

Bids for Material Supplies

Terrebonne Parish Consolidated Waterworks District No. 1

Project documents obtained from www.CentralBidding.com 29-Nov-2018 01:23:54 PM

SPECIFICATIONS

FOR THE

PURCHASE

OF ·

MATERIAL SUPPLIES

PREPARED BY
CONSOLIDATED WATERWORKS DISTRICT NO. 1
TERREBONNE PARISH, LOUISIANA

DECEMBER 2018

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BIDDER'S CHECK LIST

NEW 2017: Contractor certification Act 49 of 2017 amended R.S. 37:2163 to provide that all architects, engineers, and awarding authorities shall place in their bid specifications the requirement that a contractor shall certify that he holds an active license by displaying his license number on the bid envelope. If the bid does not display the contractor's license number the bid shall be automatically rejected.

NOTICE TO MATERIAL SUPPLIERS

Sealed proposals for the furnishing of meter boxes, saddles, corporation stops, couplings, etc., will be received by the Staff of the District as authorized by the Board of Commissioners of Consolidated Waterworks District No. 1, Terrebonne Parish until 2:00 o'clock P.M. CST Wednesday, December 12, 2018, at its Business Office, 8814 Main Street, Houma, Louisiana, at which place said proposal will be publicly open and read aloud. Vendors have the option to submit their bids and bid bonds electronically. For questions about the process to submit a bid electronically, please contact Ted Fleming with Central Auction House at 866-570-9620. Any proposal received after the announced closing time will be returned unopened.

All proposals shall be sealed and addressed as follows:

Sealed Proposals: Material Supplies Consolidated Waterworks District No. 1 8814 Main Street Houma, LA 70363

December 12, 2018 2:00 PM

Proposals must be made on the Louisiana Uniform Public Work Bid Form furnished with the contract documents. Copies of detailed specifications and contract documents may be obtained from the office of Consolidated Waterworks District No. 1, 8814 Main St., Houma, LA 70363 and will also be posted on http://www.centralauctionhouse.com. To view these documents, download and receive bid notices electronically, you will have to register with Central Auction House (CAH) at 1-866-570-9620.

The Board of Commissioners of Consolidated Waterworks District No. 1, Terrebonne Parish reserves the right to reject any and all proposals and to waive informalities.

THUS DONE AND SIGNED in Houma, State of Louisiana on the 19TH day of November, 2018.

/s/ Clifton J Stoufflet, President Board of Commissioners Consolidated Waterworks District No. 1 Terrebonne Parish

Publish: November 26, 2018 November 28, 2018

December 5, 2018

Coburn's Supply	
Supplier	
1300 Ridgefield Road, Thibodaux, LA 70301	
Address	

CONSOLIDATED WATERWORKS DISTRICT NO. 1

TO: Board of Commissioners Consolidated Waterworks District No. 1 8814 Main Street Houma, Louisiana 70363

Gentlemen:

PROPOSAL OF:

The undersigned, as Bidder, declares that the only persons or parties interested in these proposals as principals are those named herein; that this proposal is made without collusion or combination of any kind or character with any other person, firm association or corporation, or any member or officer thereof, that he has (or they have) carefully examined the Specifications as prepared by Consolidated Waterworks District No. 1, Houma, Louisiana, and that he (or they) propose and agrees, if this proposal is accepted to furnish and deliver to the Consolidated Waterworks District No. 1 warehouse, FOB, all of the material as specified; and that he (or they) hereby proposes to accept as full compensation therefore the price given in the following bid:

Municipal OSR
Title

michael Delf

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: CONSOLIDATED WATERWORKS DISTRICT # 1 BID FOR: MATERIAL SUPPLIES 8814 MAIN ST.

HOUMA, LOUISIANA 70363

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) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: CONSOLIDATED WATERWORKS DISTRICT # 1 and dated: DECEMBER, 2018.

