

MATERIAL & SUPPLIES

2016-17

LAFOURCHE PARISH WATER DISTRICT NO. 1

MAY 27, 2016

SECTION 1
TABLE OF CONTENTS

SECTION	TITLE	PAGES
1	Table of Contents	1 of 14
2	Advertisement for Bids	2 of 14
3	Instruction to Bidders	3, 4 of 14
4	Louisiana Uniform Public Work Bid Form	5 - 9 of 14
5	Specifications	10 - 14 of 14

SECTION 2
ADVERTISEMENT FOR BIDS

The Board of Waterworks Commissioners
Lafourche Parish Water District No. 1 Post
Office Box 399 Lockport, LA 70374

Sealed bids will be received by the Board of Waterworks Commissioners of Water District No. 1, Parish of Lafourche, State of Louisiana, until the hour of two o'clock (2:00) p.m., Thursday, June 8, 2016 at its regular meeting place, the Water Treatment Plant Office, Lockport, Louisiana, and publicly opened immediately, thereafter, for furnishing the following:

- A. Meter Boxes**
- B. Brass Fittings**
- C. Plastic Tubing**
- D. Tapping Saddles**

Electronic bids must be submitted through <http://www.centralbidding.com> prior to the electronic bidding deadline.

Any bid received after the announced closing time will be returned unopened. All bids must be sealed and marked "SEALED BID - MATERIALS AND SUPPLIES".

Copies of detailed specifications and forms may be obtained from Lafourche Parish Water District No. 1, 5753 Highway 308, P.O. Box 399, Lockport, Louisiana 70374.

BOARD OF WATERWORKS COMMISSIONERS

Sidney Triche, President

ATTEST: Robert Pontif, Jr., Secretary Treasurer

PUBLICATIONS: May 9, 19, and June 1, 2016

SECTION 3

INSTRUCTIONS TO BIDDERS

Each bidder shall carefully check all requirements herein set forth in the specifications and shall offer contracts which fully comply with the requirements or shall plainly set forth all points, features, conditions and specifications, etc. wherein his proposal offered does not meet these specifications. Such exceptions, if made, shall be listed by page number in the following blanks and shall be marked in ink on the pages of these specifications and shall be explained in detail in a letter accompanying his bid. Failure to outline such exceptions will require the said bidder to comply with these specifications.

EXCEPTIONS TO SPECIFICATIONS _____

All proposals shall be submitted on the proposal forms hereto attached, which shall remain, bound as originally issued. In the event two or more proposals equal in amount are lowest, the Board of Commissioners of Lafourche Parish Water District No. 1, Lockport, Louisiana, reserves the right to decide to who the contract is to be awarded. Copies of addenda, if any, shall be attached to the bound volume submitted.

Bidders shall furnish all information required herein by filling in all the blanks in the submitted copy of these specifications. Each bidder shall indicate in his proposal, in the space provided for that purpose, delivery times from date of order.

The Lafourche Parish Water District No. 1 is exempted from the payment of all State and Local Sales Tax in accordance with House Bill 1139 (Act 1029) effective September 1, 1991. The unit price bid on each item shall be the amount required to furnish the units FOB to the Lafourche Parish Water District No. 1 warehouse.

At any time prior to the scheduled closing time for receipt of proposals, any bidder may withdraw his proposal. After scheduled closing time for the receipt of proposals or before award of the contract, no bidder will be permitted to withdraw his proposal, unless said award is delayed for a period exceeding thirty (30) days or the date of the next regular meeting of the Board whichever is longer. Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the proposal after it has been opened.

The quantities shown are estimated quantities based upon the use of the Water District during the past year. The District reserves the right to either increase or decrease the quantities to fulfill its needs. The Bidder declares that he understands that if the quantities of any of these items are increased the undersigned propose to furnish these units at the unit price set herein, and should the quantities be decreased he also understands that payment will be made on the actual quantities furnished at the unit price bid and will make no claim for anticipated profits for any decrease in the above mentioned items.

Delivery of all items of these specifications is to be made to the Lafourche Parish Water District No. 1 Warehouse, 5753 Highway 308, Lockport, Louisiana, in quantities as directed upon execution of contract and when purchase order is issued.

