

**Black Creek Consolidated Drain - Division II**

**Bid Opening:** July 20, 2020 at 1:10 PM

**Location:** Muskegon County Drain Commissioner's Office  
141 E. Apple Avenue, Muskegon, MI 49442

*Engineer's Estimate*  
Land & Resource Engineering  
2121 3 Mile Rd NW  
Walker, MI 49544

*Low Bidder*  
Jackson-Merkey Contractors, Inc.  
3430 Lund Avenue  
Muskegon, MI 49442

*Second Low Bidder*  
Wadel Stabilization, Inc.  
2500 N. Oceana Drive  
Hart, MI 49420

Milbocker & Sons, Inc.  
1256 29th Street  
Allegan, MI 49010

Item	Description	Qty.	Unit	Unit Price	Amount						
1	1500001 - Mobilization, Max 10%	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 245,000.00	\$ 245,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
2	2030001 - Culv, Rem, Less than 24 inch	1	EA	\$ 500.00	\$ 500.00	\$ 395.00	\$ 395.00	\$ 1,985.00	\$ 1,985.00	\$ 800.00	\$ 800.00
3	2030002 - Culv, Rem, 24 - 48 inch	3	EA	\$ 1,000.00	\$ 3,000.00	\$ 3,300.00	\$ 9,900.00	\$ 4,020.00	\$ 12,060.00	\$ 8,750.00	\$ 26,250.00
4	2030003 -Culv, Rem, Over 48 inch	8	EA	\$ 5,000.00	\$ 40,000.00	\$ 10,300.00	\$ 82,400.00	\$ 12,620.00	\$ 100,960.00	\$ 18,750.00	\$ 150,000.00
5	2030007 - Culv, End, Rem, Over 48 inch	12	EA	\$ 1,000.00	\$ 12,000.00	\$ 2,520.00	\$ 30,240.00	\$ 4,300.00	\$ 51,600.00	\$ 1,900.00	\$ 22,800.00
6	2037050 - Structures, Rem, Modified	2	EA	\$ 10,000.00	\$ 20,000.00	\$ 7,410.00	\$ 14,820.00	\$ 33,980.00	\$ 67,960.00	\$ 98,500.00	\$ 197,000.00
7	2057001 - Open Drain Construction	60	LF	\$ 20.00	\$ 1,200.00	\$ 52.00	\$ 3,120.00	\$ 100.00	\$ 6,000.00	\$ 74.00	\$ 4,440.00
8	2057002 - Roadway Grading	5.3	STA	\$ 1,500.00	\$ 7,950.00	\$ 5,050.00	\$ 26,765.00	\$ 7,050.00	\$ 37,365.00	\$ 4,500.00	\$ 23,850.00
9	2080036 - Erosion Control, Silt Fence	500	LF	\$ 5.00	\$ 2,500.00	\$ 3.20	\$ 1,600.00	\$ 3.00	\$ 1,500.00	\$ 2.50	\$ 1,250.00
10	2080012 - Erosion Control, Check Dam, Stone	200	LF	\$ 50.00	\$ 10,000.00	\$ 38.50	\$ 7,700.00	\$ 35.00	\$ 7,000.00	\$ 35.00	\$ 7,000.00
11	2080026 - Erosion Control, Maintenance, Sediment Removal	40	CY	\$ 20.00	\$ 800.00	\$ 35.00	\$ 1,400.00	\$ 25.00	\$ 1,000.00	\$ 25.00	\$ 1,000.00
12	2090001 - Project Cleanup	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 8,050.00	\$ 8,050.00	\$ 2,750.00	\$ 2,750.00	\$ 2,500.00	\$ 2,500.00
13	3010002 - Subbase CIP	240	CY	\$ 20.00	\$ 4,800.00	\$ 27.50	\$ 6,600.00	\$ 2.00	\$ 480.00	\$ 28.00	\$ 6,720.00
14	3020020 - Aggregate Base, 8 inch	879	SY	\$ 15.00	\$ 13,185.00	\$ 14.50	\$ 12,745.50	\$ 20.00	\$ 17,580.00	\$ 15.00	\$ 13,185.00
15	3060020 - Aggregate Surface Cse, 8 inch	330	SY	\$ 15.00	\$ 4,950.00	\$ 14.50	\$ 4,785.00	\$ 19.50	\$ 6,435.00	\$ 14.00	\$ 4,620.00