Bidders must acknowledge	all addenda. The Bidder acknowl	edges receipt of the following	g ADDENDA:	
No Dated:	No Date	d:	No Dated:	
No Dated:	No Date	d:	No Dated:	
BASE BID: For all work	required by the Bidding Docume	nts (including any and all uni	t prices but not alternates) the sum of	:
Five hundred fifty one thous	and six hundred seventy four dolla	ars and twenty cents	Dollars (\$ <u>551,674.20</u>)
ALTERNATES: For any	and all work required by the Bidd	ing Documents for Alternate	S.	
Alternate No. 1 (Owner to pro	ovide description of alternate and state wh	ether add or deduct) for the lump	sum of:	
		I	Oollars (\$)
Alternate No. 2 (Owner to pro	ovide description of alternate and state wh	nether add or deduct) for the lum	p sum of:	
		T	Oollars (\$	
Alternate No. 3 (Owner to pro	ovide description of alternate and state wh	ether add or deduct) for the lump	sum of:	
	,	I	Oollars (\$)
NAME OF BIDDER:	Coburn's Supply			
ADDRESS OF BIDDER:	1300 Ridgefield Road, Thibodau	x, LA 70301		
LOUISIANA CONTRAC	TOR'S LICENSE NUMBER:			
NAME OF AUTHORIZE	ED SIGNATORY OF BIDDER:	Michael Self		
TITLE OF AUTHORIZE	ED SIGNATORY OF BIDDER:	Municipal OSR		
SIGNATURE OF AUTHO	ORIZED SIGNATORY OF BI	DDER: Micha	V Self	
DATE:		12-12-2018	1	

LOUISIANA UNIFORM PUBLIC WORK BID FORM <u>UNIT PRICE FORM</u>

TO:

CONSOLIDATED WATERWORKS DISTRICT #1

8814 MAIN ST.

HOUMA, LOUISIANA 70363

BID FOR: MATERIAL SUPPLIES

DESCRIPT	ION:	1" YOKE BOXES				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
Α	100	EACH	279.25	27,925.00		
		_				
DESCRIPT	ION:	YOKE BOX LIDS WITH 1-7/8" ELECTRONIC READ HOLE				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
В	50	EACH	20.85	1,042.50		
DESCRIPT	· · · · · · · · · · · · · · · · · · ·	5/8" X 3/4" YOKE BOXES				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
С	1000	EACH	135.00	135,000.00		
DESCRIPT		5/8" X 3/4" YOKE BOXES	, .			
REF. NO.	- 15 - A	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
D	150	EACH	133.95	20,092.50		
DESCRIPT	ION:	PLASTIC METER BOX LID	F			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
E	3,500	EACH	12.50	43,750.00		
		·				
DESCRIPT		3/4" IRON PIPE THEAD I	PVC PLUGS			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
F	400	EACH	.51	204.00		
		·				
DESCRIPT		UPPER SECTIONS				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
G	350	EACH	26.00	9,100.00		
DESCRIPT	ION:	GRADE ADJUSTERS				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
Н	500	EACH	21.80	10,900.00		
DESCRIPT	ION:	BRASS EXPANDERS				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
1	1,500	EACH	15.10	22,650.00		

LOUISIANA UNIFORM PUBLIC WORK BID FORM UNIT PRICE FORM

DESCRIPTION	ON:	CORPORATION STOPS 3	/4"		
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
J	1000	EACH	22.90	22,900.00	
DESCRIPTION	ON:	BALL VALVES 3/4"			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
К	600	EACH	38.75	23,250.00	
DESCRIPTION	ON:	1" BALL VALVES 1"			
<u></u>		UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
L	50	EACH	61.80	3,090.00	
DESCRIPTION	ON:	3/4" FCF X 1" PJ 90 BEN	D		
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
М	600	EACH	16.90	10,140.00	
		,			
DESCRIPTION		3/4" FCF X 1" PJ			
REF. NO.	The second section of the second seco	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
N	250	EACH	14.95	3,737.50	
DESCRIPTION		3/4" FCF X 3/4" PJ 90 BE	41-cc		
		UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
0	150	EACH	16.55	2,482.50	
DESCRIPTION	ON:	3/4" FCF X 3/4"PJ			
		UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
Р		EACH	12.84	1,284.00	
L			1		
DESCRIPTION	ON:	3/4" FIPT X 3/4" PJ			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
Q	100	EACH	11.85	1,185.00	
DESCRIPTION:		3/4" MIPT X 3/4" PJ			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
R	200	EACH	11.30	2,260.00	
DESCRIPTION	ON:	3/4" MIPT X 1" PJ			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
1			1		

