrupted power supply at the Shoremont WTP to feed the SCADA control room and business network's disaster recovery equipment room.
  - Relocation of Webster WTP house generator to the Lee Road Pump Station and replacing the WWTP generator with a smaller unit.

The budget for the design and bidding phases is \$295,000. The proposed amendment will incorporate the hourly billing rate schedule for Arcadis construction phase engineering, inspection and commissioning staff for the project's implementation.

- There is an item on the agenda to award a unit price contract for the Vacuum Excavating to Determine Service Material – Phase 1 Project. The project involves using vacuum excavating to determine company and customer service materials at approximately 265 curb stops on streets in Webster and Pittsford. There were six bids submitted. Our recommendation is to award this contract to Ledge Creek Development, Inc. in the bid amount of \$44,639.25.



- There is an item on the agenda to authorize the use of the County Contract for Rental of Traffic Control Devices. The equipment rented under this contract will initially be used in conjunction with the Vacuum Excavating to Determine Service Material project and as needed for maintenance and protection of traffic by Operations. Comet Flasher, Inc. holds the current contract.
- There is an item on the agenda to authorize the use of the County Contract for General Construction Term Services (construction trades labor). C.P. Ward holds the current contract.
- As part of the Water Authority’s replacement program for its heavy equipment, there is an item on this agenda for the purchase of one (1) New 2018 Caterpillar Wheel Loader, under NYS OGS NJPA Contract #PC66988, PGB-22792, Group 40625 Heavy Equipment – from Caterpillar Inc. (authorized reseller per OGS contract is Milton Caterpillar, Batavia NY), at an approximate net delivered cost of \$156,263.18 with the trade-in of one (1) MCWA unit #085 JD54TC Loader.
- There are five (5) items on the agenda to authorize unit price contracts in purchasing specific brand name Hydrant Parts (Kennedy, Mueller, U.S. Pipe, Clow/Eddy, A.P. Smith), each from the low responsive, responsible bidder – Core & Main LP. Hydrant parts to be purchased throughout the year on an as-needed basis. These are one-year unit price contracts with the option with the option to renew for up to four additional one-year terms upon mutual consent. Recommendation memos and bid tabulation sheets for these agenda items are enclosed for Board review.

10. There is an item for authorization of a unit price contract for the purchase of Valve Boxes and Lids from low responsive, responsible bidder, Blair Supply Corp., with a total bid price of \$37,462; quantities based on one year's estimated usage. These materials to be purchased on as-needed basis. This is a one year unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. Recommendation memo and bid tabulation sheets are enclosed for review.
11. There is an item on the agenda to approve Standardization of Large Water Meters to the Neptune Technology Group for MCWA's large meter program. Please see enclosed for Board review, a detailed recommendation memorandum for this item from Mr. Gregg Ippolito, the Authority's Meter Services Supervisor.
12. The Authority's standard procurement compliance resolution.

***There may be additional items placed on the agenda not finalized for this mailing.***

**Board Discussion / Notification Items:**

- Renewal on Standardization of Small Meters. Staff recommendation (memorandum January 8, 2018) to continue with the current Standardization of Small Meters with Neptune Technology Group brand Automatic Meter Reading (AMR) Meters.
- Notification of proposed recipients of Request for Qualifications and Proposals (RFQ/Ps) from engineering firms to undertake various Production & Transmission projects during 2018.
- In Board folders (along with any routine monthly informational updates):
  - ABO performance evaluation confidential survey forms to each Board Member for compilation by the Governance Committee to be submitted to the ABO.
  - Perfect Attendance List 2017 – MCWA Employees with no sick time used throughout year 2017.

***There may be additional items presented for discussion and/or notification.***

Enclosures

cc: Department Heads



To: Raymond Benschhoff Date: 01/31/2018  
From: Karin Anderson File: WA 011804  
Subject: **Recommendation for Bid Award  
February 8, 2018 Board Meeting** Copies: M. Quattrone

Bids were received on January 29, 2018, for **Kennedy Hydrant Parts**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Core & Main, LP** in the amount of **\$32,993.46**.

We also received a bid from Blair Corporation in the amount of \$33,470.

