



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**GALVANIZED CORRUGATED METAL PIPE, RISERS, RINGS, GRATE AND  
BANDS**

City of Morgan City

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)

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## PUBLIC NOTICE

### INVITATION TO BIDDERS

Sealed bids will be received on May 10, 2023, by the City of Morgan City, in the Conference Room, at City Hall, 512 First Street, Morgan City, Louisiana until 10:00 a.m. (local time). Any bids delivered should be delivered to Genie Bonner, Administrative Secretary, City of Morgan City, 512 First Street, Morgan City, Louisiana, no later than 10:00 a.m. (local time), at which time bids will be publicly opened and read aloud for the furnishing of item/items listed below. Subsequent to the opening, the bids will be evaluated by the appropriate party/parties for awarding, rejecting, or holding for further advisement and/or evaluation.

#### GALVANIZED CORRUGATED METAL PIPE RISERS, RINGS, GRATE AND BANDS

Specifications and proposal forms are on file in the office of the Administrative Secretary, City Hall, 512 First Street, Morgan City, Louisiana. If bids are mailed, they shall be addressed as follows: **Ms. Genie Bonner, Administrative Secretary, City of Morgan City, P.O. Box 1218, Morgan City, Louisiana 70381**, and must arrive no later than 10:00 a.m. (local time). The envelope shall be clearly marked – **“BIDS – CORRUGATED METAL PIPE.”** Please contact Ms. Genie Bonner, 985-380-4715 for any clarifications. Bid documents are posted on [www.centralbidding.com](http://www.centralbidding.com) and bids are accepted at Central Bidding.

The LOWEST qualified bid will be the one determined to offer the best advantage to the City of Morgan City. The City of Morgan City reserves the right to reject bids for just cause in the best interest of the City of Morgan City.

(S) Lee Dragna  
Lee Dragna  
Mayor

Publish: April 21, 28 and May 5, 2023

# **GALVANIZED CORRUGATED METAL PIPE**

## **TECHNICAL SPECIFICATIONS**

All products listed herein shall meet all specifications and requirements within the 2016 LADOTD Louisiana Standard Specifications for Roads and Bridges Sections 1007 Metal Pipe. Pipe is to be constructed and intended for use in storm drain and/or similar use. Unless stated on the bid form, pipe wall thickness shall be 16 gauge.

Band couplers are to be no less than 24" wide and is to be fabricated using the same material used to manufacture the pipe and to match perfectly with the corrugated metal pipe.

Lifting lugs shall be included in the cost of the pipe.

Cast Iron Ring & Grate are to be included in Riser, Ring and Grate bid price.

All quoted prices must be F.O.B destination, freight prepaid and allowed.

❖ Prices shall remain in Effect for one (1) year from time of acceptance of bid.

### **Section 1007**

#### **Metal Pipe**

**1007.01 CORRUGATED STEEL PIPE AND PIPE ARCH.** Metal pipe shall be qualified products as determined by the Construction Fabrication Unit. Comply with the requirements of Type I (culvert pipes, circular section) and Type II (culvert pipes, other than circular section) of AASHTO M 36 amended as follows:

1. Pipe and pipe arch shall be galvanized in accordance with AASHTO M 218.
2. Elbows, tees, and other in-line fittings shall be fabricated from sheets of the same thickness and coating material as the pipe or pipe arch to which they are joined. Flared end sections shall be as specified.
3. Shop-formed elliptical pipe and shop-strutted pipe shall be furnished when specified.
4. For helical pipe, no coil splices at pipe manufacturing plants will be allowed for pipe 30 inches in diameter or less.
5. Helical pipe shall have annular ends and shall have the ends of seams welded a minimum of 2 inches. Helical pipe ends shall be rerolled a minimum of two full standard corrugations to the same corrugation depth as the pipe when used with the appropriate jointing system.
6. Pipe arch dimensions shall comply with AASHTO M 245 and Table 1007-1 of this section.
7. A minimum of two approved lifting lugs shall be provided on pipe larger than 30 inches in diameter, pipe arch larger than 30 inches in equivalent diameter, and any diameter of pipe or pipe arch longer than 30 feet.

8. Damaged metallic coating shall either be recoated or shall be repaired with a cold galvanizing repair compound from the Approved Materials List.