5,000.00

12.50

400 EACH

LOUISIANA UNIFORM PUBLIC WORK BID FORM <u>UNIT PRICE FORM</u>

			OTHER TOWN	
DESCRIPT	ION:	1" MIPT X 1" PJ		4 3 3 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
T	200	EACH	13.35	2,670.00
	•			
DESCRIPTION: 1" PJ X 1" PJ				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
U	500	EACH	15.73	7,865.00
DESCRIPT	ION:	1" PJ X 3/4" PJ		
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
٧	400	EACH	15.95	6,380.00
DESCRIPT	ION:	3/4" PJ X 3/4" PJ		
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
W	200	EACH	13.75	2,750.00
DESCRIPT	ION:	6" SERVICE SADDLES 3/4	1" TAP	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
X	100	EACH	71.91	7,191.00
DESCRIPT	ION:	8" SERVICE SADDLES 3/4	1" TAP	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
Υ	600	EACH	75.50	45,300.00
1				
DESCRIPT	ION:	12" SERVICE SADDLES 3	/4" TAP	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
Z	100	EACH	105.00	10,500.00
DESCRIPT	ION:	3/4" X 4" BRASS NIPPLE	S	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
AA	600	EACH	3.17	1,902.00
DESCRIPT	ION:	6" PROPERTY VALVE BO	X WITH COVER	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
ВВ	600	EACH	2.35	1,410.00
DESCRIPT	ION:	6" SERVICE SADDLES 1"	TAP	
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
СС	100	EACH	71.91	7,191.00
			· · · · · · · · · · · · · · · · · · ·	·

UNIT PRICE EXTENSION (Qty X Unit Price)

45,300.00

UNIT PRICE

75.50

8" SERVICE SADDLES 1" TAP

DESCRIPTION:

DD

REF. NO. QUANTITY UNIT OF MEASURE:

600 EACH

LOUISIANA UNIFORM PUBLIC WORK BID FORM <u>UNIT PRICE FORM</u>

DESCRIPT	ION:	12" SERVICE SADDLES 1" TAP			
REF. NO. QUANTITY UNIT OF MEASURE: UNIT PRICE UNIT PRICE EXTENSION (Qty X Unit I		UNIT PRICE EXTENSION (Qty X Unit Price)			
EE	100	EACH	105.00	10,500.00	

DESCRIPTI	ON:	1" BRASS CORPORATION STOPS			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
FF	1000	EACH	35.00	35,000.00	

DESCRIPTION: 1" FCF X 1" PJ 90 BEND				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
GG	600	EACH	25.05	15,030.00

DESCRIPTI	ON:	1" IRON PIPE THREAD PVC PLUGS		
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
НН	50	EACH	.72	36.00

DESCRIPT	ION:	1" SDR 9 C.T.S. HDPE BLUE STRIPE WATER TUBING (300' MINIMUM ROLL)				
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)		
[1]	12,000	FEET	.286	3,432.00		

DESCRIPTION: 2" SDR 9 C.T.S. HDPE BLUE STRIPE WATER TUBING (100' MINIMUM				ING (100' MINIMUM ROLL)
REF, NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)
JJ	1000	FEET	.968	968.00

DESCRIPTION:		1 1/2" SDR 9 C.T.S. HDPE BLUE STRIPE WATER TUBING (100' MINIMUM ROLL)			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
KK	600	FEET	.627	376.20	

DESCRIPTION:		1" PJ X 1 1/2" PJ C.T.S. UNION			
REF. NO.	QUANTITY	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Qty X Unit Price)	
LL	50	EACH	37.60	1,880.00	

CORPORATE RESOLUTION

BE IT RESOLVED by the Board of Directors of Coburn Supply Company Inc. (Corporation), in a special meeting duly assembled, that Michael Self (Agent) be and he is hereby authorized, empowered, and directed to act for and on behalf of this Corporation in all negotiations, bidding, concerns, and transactions and sign any and all documents which, in Agent's sole discretion, he deems necessary for this Corporation to transact and conduct business with the Terrebonne Parish Consolidated Waterworks District No. 1 (District) relative to this Corporation submitting a bid to the District for the purchase of material supplies by the District.

CERTIFICATE

I, James J. Adams, Secretary of Coburn Supply Company, Inc., do hereby certify that the above and foregoing is a true and correct copy of a Resolution unanimously adopted at a special meeting of the Board of Directors of Coburn Supply Company, Inc., at which meeting at least a majority of the Board of Directors were present and voted thereon and that said Resolution has been spread upon the minute books of Coburn Supply Company, Inc., and same is now in full force and effect.

WITNESS MY SIGNATURE on November 30, 2018 at Lafayette, Louisiana.

James J. Adams, Secretary of Coburn Supply Company, Inc.