16	3070126 - Shoulder, CI II, 4 inch	64	SY	\$ 8.00	\$ 512.00	\$ 12.00	\$ 768.00	\$ 28.00	\$ 1,792.00	\$ 19.00	\$ 1,216.00
17	4010609 - Culv, CI F, 18 inch	20	LF	\$ 75.00	\$ 1,500.00	\$ 32.50	\$ 650.00	\$ 65.00	\$ 1,300.00	\$ 175.00	\$ 3,500.00
18	4010018 - Culv End Sect, 18 inch	2	EA	\$ 750.00	\$ 1,500.00	\$ 465.00	\$ 930.00	\$ 750.00	\$ 1,500.00	\$ 500.00	\$ 1,000.00
19	4017001 - Culv, CSP Arch, Aluminized Type 2, 112 inch by 75 inch	56	LF	\$ 500.00	\$ 28,000.00	\$ 615.00	\$ 34,440.00	\$ 1,660.00	\$ 92,960.00	\$ 1,200.00	\$ 67,200.00
20	4017050 - Culv, Precast Conc Wingwall, Porter	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 13,300.00	\$ 53,200.00	\$ 10,900.00	\$ 43,600.00	\$ 11,500.00	\$ 46,000.00
21	4017050 - Culv, Precast Conc Wingwall, Barnes Rd	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 15,700.00	\$ 62,800.00	\$ 12,040.00	\$ 48,160.00	\$ 11,500.00	\$ 46,000.00
22	4017050 - Culv, Precast Conc Wingwall, Bossett Rd	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 11,100.00	\$ 44,400.00	\$ 8,500.00	\$ 34,000.00	\$ 11,500.00	\$ 46,000.00
23	4017050 - Culv, Precast Conc Wingwall, Sullivan Rd	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 11,800.00	\$ 47,200.00	\$ 9,120.00	\$ 36,480.00	\$ 11,500.00	\$ 46,000.00
24	4017050 - Culv, Precast Conc Wingwall, Swanson Rd	4	EA	\$ 20,000.00	\$ 80,000.00	\$ 19,900.00	\$ 79,600.00	\$ 16,680.00	\$ 66,720.00	\$ 11,500.00	\$ 46,000.00
25	4017050 - Culv, End Section 6 foot by 5 foot	2	EA	\$ 15,000.00	\$ 30,000.00	\$ 6,440.00	\$ 12,880.00	\$ 14,550.00	\$ 29,100.00	\$ 4,500.00	\$ 9,000.00
26	4017050 - Culv, End Section 10 foot by 6 foot	2	EA	\$ 15,000.00	\$ 30,000.00	\$ 10,900.00	\$ 21,800.00	\$ 27,320.00	\$ 54,640.00	\$ 6,500.00	\$ 13,000.00
27	4027001 - 18 inch HDPE Dual Wall Storm Sewer	30	LF	\$ 50.00	\$ 1,500.00	\$ 37.00	\$ 1,110.00	\$ 65.00	\$ 1,950.00	\$ 95.00	\$ 2,850.00
28	4027050 - 18 inch HDPE Dual Wall 45 Deg Ben	4	EA	\$ 500.00	\$ 2,000.00	\$ 255.00	\$ 1,020.00	\$ 500.00	\$ 2,000.00	\$ 220.00	\$ 880.00
29	4067001 - Culv, Precast Conc Box, 6 foot by 5 foot	60	LF	\$ 1,000.00	\$ 60,000.00	\$ 1,590.00	\$ 95,400.00	\$ 1,050.00	\$ 63,000.00	\$ 1,950.00	\$ 117,000.00
30	4067001 - Culv, Precast Conc Box, 10 foot by 5 foot	96	LF	\$ 1,750.00	\$ 168,000.00	\$ 1,900.00	\$ 182,400.00	\$ 1,840.00	\$ 176,640.00	\$ 2,300.00	\$ 220,800.00
31	4067001 - Culv, Precast Conc Box, 10 foot by 6 foot	162	LF	\$ 2,000.00	\$ 324,000.00	\$ 1,950.00	\$ 315,900.00	\$ 1,725.00	\$ 279,450.00	\$ 2,750.00	\$ 445,500.00