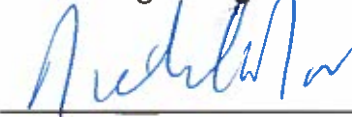
I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka

Attachment: Bid tabulation

~~(Dis)~~ Approved by  2-2-18  
Department Head Date

~~(Dis)~~ Approved by  1/31/18  
Purchasing Manager Date

~~(Dis)~~ Approved by  2/1/18  
Executive Director Date

(Dis) Approved by \_\_\_\_\_  
Executive Assistant/Board Date

## Monroe County Water Authority MCWA 011804 – Kennedy Hydrant Parts

					No Bid	No Bid
Item No	Qty	Description	(1) BLAIR SUPPLY CORP.	(2) CORE & MAIN, LP	(3) T. MINA SUPPLY, INC.	(4) F.W. WEBB COMPANY
1	1	Kennedy 5" 1280 Series Drain Valve	\$225.00	\$217.14	\$0.00	\$0.00
2	1	Kennedy 4-1/2" 1280 Series Drain Valve	\$190.00	\$184.93	\$0.00	\$0.00
3	1	Kennedy 5" 1280 Series Seat Ring	\$240.00	\$233.97	\$0.00	\$0.00
4	1	Kennedy 4-1/2" 1280 Seat Ring	\$216.00	\$209.26	\$0.00	\$0.00
5	1	Kennedy 4" 1280 Series Seat Ring	\$175.00	\$170.88	\$0.00	\$0.00
6	200	Kennedy 5-1/4" Main Valve #K-8131	\$12,800.00	\$12,612.00	\$0.00	\$0.00
7	20	Kennedy 4-1/2" Main Valve #K-8131	\$1,040.00	\$1,042.80	\$0.00	\$0.00
8	20	Kennedy K-81 5-1/4" Seat Ring #K-8128	\$2,300.00	\$2,233.60	\$0.00	\$0.00
9	12	Kennedy K-11 5-1/4" Seat Ring #K-1132	\$2,904.00	\$2,887.08	\$0.00	\$0.00
10	4	Kennedy K-11 4-1/2" Seat Ring #K-1132	\$968.00	\$962.36	\$0.00	\$0.00
11	24	Kennedy K-81 5-1/4" Drain Valve #K-8136	\$2,424.00	\$2,367.36	\$0.00	\$0.00
12	10	Kennedy K-11 5-1/4" Drain Valve #K-1130	\$1,870.00	\$1,831.80	\$0.00	\$0.00
13	10	Kennedy K-11 4-1/2" Drain Valve #K-1130	\$1,870.00	\$1,831.80	\$0.00	\$0.00
14	4	Kennedy K-81 Op. Stem Nut #K-8102	\$348.00	\$342.44	\$0.00	\$0.00
15	2	Kennedy K-11 Op. Stem Nut #K-1102	\$480.00	\$471.62	\$0.00	\$0.00
16	1	Kennedy K-81 5" Steamer Pump Nozzle	\$110.00	\$106.75	\$0.00	\$0.00
17	24	Kennedy K-81 2-1/2" Hose Nozzle	\$1,200.00	\$1,166.88	\$0.00	\$0.00
18	10	Kennedy K-81 Upper Stem #K-8114	\$800.00	\$785.60	\$0.00	\$0.00
19	2	Kennedy K-11 Upper Stem #K-1118	\$320.00	\$310.32	\$0.00	\$0.00
20	50	Kennedy K-11 5-1/4" Seat Ring Gasket	\$1,050.00	\$1,025.50	\$0.00	\$0.00
21	21	Kennedy K-11 4-1/2" Seat Ring Gasket	\$1,050.00	\$1,025.50	\$0.00	\$0.00
22	1	Kennedy K-81 Lower Stem #K-8123	\$82.00	\$85.97	\$0.00	\$0.00
23	1	Kennedy K-11 Lower Stem #K-1124	\$82.00	\$183.86	\$0.00	\$0.00
24	6	Kennedy K-81 Stem Break Cplg. #K-8116	\$234.00	\$228.30	\$0.00	\$0.00
25	6	Kennedy K-11 Stem Break Cplg. #K-1120	\$492.00	\$475.74	\$0.00	\$0.00
<b>Total Bid</b>			<b>\$33,470.00</b>	<b>\$32,993.46</b>	<b>\$0.00</b>	<b>\$0.00</b>



To: Raymond Benschoff  
Date: 01/31/2018  
From: Karin Anderson  
File: WA 011805  
Subject: **Recommendation for Bid Award  
February 8, 2018 Board Meeting**  
Copies: M. Quattrone

Bids were received on January 29, 2018, for **Mueller Hydrant Parts**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Core & Main, LP** in the amount of **\$19,972.21**.