SEAL

SECTION I

INSTRUCTIONS TO BIDDERS

1. CHANGE IN CONTRACT QUANTITY

The quantities shown are estimated quantities based upon the use of the Consolidated Waterworks District #1 (hereinafter referred to as "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 proposes 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 price bid and will make no claim for anticipated profits for any decrease in the above mentioned items. Bid prices on the items listed will be firm for a period of one (1) year from the date of award to the successful bidder.

2. EQUIVALENT PRODUCT(S)

Whenever in specifications the name of a certain brand, make, manufacturer, or definite specification is utilized, the specification is being used only to denote the quality standard of products desired and that they do not restrict bidders to the specific brand, make, manufacturer, or specifications named; that they are used only to set forth and convey to prospective bidders the general style, type character, and quality of products desired; and that equivalent products will be acceptable. Any Bidder wishing to submit for consideration on an equivalent product(s) that he feels is equal to the product(s) specified may do so by submitting a sample of the product(s) and a letter indicating all differences that his product(s) may have from that specified. This letter and sample must be submitted for prior approval and received no later than ten (10) calendar days prior to the date the bids are to be received. No equivalent product(s) will be considered for this project without prior approval. Approved equivalent product(s) shall be issued by appropriate addendum prior to the bid date.

3. SUBMITTAL ON ALL PROPOSALS OR INDIVIDUAL BID ITEMS

Bidders may submit bids on all proposals or on individual proposal items.

4. STATE AND LOCAL TAXES

Consolidated Waterworks District No. 1 is exempt from any state and local sales taxes.

5. FREIGHT CHARGES

Bid price shall include all freight charges to deliver from point of shipment to Consolidated Waterworks District No. 1 at 8814 Main Street, Houma, Louisiana.

6. <u>DELIVERY</u>

Successful bidder shall be required to make delivery of supplies in the following manner:

Proposal "C" and "D" – Boxes on pallets one half of total quantity bid per order from Purchasing Agent. Each proposal is independent from other proposal.

Proposal "E" thru "W", "AA", "BB" and "FF" thru "HH"- One half of total quantity bid per order from Purchasing agent. Each proposal is independent from other proposal.

Proposal "X" – 10 Saddles per order from Purchasing Agent. Not more than 10 Saddles per packing box.

Proposal "Y" - 300 Saddles per order from Purchasing Agent. Not more than 10 Saddles per packing box.

Proposal "Z" – 50 Saddles per order from Purchasing Agent. Not more than 7 Saddles per packing box.

Proposal "CC" – 10 Saddles per order from Purchasing Agent. Not more than 10 Saddles per packing box.

Proposal "DD" -300 Saddles per order from Purchasing Agent. Not more than 10 Saddles per packing box.

Proposal "EE" – 20 Saddles per order from Purchasing Agent. Not more than 7 Saddles per packing box.

All other Proposals, ship total quantity when ordered by Purchasing Agent.

7. SELECTION OF LOW BIDDER

The sum of all of the columns denoted "UNIT PRICE EXTENSION (Quantity X Unit Price)" for the complete list of items each contractor bid on, will be submitted on the LOUISIANA UNIFORM PUBLIC WORK BID FORM, on the row designated as "BASE BID: For all work required by the Bidding Documents (including any and all unit prices but not alternates) the sum of:" and used for informational purposes. Award of purchase contracts will be determined by the low bidder per item who meets the specifications established herein. Each of the items listed shall be considered a separate item bid upon. The low bidder per item will be selected based upon the lowest price bid for that item.

Complete and sign the remainder of the LOUISIANA UNIFORM PUBLIC WORK BID FORM. Complete and sign Sheet 5, Proposal Of, form.

8. GENERAL PROVISIONS

- A. The District reserves the right to reject any and all bids based upon violation of Louisiana Law or based upon the lowest responsible or acceptable bid being in excess of the Districts' budgetary estimates for this project or other reasonably valid fiscal considerations which make the District unable to award this contract.
- B. The District may elect to waive non-compliance with procedures set forth in the bid documents to the extent permitted by Louisiana Law as long as such waiver does not unreasonably affect another bidder.
- C. All bids must be signed and submitted or delivered to the District prior to the time specified as the time for receipt of bids, unless another method of bidding is specifically set forth in the specifications.
- D. The successful bidder will be expected to timely comply with the delivery of the object or objects to be purchased or the performance of the work or any combination thereof in a reasonable time period considering the reasonable needs and requirements of the District unless a specified time period is set forth in the specifications.
- E. Failure to comply with the timing provisions set forth in item "D" immediately above on the part of the contractor or supplier shall subject the contractor or supplier to any or all of the following relief in favor of the District:
 - 1. Specific Performance
 - 2. Damages
 - 3. Any combinations of these two elements

9. BID WITHDRAWAL

At any time prior to the scheduled closing time for receipt of proposals, any bidder may withdraw his proposal. After the 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 to no rights for the withdrawal of the proposal after it has been opened.

