

MATERIAL & SUPPLIES

2016-17

LAFOURCHE PARISH WATER DISTRICT NO. 1

MAY 27, 2016

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 None

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	105.62	58,091.00

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	111.43	27,857.50

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	242.41	6,060.25

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.#__ ¾" meter box (straight inlet)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
4	12	Per each	116.93	1,403.16

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	32.61	1,852.50

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	13.75	2,062.50

LOUISIANA UNIFORM PUBLIC WORK BID FORM
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DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>3/4" compression x 3/4" compression both ends pack joint for copper or plastic tubing</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
7	50	Per each	12.02	601.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>3/4" male iron pipe x 1" pack joint for copper or plastic tubing</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
8	150	Per each	10.92	1,638.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>1" pack joint x 1" male iron pipe thread straight coupling</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
9	50	Per each	11.69	584.50

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>3/4" expander wheel</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
10	750	Per foot	13.21	9,907.50

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>12 gauge dark blue tracing wire</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
11	18,000	Per foot	0.115	2,070.00

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# <u>1" plastic water service tubing</u>			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
12	18,000	Per foot	0.328	5,904.00

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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	56.82	8,523.00

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	155.55	1,555.50

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	203.64	2,036.40

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	62.02	1,240.40

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	8.72	209.28

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	78.70	1,574.00

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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	92.48	924.80

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	181.88	1,818.80

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	19.65	491.25

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	25.16	5,032.00

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	244.54	6,113.50

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.)

Addendum No. 1

TERMS Net 30 % _____ DAYS OR _____

PROPOSAL SUBMITTED BY: Southern Pipe & Supply
(Company Name)

ADDRESS: 2138 Beaumont Dr. Baton Rouge, LA 70806

SIGNATURE OF REPRESENTATIVE: Chuck Naguin

REPRESENTATIVE: Chuck Naguin
(Print Name)

TITLE: Sales Representative

PHONE NO.: 225-926-1807 DATE: June 8, 2016

Lafourche Parish Water District No. 1

P.O. BOX 399
LOCKPORT, LOUISIANA 70374

AREA CODE 985
PHONE 532-6924
FAX 532-3667

May 26, 2016

TO: ALL HOLDERS OF BIDS FOR MATERIALS AND SUPPLIES 2016 - 17

VIA: CERTIFIED MAIL
RETURN RECEIPT REQUESTED
AND/OR FAX TRANSMISSION OR E-MAIL

RE: ADDENDUM NO. 1 FOR BIDS FOR **MATERIALS AND SUPPLIES 2016 - 17 -
LAFOURCHE PARISH WATER DISTRICT NO. 1**

To Whom It May Concern:

On page 2, Section 2, Advertisement for Bids it should read as follows:

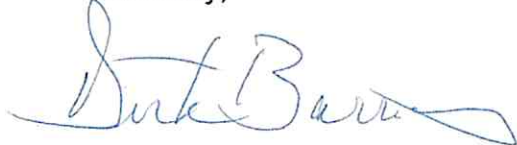
Sealed bids will be received by the Board of Waterworks Commissioners of Water District No. 1, Parish of Lafourche, State of Louisiana, until the hour of two o'clock (2:00) p.m., Wednesday, June 8, 2016 at its regular meeting place, the Water Treatment Plant Office, Lockport, Louisiana, and publicly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

On page 14 Item 18 it should read as follows:

2 ¼" X 12" Stainless Steel Repair Clamp, Romac SSI x 2.87" x 12" or pre-approved equal. (O. D. range 2.62" – 2.87")

Thank you for your interest and cooperation in this matter.

Yours truly,



Dirk Barrios, General Manager

Cc: CentralAuctionHouse.com

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.

ITEM:**DESCRIPTION:**

- | | |
|----|---|
| 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 1/4" 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. |

Purely the best in the business! Endot EndoPure®!

- Lifetime warranty.
- 100% virgin resin.
- Consecutive footage marks.
- Quality • Reliability • Consistency.

We do our
best work
under
pressure!

A family-owned
business celebrating
40 years
of service.

Nationwide!

Available through distributors nationwide;
call for the one nearest you.



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1-800-44-ENDOT



EndoPure

The ONLY High Density Polyethylene Pipe specially engineered for the water industry.

ENDOT EndoPure. On the outside, it's blue, color coded for the coming industry standard; on the inside it's completely natural; overall it's the purest polyethylene, so it's: Lead Free, Chlorine Free and Solvent Free. EndoPure comes ENDOT sealed with our special crimping process to ensure that it remains impurity free. Guaranteed. For your next project, make it ENDOT'S EndoPure . . . and make it as perfect as possible.