Bidders may submit bids on all or individual items. Items will be awarded on individual bases. Proposals may be delivered in person or may be mailed to reach the Purchaser prior to the opening of bids. Proposals shall be enclosed in sealed envelopes, addressed to the Purchaser and marked, "SEALED BID - MATERIALS AND SUPPLIES".

NOTE: ANY ITEM THAT DOES NOT MEET SPECIFICATION MUST BE APPROVED BY DISTRICT A MINIMUM OF 10 DAYS PRIOR TO BID OPENING.

THE SUPPLIER WILL COMPLY WITH THE CURRENT LOUISIANA LAW FOR "NO - LEAD" BRASS.

SECTION 4

LOUISIANA UNIFORM PUBLIC WORK BID FORM UNIT PRICE FORM

TO: Lafourche Parish Water District No. 1
P. O. Box 399
Lockport. LA 70374

BID FOR: Materials and Supplies

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ meter box (angle inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1	550	Per each	105.90	58,245.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ meter box (straight inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
2	250	Per each	110.10	27,525.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 1" meter box (straight inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
3	25	Per each	n/b	no Bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 3/4" meter box (straight inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
4	12	Per each	n/b	no Bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 1" corporation stop, pack joint x threaded for copper or plastic tubing			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
5	250	Per each	33.12	8,280.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 1" compression x 1" compression both ends pack joint for copper or plastic tubing			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
6	150	Per each	13.79	2,068.50

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

TO: Lafourche Parish Water District No. 1
P. O. Box 399 Lockport.
LA 70374

BID FOR: Materials and Supplies

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 3/4" compression x 3/4" compression both ends pack joint for copper or plastic tubing			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
7	50	Per each	12.08	604.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 3/4" male iron pipe x 1" pack joint for copper or plastic tubing			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
8	150	Per each	14.03	2,104.50

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 1" pack joint x 1" male iron pipe thread straight coupling			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
9	50	Per each	11.92	596.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 3/4" expander wheel			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
10	750	Per foot	13.05	9787.50

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 12 gauge dark blue tracing wire			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
11	18,000	Per foot	.11	1,980.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 1" plastic water service tubing			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
12	18,000	Per foot	.33	5,940.00

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

TO: Lafourche Parish Water District No. 1
P. O. Box 399 Lockport.
LA 70374

BID FOR: Materials and Supplies

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 8" bronze tapping saddles/stainless steel or bronze strap			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
13	150	Per each	52.60	7,890.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 2" corporation stop, pack joint or threaded			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
14	10	Per each	151.10	1,511.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 2" curb stop, pack joint x meter flange			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
15	10	Per each	201.20	2,012.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 2" oval flange pack			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
16	20	Per each	n/a	no bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 2" x 3" nipple			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
17	24	Per each	9.15	219.60

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# 2 1/4" x 12" stainless steel repair clamp			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
18	20	Per each	66.05	1,321.00

LOUISIANA UNIFORM PUBLIC WORK BID FORM UNIT PRICE FORM

TO: Lafourche Parish Water District No. 1
P. O. Box 399 Lockport.
LA 70374

BID FOR: Materials and Supplies

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 4" x 12" stainless steel repair clamp			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
19	10	Per each	76.26	762.60

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ 2" meter box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
20	10	Per each	NIB	no Bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ meter box locking lid with 2" hole			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
21	25	Per each	NIB	no Bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ upper section meter box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
22	200	Per each	NIB	no Bid

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ upper section for 1" meter box			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
23	25	Per each	NIB	no Bid

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

AUTHORITY NOTE: Promulgated in accordance with R.S. 38:2212.

HISTORICAL NOTE: Promulgated by the Office of the Governor, Division of Administration, Office of Facility Planning and Control, LR

35:1522 (August 2009).

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) is familiar with and hereby proposes to provide materials, all in strict accordance with the Bidding Documents prepared by: Lafourche Parish Water District No. 1 and dated: APRIL 27, 2016.

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA: (Enter the number the Designer has assigned to each of the addenda that the Bidder acknowledging.)