SECTION II

SPECIFICATIONS FOR MATERIAL SUPPLIES

PROPOSALS "A" THRU "Z"

AND "AA" THRU "LL"

1. MATERIAL SPECIFICATION

Materials sought through this bidding process are intended to be used in conjunction with a public water supply. Brass materials designed to come in contact with the potable water system will be used as designed. Vendors shall submit on materials designed to meet the current Drinking Water Regulations.

Upon request, the manufacturer shall provide certification that the products meet the brass specification.

A. LOW LEAD BRASS

Brass curb stops, corporation stops, service line valves and fittings, and all other brass products coming in contact with potable water shall be manufactured with a designation indicating low lead within the catalog number. The brass alloy used for all surfaces coming in contact with potable water shall be UNS/CDA number C89833 as listed in ANSI/AWWA C800-05 Standard and the products produced with this alloy shall meet the ANSI/NSF-61 Standard certification complying with the current Drinking Water Regulations. Service saddles are exempt from the Low Lead Requirement.

These products shall have a low lead marking cast into the main body for proper identification.

B. NORMAL BRASS

Brass components that do not come in contact with potable water shall meet the requirements of AWWA C800-05, ASTM B62 and ASTM B584, using UNS/CDA number C83600.

In addition, all brass goods designed to hold internal water pressure shall be individually tested by the manufacturer as an integral part of the production process to ensure that they meet the pressure requirements established by AWWA Standard C800. This requirement shall apply to each individual product; "batch" testing is not allowed.

2. SPECIFICATIONS FOR ITEMS "A" THROUGH "Z" AND "AA" THRU "LL"

The following specifications pertain more specifically and individually to Items "A" through "Z" and "AA" thru "LL" as listed on the Louisiana Uniform Public Work Bid Form:

Proposal "A" – 100 each Ford Meter Box packed in individual cardboard box: 1" CI Yoke Box YL111-444NL with YBL-T Lid (with 1-7/8" electronic read hole) to accommodate 1" meter or approved equal.

Proposal "B" – 50 each 1" Ford Locking Meter Box Lid, YBL-T with 1-7/8" electronic read hole or approved equal.

Proposal "C" – 1000 each Ford Meter Box packed in individual cardboard box: 5/8" X 3/4" YL 141-243 cast iron yoke box with iron lid with e-read hole and with brass expander connection packed separately, not more than ten (10) per carton. Inlet connection is a 1" pack joint for copper or plastic tubing.

The Ford Meter Box, Inc. yoke box part number YL 141-243-T-NL

Proposal "D" - 150 each Ford Meter Box packed in individual cardboard box: 5/8" X ¾" YL 141-233 cast iron yoke box with iron lid with e-read hole and with brass expander connection packed separately, not more than ten (10) per carton, Inlet connection is a ¾" pack joint for copper or plastic tubing.

The Ford Meter Box, Inc. yoke box part number YL 141-233-T-NL

Proposal "E" - 3500 each 6 ½" X 10" oval plastic/composite locking meter box lid, with flange hanger and stainless steel spring, Fox Acoustics WMBL1, Ford Meter Box YLP-BR (300357) or approved equal.

Proposal "F" – 400 each $\frac{3}{4}$ " Iron pipe thread PVC plugs

Proposal "G" – 350 each YUC-7 Upper Sections for Ford 5/8" X 3/4" Meter Box or approved equal.

Proposal "H" -500 each Model 9501 Grade Adjusters for Ford 5/8" X 3 4" Meter Boxes or approved equal.

Proposal "I" – 1500 each ¾" Waterworks red brass expansion connection for ¾" cast iron meter box settings, packed not more than ten (10) per carton. Expansion Connection shall be a three (3) piece design such as Ford Meter Box Co., Inc. Model # EC-23NL or approved equal.

Proposal "J" -1000 each 3/4" Brass Corporation Stop, Ford F-600NL or approved equal.