We also received a bid from Blair Corporation in the amount of \$20,851.

I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka

Attachment: Bid tabulation

(Dis)Approved by *John Hill* 2-2-18  
Department Head Date

(Dis)Approved by *Karin Anderson* 1/31/18  
Purchasing Manager Date

(Dis)Approved by *Richard Moore* 2/1/18  
Executive Director Date

(Dis)Approved by \_\_\_\_\_  
Executive Assistant/Board Date

**Monroe County Water Authority  
MCWA 011805 – Mueller Hydrant Parts**

			<b>No Bid</b>		<b>No Bid</b>	
<b>Item No</b>	<b>Qty</b>	<b>Description</b>	<b>(1) BLAIR SUPPLY CORP.</b>	<b>(2) T. MINA SUPPLY, INC.</b>	<b>(3) CORE &amp; MAIN, LP</b>	<b>(4) F.W. WEBB COMPANY</b>
1	4	Mueller Improved 5-1/4" Seat Ring #H-87	\$964.00	\$0.00	\$909.36	\$0.00
2	6	Mueller Super Centurion 5-1/4" Seat Ring	\$1,386.00	\$0.00	\$1,303.62	\$0.00
3	2	Mueller Improved 4-1/2" Seat Ring #H-87	\$384.00	\$0.00	\$360.52	\$0.00
4	1	Mueller Super Centurion 4-1/2" Seat Ring	\$185.00	\$0.00	\$172.23	\$0.00
5	6	Mueller Improved 4-1/4" Seat Ring #H-87	\$1,152.00	\$0.00	\$1,081.56	\$0.00
6	2	Mueller Improved 5-1/4" Upper Valve Plate	\$350.00	\$0.00	\$329.44	\$0.00
7	4	Mueller Super Centurion 5-1/4" Upper Plate	\$620.00	\$0.00	\$599.72	\$0.00
8	1	Mueller Improved 4-1/2" Upper Valve Plate	\$160.00	\$0.00	\$151.35	\$0.00
9	1	Mueller Super Centurion 4'1/2" Upper Plate	\$146.00	\$0.00	\$139.06	\$0.00
10	4	Mueller Improved 4-1/4" Upper Valve Plate	\$644.00	\$0.00	\$605.40	\$0.00
11	24	Mueller Super Centurion 5-1/4" Main Valve	\$3,000.00	\$0.00	\$2,935.92	\$0.00
12	30	Mueller Improved 5-1/4" Main Valve #H-88	\$3,750.00	\$0.00	\$3,669.90	\$0.00
13	12	Mueller 4-1/2" Main Valve #H-88 & #A-45	\$1,272.00	\$0.00	\$1,211.52	\$0.00
14	30	Mueller Improved 4-1/4" Main Valve #H-88	\$2,610.00	\$0.00	\$2,459.70	\$0.00
15	1	Mueller Improved Upper Stem #H-103	\$155.00	\$0.00	\$144.71	\$0.00
16	2	Mueller Improved Upper Stem #H-74	\$310.00	\$0.00	\$289.42	\$0.00
17	4	Mueller Super Centurion Upper Stem #A-11	\$580.00	\$0.00	\$553.52	\$0.00
18	1	Mueller Super Centurion 5" Pump Nozzle	\$193.00	\$0.00	\$181.28	\$0.00
19	2	Mueller Super Centurion 2-1/2" Hose Nozz.	\$120.00	\$0.00	\$112.82	\$0.00
20	2	Mueller Super Centurion Lock Down Nut	\$106.00	\$0.00	\$99.28	\$0.00
21	2	Mueller Hydrant Oil #A-51 (Gallon Jug)	\$85.00	\$0.00	\$100.00	\$0.00
22	50	Mueller 4-1/4" Metallic Gaskets #H-86	\$555.00	\$0.00	\$529.50	\$0.00
23	50	Mueller 4-1/2" Metallic Gaskets #H-86	\$555.00	\$0.00	\$529.50	\$0.00
24	50	Mueller 5-1/4" Metallic Gaskets #H-86	\$905.00	\$0.00	\$878.00	\$0.00
25	2	Mueller Super Centurion Op. Nut #A-1	\$332.00	\$0.00	\$312.44	\$0.00
26	2	Mueller Improved Op. Nut #H-51	\$332.00	\$0.00	\$312.44	\$0.00
<b>Total Bid</b>			<b>\$20,851.00</b>	<b>\$0.00</b>	<b>\$19,972.21</b>	<b>\$0.00</b>