ENDOT Industries backs EndoPure with a certificate of purity in addition to a lifetime Warranty, including the most liberal cost of replacement provisions. (See Warranty for Details)

APPLICABLE STANDARDS (MATERIAL & DIMENSIONAL)

ENDOT EndoPure meets the specifications of NSF-14 & 61, AWWA C901-08 plus the following standards:

Material Standards PE 4710

ASTM D3350 - Cell Classification	
UV Stabilized Clear Center -	445576D
UV Stabilized Blue Exterior -	445576E
ASTM D1505 - Density	.949 g/cc
ASTM D1238 - Melt Index	>0.08 g/10 min
ASTM D638 - Tensile Strength	>3600psi
ASTM D638 - Elongation	>740%
ASTM D2837 - Hydrostatic Design Basis	1600psi @ 20°C
ASTM D790 - Flexural Modulus	150,000psi
ASTM D746 - Brittleness Temp.	<-103°F
ASTM D1693 - Slow Crack Growth Pent	>25,000 hours

Dimensional Standards

ASTM D2239 - SIDR - Iron Pipe Size (IPS), Controlled Inside Diameter
ASTM D2737 - SODR - Copper Tube Size (CTS), Controlled Outside Diameter
ASTM D3035 - DR - Iron Pipe Size (IPS), Controlled Outside Diameter

Also available in lavender for reclaimed water and green for sewer applications.

For your next project, make it EndoPure . . . and make it as pure as possible!

For the latest information on products and services,

visit:

www.endot.com

e-mail:

info@endot.com

CORPORATE HEADQUARTERS

60 Green Pond Road
Rockaway, NJ 07866
800-443-6368 • FAX 973-625-4087



ENDOT INDUSTRIES, INC.

www.endot.com • e-mail: info@endot.com



PLANT LOCATIONS

Greeneville, TN
Pryor Creek, OK

ENDOT INDUSTRIES

PIPE AND TUBING

EndoPoly PE-4710

High Density Polyethylene

"ENDOPOLY" 250 PSI @73.4°F (CTS) WATER SERVICE TUBING (SODR 9)

MEETS THE REQUIREMENTS OF ASTM D2737-12

"ENDOPOLY" WATER SERVICE TUBING MAY BE JOINED WITH APPROVED
COMPRESSION FITTINGS — DO NOT USE INSERT FITTINGS.

Size	O.D.	I.D.	Min. Wall	Weight Per 100'	Standard Coil Size	Part Number
3/4"	0.875	0.681	.097	10.0	500/100	PBJ07541010009
→ 1"	1.125	0.875	.125	16.5	300/100	PBJ10041010009
1-1/4"	1.375	1.069	.153	24.8	300/100	PBJ12541010009
1-1/2"	1.625	1.263	.181	34.3	300/100	PBJ15041010009
2"	2.125	1.653	.236	59.2	200/100	PBJ20041010009

"ENDOPOLY" 250 PSI @73.4°F (IPS) WATER SERVICE PIPE (SIDR 7)

MEETS THE REQUIREMENTS OF ASTM D2239-12

"ENDOPOLY" WATER SERVICE LINE PIPE (IPS) MAY BE JOINED WITH INSERT FITTINGS
OR APPROVED IPS COMPRESSION FITTINGS.

COMPRESSION FITTINGS FOR IPS PIPE MUST BE SELECTED ACCORDING TO SIDR RATING NOT PRESSURE RATING.

Size	O.D.	I.D.	Min. Wall	Weight Per 100'	Standard Coil Size	Part Number
3/4"	1.060	0.824	.118	15.0	400/100	PBJ07541010004
1"	1.349	1.049	.150	24.1	300/200/100	PBJ10041010004
1-1/4"	1.774	1.380	.197	41.5	300/100	PBJ12541010004
1-1/2"	2.070	1.610	.230	56.6	250/100	PBJ15041010004
2"	2.657	2.067	.295	93.3	200/100	PBJ20041010004

COLOR CODES: EndoPoly pipe & tubing is color coded with permanent indented printing and footage tape.
LIGHT BLUE = 250 PSI TUBING • ORANGE = 250 PSI PIPE

STANDARDS: ENDOT "EndoPoly" pipe & tubing meets all the applicable standards of ASTM D3350
(cell classification 445576C), ASTM D2737 or D2239, NSF-14 & 61, AWWA C901 and BOCA.

GUARANTEE: ENDOT pipe and tubing is guaranteed against rot, rust and electrolytic corrosion and to be free of defects
in material and workmanship. Endot's liability will be limited to the replacement of pipe or tubing acknowledged
to be defective. (See Warranty for details). Use of pipe sealing compounds, pipe dope and detergent type
lubricants voids all warranties.



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PLANT LOCATIONS
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Pryor Creek, OK