=====

TERMS _____ % _____ DAYS OR _____

=====

PROPOSAL SUBMITTED BY: Lafayette Winwater works
(Company Name)

ADDRESS: 125 medical Park Drive Lafayette La. 70508

SIGNATURE OF REPRESENTATIVE: Eric Brantley

REPRESENTATIVE: Eric Brantley
(Print Name)

TITLE: Sales

PHONE NO.: 337-269-0032 DATE: 6-8-2016

SPECIFICATIONS

ITEM:

DESCRIPTION:

- | | |
|---|---|
| 1 | Meter Box:
1" angle inlet, Ford YL-241-243-NL, Mueller H-1452-JN or McDonald 775B208LC2G 433, with locking easy read meter box lid with 2" hole (for Badger Orion Transmitter) Will furnish a cover for pattern. Packed in individual cardboard box or pre-approved equal. |
| 2 | Meter Box:
1" straight inlet, Ford YL-141-243-NL, Mueller H-1452-KN or McDonald 775B208PC2G 433 with locking easy read meter box lid with 2" hole (for Badger Orion Transmitter) Will furnish a cover for pattern. Packed in individual cardboard box or pre-approved equal. |
| 3 | Meter Box:
1" inlet, Ford YL-111-444-NL or McDonald 775B410BCGG 442, packed in individual cardboard box or pre-approved equal. |
| 4 | Meter Box:
¾" straight inlet, female iron pipe x ¾" female iron pipe, Ford YL111-233-LOG-NL or McDonald 775B208PCGG 332, with solid locking box lid. Packed in individual cardboard box or pre-approved equal. |
| 5 | Ford F10004-NL, Mueller P-15008N or McDonald 74701-22, 1" corporation stops, pack joint x 1" cc threaded corporation or pre-approved equal. |
| 6 | Ford C-44-44-NL, Mueller P-15403N or McDonald 74758-22, 1" compression x 1" compression both ends pack joint for copper or plastic tubing or pre-approved equal. |
| 7 | Ford C-44-33-NL, Mueller P-15403N or McDonald 74758-22, ¾" compression x ¾" compression both ends pack joint for copper or plastic tubing or pre-approved equal. |
| 8 | Ford C-84-34-NL Mueller P-15428N or McDonald 74753-22 ¾", ¾" male iron pipe x 1" pack joint for copper or plastic tubing or pre-approved equal. |

ITEM:

DESCRIPTION:

- 9 Ford C-84-44-NL, Mueller P-15428N or McDonald 74753-22 1", 1" male iron pipe x 1" compression pack joint for copper or plastic tubing or pre-approved equal.
- 10 $\frac{3}{4}$ " Expander Wheel:
Ford EC-23-NL Expansion Connection, Mueller H-14234N Expansion Hand Wheel or McDonald 714-2EHG Yoke Expander Wheel or pre-approved equal.
- 11 12 Gauge Dark Blue Wire, 12 THHN 600V –VW-1 in 500 feet rolls or pre-approved equal.
- 12 Chevron-Philips, Charter Plastics and Endot Industries PE 4710 SDR 9, plastic water service tubing in single 300' coils, as per attached specifications or pre-approved equal.
- PE 4710 CTS – POTABLE WATER TUBING
- Black
- Resin:
PE 4710 Resin formulation - These materials also meet the requirements for a PE 3408 as per ASTM D3350-02a
- Specifications:
- NSF Standard 14 and Standard 61
ANSI/AWWA C901 CTS SDR 9, PC 250@ 80°F. (27° C)
ASTM D2737 – CTS SDR 9, 250 PSI @ 73°F. (23° C)
- Cell Classification per ASTM D 3350 – 445574C and 445576
- HDB Ratings/PPI TR4:
HDB is established @ 73.4°F. (23° C) and 140°F. (60° C) per ASTM D2837
1600 psi @ 73.4°F. Hydrostatic Design Basis (HDB)
1008 psi @ 73.4°F. Hydrostatic Design Stress (HDS) – PE 4710 utilizes .63 design factor for water

ITEM:**DESCRIPTION:**

PE 4710 CTS Dimensions
Copper Tube Size HDPE

Designed for pressure applications

Water, Reclaimed Water, Sewer

ASTM D 2737

AWWA C901

Pressure Class	SIZE	O.D.	Minimum Wall	Weight Per Foot
PC 250 SDR 9	.75"	.875	.097	.103
	1"	1.125	.125	.170
	1.25"	1.375	.153	.255
	1.50"	1.625	.181	.356
	2"	2.125	.236	.609