To: Raymond Benschoff  
Date: 01/31/2018  
From: Karin Anderson  
File: WA 011807  
Subject: **Recommendation for Bid Award  
February 8, 2018 Board Meeting**  
Copies: M. Quattrone

Bids were received on January 29, 2018, for **U.S. Pipe Hydrant Parts**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Core & Main, LP** in the amount of **\$10,653.59**.

No other bids were received.


I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka

Attachment: Bid tabulation

Approved by  2-2-18  
Department Head Date

Approved by  1/31/18  
Purchasing Manager Date

Approved by  2/1/18  
Executive Director Date

(Dis)Approved by \_\_\_\_\_  
Executive Assistant/Board Date



**Monroe County Water Authority  
MCWA 011807 – U.S. Pipe Hydrant Parts**

Item No	Qty	Description	<b>No Bid</b>			
			<b>(1) BLAIR SUPPLY CORP.</b>	<b>(2) T. MINA SUPPLY, INC.</b>	<b>(3) CORE &amp; MAIN, LP</b>	<b>(4) F.W. WEBB COMPANY</b>
1	6	US Pipe M-250 5-1/4" Seat Ring #42	\$0.00	\$0.00	\$1,334.16	\$0.00
2	2	US Pipe M-94 5-1/4" Seat Ring #42	\$0.00	\$0.00	\$483.94	\$0.00
3	30	US Pipe M-250 5-1/4" Main Valve #44	\$0.00	\$0.00	\$1,749.60	\$0.00
4	10	US Pipe M-94 5-1/4" Main Valve #44	\$0.00	\$0.00	\$584.40	\$0.00
5	12	US Pipe M-250 5-1/4" Valve Top Plate #35	\$0.00	\$0.00	\$2,525.04	\$0.00
6	2	US Pipe M-94 5-1/4" Valve Top Plate #35	\$0.00	\$0.00	\$420.84	\$0.00
7	12	US Pipe Revolving Nut #13	\$0.00	\$0.00	\$2,000.52	\$0.00
8	4	US Pipe 2-1/2" Hose Nozzle #19	\$0.00	\$0.00	\$349.64	\$0.00
9	4	US Pipe Hold Down Nut #6	\$0.00	\$0.00	\$182.56	\$0.00
10	1	US Pipe 5" Pumper Nozzle #15	\$0.00	\$0.00	\$233.05	\$0.00
11	2	US Pipe M-250 Valve Rod Upper #24	\$0.00	\$0.00	\$394.92	\$0.00
12	2	US Pipe M-94 Valve Rod Upper #24	\$0.00	\$0.00	\$394.92	\$0.00
<b>Total Bid</b>			<b>\$0.00</b>	<b>\$0.00</b>	<b>\$10,653.59</b>	<b>\$0.00</b>



To: Raymond Benschoff Date: 01/31/2018  
 From: Karin Anderson File: WA 011806  
 Subject: **Recommendation for Bid Award  
 February 8, 2018 Board Meeting** Copies: M. Quattrone

Bids were received on January 29, 2018, for **Clow/Eddy Hydrant Parts**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Core & Main, LP** in the amount of **\$6,340.67**.

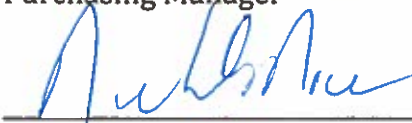
We also received a bid from T. Mina Supply in the amount of \$9,553.