Proposal "K" -600 each $\frac{3}{4}$ " FIPT X $\frac{3}{4}$ " FIPT full port bronze body Ball Valve, B11-333NL Ford Ball Valve Curb Stops or approved equal.

Proposal "L" -50 each 1" FIPT X 1" FIPT full port bronze body Ball Valve, B11-444NL Ford Ball Valve Curb Stops or approved equal.

Proposal "M" - 600 each 3 4" Female Copper flare X 1" Pack Joint C.T.S. ell Brass Coupling, Ford L 04-34NL or approved equal

Proposal "N" -250 each 3/4" Female Copper flare X 1" Pack Joint C.T.S. Straight Brass Coupling, Ford C04-34NL or approved equal.

Proposal "O" -150 each $\frac{3}{4}$ " Female Copper flare X $\frac{3}{4}$ " Pack Joint C.T.S. ell Brass Coupling, Ford L04-33NL or approved equal.

Proposal "P"- 100 each 3/4" Female Copper flare X 3/4" Pack Joint C.T.S. straight Brass Coupling, Ford C04-33NL or approved equal.

Proposal "Q" – 100 each ¾" FIPT X ¾" Pack Joint C.T.S. straight Brass Coupling, Ford C14-33NL or approved equal.

Proposal "R" – 200 each $\frac{3}{4}$ " MIPT X $\frac{3}{4}$ " Pack Joint C.T.S. straight Brass Coupling, Ford C84-33NL or approved equal.

Proposal "S" -400 each 3/4" MIPT X 1" Pack Joint C.T.S. straight Brass Coupling, Ford C84-34NL or approved equal.

Proposal. "T" -200 each 1" MIPT X 1" Pack Joint C.T.S. straight Brass Coupling, Ford C84-44NL or approved equal.

Proposal "U" – 500 each 1" Pack Joint X 1" Pack Joint C.T.S. straight Brass Coupling, Ford C44-44NL or approved equal.

Proposal "V" -400 each 1" Pack Joint X 3 4" Pack Joint C.T.S. straight Brass Coupling, Ford C44-34NL or approved equal.

Proposal "W" -200 each $\frac{3}{4}$ " Pack Joint X $\frac{3}{4}$ " Pack Joint C.T.S. straight Brass Coupling, Ford C44-33NL or approved equal.

Proposal "X" – 100 each 6" Service Saddles with ¾" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 6.63 inches to 7.50 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Brass requirement.)

Proposal "Y" - 600 each 8" ID Pipe with ¾" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 9.05 inches to 9.62 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Brass Requirement.)

Proposal "Z" – 100 each 12 inch ID Pipe with ¾" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 13.20 inches to 14.38 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Requirement.)

Proposal "AA" – 600 each 3/4" X 4" Brass nipples (Low Lead Brass required for all surfaces in contact with potable water).

Proposal "BB" -600 each DFW By NDS D109 - Gbox - IVC 6" property valve box with cover or approved equal.

Proposal "CC" -100 each 6" ID Pipe with 1" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 6.63 inches to 7.50 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Requirement.)

Proposal "DD" – 600 each 8" ID Pipe with 1" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 9.05 inches to 9.62 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Requirement.)

Proposal "EE" – 100 each 12" ID Pipe with 1" AWWA tapered thread tap, Bronze Single Strap Service Saddle with OD range of 13.20 inches to 14.38 inches with 2 inch wide brass solid single band, Romac 101B or approved equal. (This product is exempt from the Low Lead Requirement.)

Proposal "FF" - 1000 each 1" Brass Corporation Stop, Ford F-600-4 NL or approved equal.

Proposal "GG" – 600 each 1" Female Copper Flare X 1" Pack Joint C.T.S ell Brass Coupling Ford L04-44 NL or approved equal.

Proposal "HH" – 50 each 1" Iron pipe thread PVC plugs

Proposal "II" – 300' roll 1" SDR 9 CTS HDPE Blue Stripe Pressure Pipe.

Proposal "JJ" – 100' roll 2" SDR 9 CTS HDPE Blue Stripe Pressure Pipe.

Proposal "KK" – 100' roll 1 1/2" SDR 9 CTS HDPE Blue Stripe Pressure Pipe.

Proposal "LL" – 50 each 1" Pack Joint X 1 ½" Pack Joint CTS Straight Brass Coupling, Ford C44-46NL or approved equal.