

November 7, 2024

Mr. Timothy Lynch – City Manager
City of Buchanan
302 N. Redbud Trail
Buchanan, MI 49107

Re: Recommendation for Contract Award - Structural Repairs to McCoy Creek Culvert

Mr. Lynch,

On November 4, 2024, one (1) bid was received for the Structural Repairs to the McCoy Creek Culvert in Buchanan, MI. The project was published in the Niles Daily Star on October 12, 2024, and the advertisement for bid was distributed to approximately 10 potential area contractors believed to be capable of completing the project. During the bid process, 12 plan holders registered on the online bidding site. Ultimately only one bid was received, likely due to the volume of construction work that is either ongoing or upcoming.

Per your request, Abonmarche checked the bids for completeness and accuracy. The bid contained the required bid security and bid qualifications statement. Riverworks has since provided a proposed subcontractor list, evidence of authority to do business in the state, and Contractor's license information. A summary of the bid tabulation is provided below:

Original Bid Summary

<i>Bidder</i>	<i>Bid Bond</i>	<i>Bid</i>
Engineer's Estimate	-	\$783,717.25
Riverworks Construction	✓	\$720,550.00

Revised Quantities

After receipt of bids, Abonmarche discovered the original bid quantities are based upon 100 feet of culvert repair, while plans depict 92 feet of repair. The bid list was updated and populated, holding both the engineer's estimated unit costs and the Riverworks Construction unit costs. The revised bid list was presented to Riverworks and they have confirmed that the revised quantities are acceptable with a slight increase in the general conditions lump sum amount. The following is a summary of the revised quantity bid.

<i>Bidder</i>	<i>Bid Bond</i>	<i>Bid</i>
Engineer's Estimate	-	\$737,279.75
Riverworks Construction	✓	\$702,230.00

The low and only bid was submitted by **Riverworks Construction of Holland, MI**. Their bid appears to meet the requirements of the contract documents.

Abonmarche recommends awarding the contract to **Riverworks Construction** for the revised quantities that reflect contract drawings in the amount of **\$702,230.00**. Abonmarche also recommends budgeting for at least a 10% contingency in case unanticipated construction costs are incurred. If you have any questions or comments on our recommendation, please feel free to contact me.

Sincerely,
ABONMARCHE



Luke Peksanak, PE
Staff Engineer



Michael Morphe, PE, LEED AP
Waterfront Group Director

CC: Scott Leblang, PE
Martin Rivas, PE



Project Name: City of Buchanan McCoy Creek Culvert Project
Project Number: 24-0328
Created by: MR
Date: Thursday, November 7, 2024, 10 am ET

City of Buchanan McCoy Creek Culvert Project - Bid Tabulation

BASE BID - Bid Form Table					Bid received:		Engineer's Opinion of Probable Cost	
					Based on 92'			
Item No.	Description	Estimated Quantity (Drawings)	Estimated Quantity (Bid Tab)	Unit	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization, Max (8%)	1.00	1.00	LSUM	\$58,000.00	\$ 58,000.00	\$44,988.80	\$ 44,988.80
2	SESC Permit & SESC Measures	1.00	1.00	LSUM	\$7,000.00	\$ 7,000.00	\$5,000.00	\$ 5,000.00
3	Local Dewatering (As Needed)	1.00	1.00	LSUM	\$9,000.00	\$ 9,000.00	\$20,000.00	\$ 20,000.00
4	Concrete Sidewalk, Remove	260.00	280.00	SYD	\$85.00	\$ 22,100.00	\$12.00	\$ 3,120.00
5	Excavation/Earthwork Grading	1.00	1.00	LSUM	\$45,000.00	\$ 45,000.00	\$5,000.00	\$ 5,000.00
6	Curb and Gutter, Remove	92.00	100.00	FT	\$10.00	\$ 920.00	\$20.00	\$ 1,840.00
7	Culvert Stone Wall, Partial Remove	92.00	100.00	FT	\$80.00	\$ 7,360.00	\$125.00	\$ 11,500.00
8	Culvert Concrete Counterfort Wall, Partial Remove	92.00	100.00	FT	\$100.00	\$ 9,200.00	\$125.00	\$ 11,500.00
9	General Conditions	1.00	1.00	LSUM	\$65,000.00	\$ 65,000.00	\$5,000.00	\$ 5,000.00
10	Site Control	1.00	1.00	LSUM	\$30,000.00	\$ 30,000.00	\$2,500.00	\$ 2,500.00
11	Site Restoration	1.00	1.00	LSUM	\$25,000.00	\$ 25,000.00	\$2,500.00	\$ 2,500.00
12	Existing Pavers, Salvage/Re-Use	1500.00	1600.00	SFT	\$5.00	\$ 7,500.00	\$15.00	\$ 22,500.00
13	Cast-in-place Conc. Cap	260.00	280.00	SYD	\$550.00	\$ 143,000.00	\$650.00	\$ 169,000.00
14	Steel Sheet Piling Cantilever System (20' Length)	184.00	200.00	FT	\$500.00	\$ 92,000.00	\$1,000.00	\$ 184,000.00
15	Steel Braces, W12X30 @ 8' O.C.	12.00	13.00	EA	\$10,000.00	\$ 120,000.00	\$3,000.00	\$ 36,000.00
16	6" Jet Filter Weep Holes @ 10' O.C.	10.00	10.00	EA	\$3,500.00	\$ 35,000.00	\$500.00	\$ 5,000.00
17	Utility Penetrations, Improvements, Repairs	1.00	1.00	LSUM	\$7,000.00	\$ 7,000.00	\$25,000.00	\$ 25,000.00
18	Pedestrian Safety Signage	1.00	1.00	LSUM	\$5,000.00	\$ 5,000.00	\$2,000.00	\$ 2,000.00
19	Electrical/Irrigation System Repairs Allowance	1.00	1.00	LSUM	\$5,500.00	\$ 5,500.00	\$15,000.00	\$ 15,000.00
20	HMA Removal	215.00	225.00	SY	\$10.00	\$ 2,150.00	\$25.00	\$ 5,375.00
21	Concrete, Misc, 6", Non-Reinforced	65.00	70.00	SY	\$100.00	\$ 6,500.00	\$200.00	\$ 13,000.00
	Construction Subtotal:	1.00	1.00	TOTAL	--	\$ 702,230.00	--	\$ 589,823.80
	+25% - Construction Contingency:	25%	25%	--	--	--	--	\$ 147,455.95
					BASE BID TOTAL	\$702,230.00	TOTAL	\$737,279.75

