
CITY OF PORT LAVACA

MEETING: SEPTEMBER 19, 2023 **AGENDA ITEM** 4d

DATE: 09.14.2023

TO: PORT COMMISSION BOARD MEMBERS CC: JIM RUDELLAT, HARBOR MASTER

FROM: JODY WEAVER, INTERIM CITY MANAGER

SUBJECT: **HARBOR OF REFUGE RAILROAD CULVERT REPLACEMENT**

Background:

As you recall in April, the Port Commission made a recommendation to Council to solicit bids to replace the culvert in Corporation Ditch under the railroad in the Harbor of Refuge. In June, City Council approved Urban Engineering Task Order #32 to prepare bid documents. Plans were prepared to install 2 ea. 96" polymer coated Galvanized corrugated pipe. This allows for increased runoff that will come with future development.

We submitted the plans for UPRR review in accordance with out 1971 Track Agreement on 8.09.23.

Bids were opened on Wednesday September 6. Although we were anticipating at least two bids, only one was received from Lester Contracting, Inc. A bid tabulation is attached.

The Base Bid of \$749,850 is for the pipe specification that is specified by Union Pacific (8 Guage thickness and comes only from Illinois with a lead time of 10-12 weeks). Alternate Bid No. 1 is for an alternate pipe specification that meets railroad E80 loading but is less expensive and is more available with a lead time of 4-6 weeks. We were unable to get any feedback from the railroad regarding the alternate pipe specification prior to bidding, so we bid both alternatives.

Lester Contracting states that once they have the pipe, the actual work will take approximately 30 days.

Our request for approval to use the alternate pipe spec has been submitted to UPRR engineering, but we do not anticipate a response until next week. My contact at UPRR stated that as long as the pipe meets the required E80 loading then it will probably be OK, but it is not his call.

Financial Impact:

The adopted FY 2023-24 Capital Improvement Plan has \$300,000 budgeted for this culvert work, so we will require another \$449,850 or \$339,850 from General Fund Reserves depending upon which alternate we are able to construct.

I have provided the bid tabulation to Helena and asked them to let us know how they can participate financially. They have an internal meeting scheduled for early next week to discuss. City Council voted to table a decision on a construction contract award until September 25 to provide time to hear back from Helena Chemical.

Photographs of existing conditions:

CITY OF PORT LAVACA



Photograph of upstream side this summer after a rain
Note the collapsed end of the pipe on the left.



View from the downstream end of one of the
Pipes.



View of collapsed pipe on upstream side after clearing operations



View of upstream side after clearing operations

BID TABULATION					
CITY OF PORT LAVACA					
HARBOR OF REFUGE RAILROAD CULVERT REPLACEMENT					
U.E. JOB #E25760.00					
BID OPENING: SEPTEMBER 6, 2023					
				Lester Contracting, Inc.	
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
BASE BID					
GENERAL					
1.	Mobilization, Insurance and Bonds (Maximum 5% of Base Bid)	1	LS	\$ 28,000.00	\$ 28,000.00
2.	Barricading & Traffic Control (Furnish, Install, Maintain & Remove Signs & Warning Devices) (Includes Flagmen, Traffic Handling & Temporary Striping)	1	LS	\$ 2,000.00	\$ 2,000.00
3.	Construction Staking	1	LS	\$ 4,000.00	\$ 4,000.00
4.	Dewatering per Section 01563	1	LS	\$ 39,000.00	\$ 39,000.00
5.	Remove and Reinstall Railroad Track as required for Culvert Installation	1	LS	\$ 26,000.00	\$ 26,000.00
6.	Install new Railroad Tie (as directed by the Engineer)	10	EA	\$ 450.00	\$ 4,500.00
7.	Foundation Stone (3" x 5" Limestone, as directed by the Engineer)	250	TONS	\$ 75.00	\$ 18,750.00
8.	Storm Sewer (96" Polymer Coated, Galvanized Corrugated Metal Pipe)	200	LF	\$ 2,650.00	\$ 530,000.00
9.	Limestone Rip Rap (UPRR Class II)	600	TONS	\$ 160.00	\$ 96,000.00
10.	Trench Excavation Protection (Storm Sewer) (> 5' Cut)	200	LF	\$ 8.00	\$ 1,600.00
TOTAL BASE BID					\$ 749,850.00
ALTERNATE BID NO. 1					
A1.	Modify Pipe Specification (96" 12 ga, Helical Lock Seam, Polymer Coated Corrugated Metal Pipe)	200	LF	\$ (550.00)	\$ (110,000.00)
TOTAL ALTERNATE BID NO. 1					\$ (110,000.00)
TOTAL BASE BID + ALTERNATE BID NO. 1					\$ 639,850.00
CALENDAR DAYS TO SUBSTANTIAL COMPLETION					140