I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka  
Attachment: Bid tabulation

(Dis)Approved by  2-2-18  
 Department Head Date

(Dis)Approved by  1/31/18  
 Purchasing Manager Date

(Dis)Approved by  2/1/18  
 Executive Director Date

(Dis)Approved by \_\_\_\_\_  
 Executive Assistant/Board Date

**Monroe County Water Authority  
MCWA 011806 – Clow/Eddy Hydrant Parts**

			<b>No Bid</b>		<b>No Bid</b>	
<b>Item No</b>	<b>Qty</b>	<b>Description</b>	<b>(1) BLAIR SUPPLY CORP.</b>	<b>(2) T. MINA SUPPLY, INC.</b>	<b>(3) CORE &amp; MAIN, LP</b>	<b>(4) F.W. WEBB COMPANY</b>
1	2	Clow 2500 5-1/4" Valve Seat Ring #27	\$0.00	\$728.00	\$478.22	\$0.00
2	1	Clow 2500 4-1/2" Valve Seat Ring #27	\$0.00	\$315.00	\$206.93	\$0.00
3	6	Clow 2500 5-1/4" Valve Seat Rubber #24	\$0.00	\$354.00	\$232.62	\$0.00
4	2	Clow 2500 5-1/4" Upper Valve Plate #16	\$0.00	\$468.00	\$341.60	\$0.00
5	1	Clow 2500 Operating Nut #1	\$0.00	\$201.00	\$132.05	\$0.00
6	2	Clow 2500 2-1/2" Hose Nozzle #38	\$0.00	\$276.00	\$181.32	\$0.00
7	1	Clow 2500 5" Steamer Nozzle #38	\$0.00	\$303.00	\$199.05	\$0.00
8	2	Clow Medallion 2-1/2" Hose Nozzle #41	\$0.00	\$276.00	\$181.32	\$0.00
9	1	Eddy F-2640 5-1/4" Valve Rubber #24	\$0.00	\$72.00	\$47.30	\$0.00
10	1	Eddy F-2640 4-1/2" Valve Rubber #24	\$0.00	\$40.00	\$26.28	\$0.00
11	1	Eddy F-2640 4" Valve Rubber #24	\$0.00	\$40.00	\$26.28	\$0.00
12	12	Eddy F-2640 Packing Nut #3	\$0.00	\$696.00	\$457.20	\$0.00
13	12	Eddy F-2640 5-1/4" Drain Support #37	\$0.00	\$1,356.00	\$890.88	\$0.00
14	10	Eddy F-2640 4-1/2" Drain Support #37	\$0.00	\$1,130.00	\$742.40	\$0.00
15	6	Eddy F-2640 Upper Stem #19	\$0.00	\$1,950.00	\$1,281.00	\$0.00
16	50	Eddy F-2640 Rubber Packing #4	\$0.00	\$1,000.00	\$687.50	\$0.00
17	12	Eddy F-2640 Operating Nut #2	\$0.00	\$348.00	\$228.72	\$0.00
<b>Total Bid</b>			\$0.00	\$9,553.00	\$6,340.67	\$0.00



To: Raymond Benschoff Date: 01/31/2018  
 From: Karin Anderson File: WA 011803  
 Subject: **Recommendation for Bid Award** Copies: M. Quattrone  
**February 8, 2018 Board Meeting**

Bids were received on January 29, 2018, for **A.P. Smith Hydrant Parts**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Core & Main, LP** in the amount of **\$3,051.56**.

No other bids were received.

I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka  
Attachment: Bid tabulation

~~(Dis)~~ Approved by *Jh Hill* 2-2-18  
 Department Head Date

~~(Dis)~~ Approved by *Karin Anderson* 1/31/18  
 Purchasing Manager Date

~~(Dis)~~ Approved by *A. C. [Signature]* 2/2/18  
 Executive Director Date

(Dis) Approved by \_\_\_\_\_  
 Executive Assistant/Board Date

**Monroe County Water Authority  
MCWA 011803 – A.P. Smith Hydrant Parts**

Item No	Qty	Description	No Bid	No Bid	No Bid	No Bid
			(1) BLAIR SUPPLY CORP.	(2) T. MINA SUPPLY, INC.	(3) CORE & MAIN, LP	(4) F.W. WEBB COMPANY
1	1	AP Smith "S" Series Operating Nut	\$0.00	\$0.00	\$200.70	\$0.00
2	1	AP Smith "S" Series Lock Down Nut	\$0.00	\$0.00	\$52.84	\$0.00
3	1	AP Smith "S" Series 5" Seat Ring	\$0.00	\$0.00	\$289.71	\$0.00
4	1	AP Smith "S" Series 4-1/2" Seat Ring	\$0.00	\$0.00	\$289.71	\$0.00
5	1	AP Smith "S" Series 4-1/4" Seat Ring	\$0.00	\$0.00	\$289.71	\$0.00
6	10	AP Smith "S" Series 5" Main Valve	\$0.00	\$0.00	\$809.30	\$0.00
7	2	AP Smith "S" Series 4-1/2" Main Valve	\$0.00	\$0.00	\$161.86	\$0.00
8	2	AP Smith "S" Series 5" Main Valve Top	\$0.00	\$0.00	\$417.60	\$0.00
9	1	AP Smith "S" Series 4-1/2" Main Valve Top	\$0.00	\$0.00	\$208.80	\$0.00
10	1	AP Smith "S" Series 4-1/4" Main Valve Top	\$0.00	\$0.00	\$208.80	\$0.00
11	1	AP Smith "S" Series Upper Stem	\$0.00	\$0.00	\$122.53	\$0.00
<b>Total Bid</b>			\$0.00	\$0.00	\$3,051.56	\$0.00