**1007.02 BITUMINOUS COATED CORRUGATED STEEL PIPE AND PIPE**

**ARCH.** These conduits shall be coated in accordance with AASHTO M 190 amended as follows:

1. AASHTO M 36 is amended in accordance with 1007.01
2. Coating shall be Type A, fully bituminous coated.

**1007.03 BITUMINOUS COATED CORRUGATED STEEL UNDERDRAIN**

**PIPE.** Pipe and coupling bands shall comply with the requirements of Type III (underdrain pipes) of AASHTO M 36. The pipe shall be coated with a bituminous material in accordance with AASHTO M 190, Type A coating, except the minimum coating thickness shall be 0.03 inch. The specified minimum diameter of perforations shall apply after coating. Minimum sheet thickness shall be 0.064 inch (16 gage).

**1007.04 STRUCTURAL PLATE FOR PIPE, PIPE ARCH AND ARCH.**

Comply with AASHTO M 167 for steel, and AASHTO M 219 for aluminum.

**1007.05 CORRUGATED ALUMINUM PIPE AND PIPE ARCH.**

Comply with AASHTO M 196 with the following exceptions:

1. Helical pipe shall have annular ends and shall have the ends of seams welded a minimum of 2 inches. Helical pipe ends shall be rerolled a minimum of two full standard corrugations to the same corrugation depth as the pipe when used with the appropriate jointing system.
2. Pipe arch dimensions shall comply with Table 1007-1.
3. A minimum of two approved lifting lugs shall be provided on pipe larger than 30 inches diameter, pipe arch larger than 30 inches equivalent diameter, and any diameter of pipe or pipe arch longer than 30 feet.
4. Aluminum alloy sheet used in fabricating pipe shall conform to the applicable requirements of AASHTO M 197 for Alclad Alloy 3004-H34 for annular pipe, and Alclad Alloy 3004-H32 for helical pipe.

**1007.06 CORRUGATED ALUMINUM UNDERDRAIN PIPE.**

Pipe and coupling bands shall comply with the requirements of Type III (underdrain pipes) of AASHTO M 196. Minimum sheet thickness shall be 0.060 inch (16 gage).

**1007.07 PIPE ARCH DIMENSIONS.** Pipe arch dimensions shall comply with Table 1007-1. Pipe arch tolerances shall comply with the plans.

**Table 1007-1**  
**Metal Pipe Arch Dimensions (Inches)**

	Steel & Aluminum	Steel
Round Equivalent (Inches)	2 2/3 in. by 1/2 in. Corrugation	3 in. or 5 in. by 1 in. Corrugation
15	17 x 13	—
18	21 x 15	—
21	24 x 18	—
24	28 x 20	—
30	35 x 24	—
36	42 x 29	40 x 31
42	49 x 33	46 x 36
48	57 x 38	53 x 41
54	64 x 43	60 x 46
60	71 x 47	66 x 51
66	77 x 52	73 x 55
72	83 x 57	81 x 59
78	—	87 x 63
84	—	95 x 67
90	—	103 x 71
96	—	112 x 75
102	—	117 x 79
108	—	128 x 83
114	—	137 x 87
120	—	142 x 91

**1007.08 PIPE JOINT SYSTEMS.** Metal pipe joint systems shall comply With 1018.03 and shall be as shown on the plans. A Type 2 or 3 joint system may be substituted for a Type 1 joint system; a Type 3 joint system may be substituted for a Type 2 joint system. For Type 1 joints, provide at least one line of approved gasket material under the band on each pipe end.

**1007.08.1 Coupling Bands:** Coupling bands for joining metal conduit shall be approved by the DOTD Materials Engineer Administrator and shall comply with AASHTO M 36 for steel conduit and AASHTO M 196 for aluminum conduit with the following modifications: Bands shall be of an approved design and shall be fabricated from metal sheets of the same material as the conduit. The band thickness shall be the same as the conduit thickness with a maximum of 12 gage. Coating shall be the same as used on the conduit. Minimum band width shall be 12 inches.

**1007.08.2 Steel Banding Rods:** Comply with AASHTO M 270, Grade 36 (M 270M, Grade 250). Welding of rods will not be permitted. No more than two splices will be allowed.

**1007.08.3 Hardware:** Hardware shall be galvanized in accordance with ASTM A153 or B633, Class Fe/Zn 25 or an approved mechanical galvanizing process complying with ASTM B695 that provides the same coating thickness.

**1007.08.4.1 Gaskets:** Gaskets for pipe joint systems shall be from the Approved Materials List.

**1007.08.4.1 Rubber Gaskets:** Comply with ASTM C443. Each rubber gasket shall be identified with a batch or lot number. Gasket cross section shall be the following:

For pipe 36 inches in diameter or less, gasket cross section shall be 13/16-inch.

For pipe greater than 36 inches in diameter, with 1/2-inch deep corrugations, gasket cross section shall be 7/8-inch.

For pipe greater than 36 inches in diameter with 1-inch deep corrugations, gasket cross section shall be 1 3/8-inches.