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City of Buchanan McCoy Creek Culvert Project - Bid Tabulation

BASE BID - Bid Form Table					Bid received:		Engineer's Opinion of Probable Cost	
					Based on 100'			
Item No.	Description	Estimated Quantity (Drawings)	Estimated Quantity (Bid Tab)	Unit	Unit Price	Extended Price	Unit Price	Extended Price
1	Mobilization, Max (8%)	1.00	1.00	LSUM	\$58,000.00	\$ 58,000.00	\$44,988.80	\$ 44,988.80
2	SESC Permit & SESC Measures	1.00	1.00	LSUM	\$7,000.00	\$ 7,000.00	\$5,000.00	\$ 5,000.00
3	Local Dewatering (As Needed)	1.00	1.00	LSUM	\$9,000.00	\$ 9,000.00	\$20,000.00	\$ 20,000.00
4	Concrete Sidewalk, Remove	260.00	280.00	SYD	\$85.00	\$ 23,800.00	\$12.00	\$ 3,360.00
5	Excavation/Earthwork Grading	1.00	1.00	LSUM	\$45,000.00	\$ 45,000.00	\$5,000.00	\$ 5,000.00
6	Curb and Gutter, Remove	92.00	100.00	FT	\$10.00	\$ 1,000.00	\$20.00	\$ 2,000.00
7	Culvert Stone Wall, Partial Remove	92.00	100.00	FT	\$80.00	\$ 8,000.00	\$125.00	\$ 12,500.00
8	Culvert Concrete Counterfort Wall, Partial Remove	92.00	100.00	FT	\$100.00	\$ 10,000.00	\$125.00	\$ 12,500.00
9	General Conditions	1.00	1.00	LSUM	\$50,000.00	\$ 50,000.00	\$5,000.00	\$ 5,000.00
10	Site Control	1.00	1.00	LSUM	\$30,000.00	\$ 30,000.00	\$2,500.00	\$ 2,500.00
11	Site Restoration	1.00	1.00	LSUM	\$25,000.00	\$ 25,000.00	\$2,500.00	\$ 2,500.00
12	Existing Pavers, Salvage/Re-Use	1500.00	1600.00	SFT	\$5.00	\$ 8,000.00	\$15.00	\$ 24,000.00
13	Cast-in-place Conc. Cap	260.00	280.00	SYD	\$550.00	\$ 154,000.00	\$650.00	\$ 182,000.00
14	Steel Sheet Piling Cantilever System (20' Length)	184.00	200.00	FT	\$500.00	\$ 100,000.00	\$1,000.00	\$ 200,000.00
15	Steel Braces, W12X30 @ 8' O.C.	12.00	13.00	EA	\$10,000.00	\$ 130,000.00	\$3,000.00	\$ 39,000.00
16	6" Jet Filter Weep Holes @ 10' O.C.	10.00	10.00	EA	\$3,500.00	\$ 35,000.00	\$500.00	\$ 5,000.00
17	Utility Penetrations, Improvements, Repairs	1.00	1.00	LSUM	\$7,000.00	\$ 7,000.00	\$25,000.00	\$ 25,000.00
18	Pedestrian Safety Signage	1.00	1.00	LSUM	\$5,000.00	\$ 5,000.00	\$2,000.00	\$ 2,000.00
19	Electrical/Irrigation System Repairs Allowance	1.00	1.00	LSUM	\$5,500.00	\$ 5,500.00	\$15,000.00	\$ 15,000.00
20	HMA Removal	215.00	225.00	SY	\$10.00	\$ 2,250.00	\$25.00	\$ 5,625.00
21	Concrete, Misc, 6", Non-Reinforced	65.00	70.00	SY	\$100.00	\$ 7,000.00	\$200.00	\$ 14,000.00
	Construction Subtotal:	1.00	1.00	TOTAL	--	\$ 720,550.00	--	\$ 626,973.80
	+25% - Construction Contingency:	25%	25%	--	--	--	--	\$ 156,743.45
					BASE BID TOTAL	\$720,550.00	TOTAL	\$783,717.25