**Monroe County Water Authority**

**Memorandum**

To: Raymond Benschoff  
Date: 01/31/2018  
From: Karin Anderson  
File: WA 011802  
Subject: **Recommendation for Bid Award  
February 8, 2018 Board Meeting**  
Copies: M. Quattrone

Bids were received on January 29, 2018, for **Valve Boxes and Lids**. This is a one year, unit price contract with the option to renew for up to four additional one-year terms upon mutual consent. The apparent low responsive, responsible bidder is **Blair Supply Corporation** in the amount of **\$37,462**.


We also received bids from:	F.W. Webb Co.	\$38,115.53
	Core & Main LP	\$38,210.20
	T. Mina Supply, Inc.	\$50,742.20

I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka  
Attachment: Bid tabulation

~~(Dis)~~ Approved by  2-2-18  
Department Head Date

~~(Dis)~~ Approved by  1/31/18  
Purchasing Manager Date

~~(Dis)~~ Approved by  2/2/18  
Executive Director Date

(Dis) Approved by \_\_\_\_\_  
Executive Assistant/Board Date

**Monroe County Water Authority  
MCWA 011802 – Valve Boxes & Lids**

<b>Item No</b>	<b>Qty</b>	<b>Description</b>	<b>(1) BLAIR SUPPLY CORP.</b>	<b>(2) T. MINA SUPPLY, INC.</b>	<b>(3) CORE &amp; MAIN, LP</b>	<b>(4) F.W. WEBB COMPANY</b>
1	40	5-1/4" Valve Box, 10" Top Section	\$710.00	\$1,006.00	\$715.60	\$734.00
2	240	5-1/4" Valve Box, 17" Top Section	\$6,192.00	\$6,316.80	\$6,314.40	\$6,422.40
3	100	5-1/4" Valve Box, 27" Top Section	\$4,175.00	\$5,648.00	\$4,227.00	\$4,305.00
4	100	5-1/4" Valve Box, 21" Middle – Short	\$3,225.00	\$3,925.00	\$3,286.00	\$3,344.00
5	240	5-1/4" Valve Box, 34" Middle – Long	\$10,128.00	\$16,204.80	\$10,375.20	\$10,562.40
6	240	5-1/4" Valve Box Base	\$8,592.00	\$13,137.60	\$8,796.00	\$8,949.60
7	400	5-1/4" Valve Box Lid	\$4,440.00	\$4,504.00	\$4,496.00	\$4,576.00
<b>Total</b>			\$37,462.00	\$50,742.20	\$38,210.20	\$38,893.40
<b>Discount</b>			None	None	None	2% 10
<b>Total Including Discount</b>			\$37,462.00	\$50,742.20	\$38,210.20	\$38,115.53

# Memo

**To: Kathleen Prestidge, Director of Finance and Business Services**  
**cc: Larry Magguilli, Assistant to the Executive Director**  
**From: Gregg Ippolito, Supervisor of Meter Services** *GI*

**Date: January 8, 2018**

**RE: Standardization of Large Meters**

---

Kathy,

I am recommending that MCWA should standardize to the Neptune Technology Group for MCWA's large meter program. Standardization of our large meters is appropriate for the following reasons:

**Compatibility-** MCWA currently is standardized to the Neptune Technology Group in regards to our small meters. Many of our inventory parts required for Neptune small meters are the same as those required for Neptune large meters.

**Uniformity-** MCWA currently uses the same AMR equipment and software for both our small and large meters. The process of generating and collecting reads for small Neptune meters and large Neptune meters is one and the same.