**1007.08.4.2 Preformed Flexible Gaskets:** Comply with ASTM C990. Gasket material shall be a minimum of 1 inch for 1/2-inch corrugation depth, and a minimum of 1 1/2 inches for 1-inch corrugation depth.

**1007.09 CAST IRON SOIL PIPE AND FITTINGS.** Comply with ASTM A74. Joints shall be made with rubber gaskets complying with ASTM C564.

**1007.10 DUCTILE IRON PIPE.** Comply with ANSI A 21.51.

**1007.11 BLACK AND GALVANIZED WELDED AND SEAMLESS STEEL PIPE.** Steel pipe for ordinary uses shall comply with ASTM A53.

# CORRUGATED METAL PIPE

## BID FORM

### ROUND GALVANIZED PIPE

Lifting Lugs to be included in cost of pipe

ITEM	SIZE	GAUGE	CORRUGATION	PRICE PER FOOT
1	12"	16	2 2/3" X 1/2"	\$ 23.97
2	15"	16	2 2/3" X 1/2"	\$ 29.30
3	18"	16	2 2/3" X 1/2"	\$ 36.48
4	24"	16	2 2/3" X 1/2"	\$ 45.53
5	30"	16	2 2/3" X 1/2"	\$ 57.23
6	36"	16	2 2/3" X 1/2"	\$ 67.33
7	42"	16	2 2/3" X 1/2"	\$ 84.55
8	48"	16	2 2/3" X 1/2"	\$ 95.95
9	60"	16	3"x1" <del>2 2/3" X 1/2"</del>	\$ 143.47
10	72"	16	3" X 1"	\$ 184.77
11	84"	16	3" X 1"	\$ 222.90
12	96"	14 <del>16</del>	3" X 1"	\$ 299.59
13	108"	14 <del>16</del>	3" X 1"	\$ 336.23
14	120"	14 <del>16</del>	3" X 1"	\$ 387.65

**CORRUGATED METAL PIPE****BID FORM****GALVANIZED BANDS****Bands must match pipe. Band couplers are to be no less than 24" wide**

ITEM	SIZE	GAUGE	CORRUGATION	PRICE PER
15	12" galvanized band	16	To match pipe	\$ 137.87
16	15" galvanized band	16	To match pipe	\$ 168.50
17	18" galvanized band	16	To match pipe	\$ 209.80
18	24" galvanized band	16	To match pipe	\$ 261.80
19	30" galvanized band	16	To match pipe	\$ 329.12
20	36" galvanized band	16	To match pipe	\$ 387.18
21	42" galvanized band	16	To match pipe	\$ 486.18
22	42" galvanized band	16	To match pipe	\$ 486.18
23	48" galvanized band	16	To match pipe	\$ 551.75
24	60" galvanized band	16	To match pipe	\$ 825.00
25	72" galvanized band	16	To match pipe	\$ 1,062.43
26	84" galvanized band	16	To match pipe	\$ 1,281.68
27	96" galvanized band	16	To match pipe	\$ 1,722.68
28	108" galvanized band	16	To match pipe	\$ 1,933.37
29	120" galvanized band	16	To match pipe	\$ 2,229.00



**CORRUGATED METAL PIPE****BID FORM****RISER, RING AND GRATE****Cast Iron Ring & Grate are to be included in bid price**

ITEM	SIZE	GUAGE	PRICE PER
30	12" Galvanized Riser on 12" round galvanized pipe	16	\$ 479.41
31	12" Galvanized Riser on 15" round galvanized pipe	16	\$ 479.41
32	12" Galvanized Riser on 18" round galvanized pipe	16	\$ 479.41
33	12" Galvanized Riser on 24" round galvanized pipe	16	\$ 479.41
34	12" Galvanized Riser on 30" round galvanized pipe	16	\$ 479.41
35	12" Galvanized Riser on 36" round galvanized pipe	16	\$ 479.41
36	12" Galvanized Riser on 42" round galvanized pipe	16	\$ 479.41
37	24" Galvanized Riser on 48" round galvanized pipe	16	\$ 1,088.23
38	24" Galvanized Riser on 60" round galvanized pipe	16	\$ 1,088.23
39	24" Galvanized Riser on 72" round galvanized pipe	16	\$ 1,088.23
40	24" Galvanized Riser on 84" round galvanized pipe	16	\$ 1,088.23
41	24" Galvanized Riser on 96" round galvanized pipe	16	\$ 1,088.23
42	24" Galvanized Riser on 108" round galvanized pipe	16	\$ 1,088.23
43	36" Galvanized Riser on 120" round galvanized pipe	16	\$ 1,528.23

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