Weight Calculations are based on PPI TR7
Available in straight lengths, coils or mileage reels

13

Romac Bronze Tapping Saddles/Stainless Steel Strap - 101BS x 9.62 x 1" cc Thread - O.D. Range 8.63-9.62, Mueller Bronze Tapping Saddle/ Stainless Steel Strap - BR 1 S x 9.67 x 1" cc Thread -O. D. Range 8.99 - 9.67 or pre-approved equal. Romac Bronze Tapping Saddles/Bronze Strap -101B x 9.62 x 1" cc Thread - O.D. Range 8.63-9.62 or approved equal.

Romac and Mueller specifications for Item 10**Romac**

Saddle Castings: The saddle body is cast from 85-5-5-5 waterworks bronze in accordance with AWWA C-800 and ASTM B 62.

Strap: Type 304 (18-8) Heavy gauge Stainless Steel per ASTM A 240, 2" wide.

Bolts. Nuts: 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts per ASTM A 479. All welds fully passivated for enhanced corrosion resistance.

Washer-Nuts: Flat, type 304 (18-8) heavy gauge Stainless Steel.

ITEM:

DESCRIPTION:

Gaskets: Gaskets are made from Nitrile Butadiene Rubber (NBR) compounded for water service in accordance with ASTM D 2000 MBC 610. (101BS)

OR

Mueller

Saddle Castings: The saddle body is cast from 85-5-5-5 waterworks bronze in accordance with AWWA C-800 and ASTM B 62. NSF 61 certified.

Strap: 304L Stainless Steel 2" wide and shall be fully passivated.

Bolts. Nuts: 5/8" 304L Stainless Steel bolts with Teflon coated rolled threads and shall be fully passivated.

Washer-Nuts: 304L Stainless Steel and shall be fully passivated.

Gaskets: Nitrile o-ring gasket cemented in and confined in a retaining groove. (BR 1 S)

OR

Romac

Saddle Castings: The saddle body is cast from 85-5-5-5 waterworks bronze in accordance with AWWA C-800 and ASTM B 62.

Strap: Silicon bronze per ASTM B 96, .093" thick X 2" wide to spread out clamping forces on the pipe. GTAW welds using silicon bronze filler rod. Chemically treated for improved corrosion resistance.

Bolts: Silicon bronze per ASTM B 98, 5/8" National Coarse roll thread.

Washer-Nuts: Cast from 85-5-5-5 waterworks bronze in accordance with AWWA C-800 and ASTM B 62.

Gaskets: Gaskets are made from Nitrile Butadiene Rubber (NBR) compounded for water service in accordance with ASTM D 2000 MBC 610-90.

14

Ford FB 1000-7-NL, Mueller P-25008N or McDonald 74701-22 2", 2" corporation stops w/2"cc threaded corporation x pack joint or pre-approved equal.

<u>ITEM:</u>	<u>DESCRIPTION:</u>
15	Ford BF43-777W-NL, Mueller P-24335N or McDonald 76100MW-22 2", 2" pack joint by meter flange or pre-approved equal.
16	2" oval flange pack containing two (2) brass flanges, two (2) gaskets (full face black neoprene) and four (4) nuts/bolts (stainless steel).
17	2" x 3" brass nipples (no lead).
18	2 ¼" X 12" Stainless Steel Repair Clamp, Romac SSI x 3.00" x 12" or pre-approved equal. (O. D. range 275 " – 3.00")
19	4" x 12" Stainless Steel Repair Clamp, Romac SSI x 5.14" x 12" or pre-approved equal. (O. D. range 4.75 " – 5.14")
20	2" meter box, Carson Industries LW series 1730, 18" black body, with flush cover, bolt down, and CI reader door or pre-approved equal.
21	Meter Box Locking Lid with 2" Hole: YBUC Ford or McDonald 775L43, yoke box locking lid with 2" hole for 1"round meter box or pre-approved equal. (For Badger Orion transmitter.)
22	Ford YUC-7 or McDonald 75-US08 upper section meter box, or pre-approved equal.
23	Ford YBL-T or McDonald 775-410BCGG upper section meter box or approved equal.