**Design-** Neptune's meter and AMR equipment designs and improvements continue to be compatible to our existing meters.

**Construction-** Neptune continues to construct their meter bodies with safe and long lasting materials.

**Employee Training-** MCWA's Meter Services, IT and Customer Services groups have been effectively trained in the use of Neptune Large AMR Meters.

I have attached a more detailed description as to why MCWA should become standardized to the Neptune Technology Group for large meters.

Gregg Ippolito

Supervisor of Meter Services



## **Standardization of MCWA's Large Meters with the Neptune Technology Group**

MCWA currently has over 560 3"-10" Large meters in service. Approximately 60% of those meters are Neptune Meters, with the remaining balance being Sensus meters.

### **Synopsis of our existing Sensus Meters**

Of the Sensus meters still in service only about 25 of them are of the current Sensus Product line, The Omni Meter. The other remaining Sensus meters are a combination of the SRH and the Sensus W350-W5500 Turbine Series. Sensus has discontinued production of these meters and they also have discontinued the production of the parts required to maintain and repair them. In regards to the Sensus Omni meters we have had in service since 2011, the performance results have been sub-par. Seven of those meters installed in 2011 have since been replaced. Four of them for failure at low flow accuracy and three due to deterioration of the epoxy coated meter body. The issues with low flow accuracy as well as customer complaints we have received for the deterioration of the meter body have warranted our decision to replace those meters.

### **Standardization on Neptune Large Water Meters;**

**Compatibility and Uniformity:** MCWA is currently standardized to Neptune meters in the small meter group. The small meter group consists of 5/8"-2" meters. The mechanisms of these meters are parallel with those of the Neptune large meter group. The TruFlo Compound, The Hp Turbine and the P3 Fireline use many of the same mechanical components as the Neptune small meters. Registers, measuring chambers, diaphragms, thrust rollers and control block assemblies are some of the many parts that are used in both the Neptune small and large meter group. Standardization to both groups allows for a more controlled and resourceful inventory of all new and repair parts that would be required. It also allows our meter technician's and large meter repairman to have similarly stocked parts in their work vehicles in order to make work routes and service calls more effective and efficient.

MCWA uses the Neptune N Sight software, programming and reading equipment to capture all the reads and data from our existing Neptune AMR small meters. This same software and equipment is what is needed to read all Neptune large meters as well, which eliminates the need for separate or additional software licensing agreements as well as additional reading equipment. A second AMR system would provide many additional licensing and equipment costs.

**Design and Construction:** Neptune continues to manufacture their meters with lead free bronze and copper alloy meter bodies which make them safe for our consumers and also corrosion resistant, guarantying a long service life. Their stainless steel strainer design on the P3 Fireline meter prevents corrosion and particle build up providing full unrestricted flow in case of a fire. When Neptune implements any design changes to their current meters, registers or AMR

equipment they allow for retrofitting to the existing products that we are using. The ability to retrofit the new designs prevents costly upgrades or conversions in order to maintain accurate registration and reading of our meters.

**Employee Training:**

Our Meter Service's personnel have been thoroughly trained in the maintenance, testing, repair and reading of Neptune large meters. The skill sets that have been developed allow us to run a highly effective and productive large meter testing program. Meter Services employees have attended Neptune large meter testing school, had in-house repair and replacement training, as well as Neptune AMR installation and collection training. Our IT department has also been comprehensively trained in the installation of Neptune AMR software, the creation and arrangement of reading routes as well as the processing of completed reads and pertinent collected data. Our Customer Service representatives have received in depth training on the processing of the collected data. This allows them to effectively communicate with our customers about their current use and also permits them to provide customers with abundant detail on their usage trends and history.

**Summary:**

MCWA is currently standardized to Neptune's AMR small meters and uses the same AMR software, AMR reading equipment, and many of the same metering mechanisms as Neptune's Large Meters use. Neptune has stayed true to using safe and long lasting material for their meter body construction which reduces MCWA's overall replacement costs. Having uniformity with our small meter products helps us create a more efficient and cost effective inventory. This standardization will ultimately reduce large meter replacement expenses as well prevent further costly employee training programs, additional software licensing fees and added AMR equipment expenses. While other meter manufacturers may provide similar meter and AMR products, standardizing to Neptune Large Meters is a practical economic decision for MCWA's Large Meter program.