32	4067001 - Culv, Precast Conc Box, 12 foot by 6 foot	56	LF	\$ 2,250.00	\$ 126,000.00	\$ 2,130.00	\$ 119,280.00	\$ 2,010.00	\$ 112,560.00	\$ 3,500.00	\$ 196,000.00
33	4067001 - Culv, Precast Conc Box, 16 foot by 8 foot	48	LF	\$ 2,500.00	\$ 120,000.00	\$ 3,060.00	\$ 146,880.00	\$ 2,790.00	\$ 133,920.00	\$ 4,400.00	\$ 211,200.00
34	4067001 - Culv, Precast Conc Box, 26 foot by 5 foot	40	LF	\$ 3,500.00	\$ 140,000.00	\$ 4,480.00	\$ 179,200.00	\$ 4,520.00	\$ 180,800.00	\$ 5,500.00	\$ 220,000.00
35	4067050 - Bypass Pumping, Porter	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 35,300.00	\$ 35,300.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
36	4067050 - Bypass Pumping, Smith and Mulder No. 2	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 35,300.00	\$ 35,300.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
37	4067050 - Bypass Pumping, Bailey Rd	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 35,300.00	\$ 35,300.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
38	4067050 - Bypass Pumping, Barnes Rd (Muskegon-Newaygo Drain)	1	EA	\$ 30,000.00	\$ 30,000.00	\$ 150,700.00	\$ 150,700.00	\$ 120,000.00	\$ 120,000.00	\$ 12,500.00	\$ 12,500.00
39	4067050 - Bypass Pumping, Barnes Rd (Smith & Mulder Drain)	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 35,300.00	\$ 35,300.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
40	4067050 - Bypass Pumping, Bossett Rd	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 35,300.00	\$ 35,300.00	\$ 40,000.00	\$ 40,000.00	\$ 12,500.00	\$ 12,500.00
41	4067050 - Bypass Pumping, Hall Rd	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 35,300.00	\$ 35,300.00	\$ 40,000.00	\$ 40,000.00	\$ 12,500.00	\$ 12,500.00
42	4067050 - Bypass Pumping, Sullivan Rd	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 35,300.00	\$ 35,300.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
43	4067050 - Bypass Pumping, Swanson Rd	1	EA	\$ 30,000.00	\$ 30,000.00	\$ 63,500.00	\$ 63,500.00	\$ 120,000.00	\$ 120,000.00	\$ 12,500.00	\$ 12,500.00
44	4067050 - Bypass Pumping, White Rd	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 35,300.00	\$ 35,300.00	\$ 40,000.00	\$ 40,000.00	\$ 12,500.00	\$ 12,500.00
45	5010005 - HMA Surface, Rem	240	SY	\$ 20.00	\$ 4,800.00	\$ 15.00	\$ 3,600.00	\$ 21.00	\$ 5,040.00	\$ 25.00	\$ 6,000.00
46	5010033 - HMA, 13A	225	Ton	\$ 150.00	\$ 33,750.00	\$ 250.00	\$ 56,250.00	\$ 250.00	\$ 56,250.00	\$ 250.00	\$ 56,250.00
47	8070105 - Guardrail, Reconst, Type B	310	LF	\$ 20.00	\$ 6,200.00	\$ 22.00	\$ 6,820.00	\$ 30.00	\$ 9,300.00	\$ 22.00	\$ 6,820.00
48	8110232 - Pvt Mrkg, Waterborne 4 inch, Yellow	270	LF	\$ 1.00	\$ 270.00	\$ 1.50	\$ 405.00	\$ 1.50	\$ 405.00	\$ 1.50	\$ 405.00
49	8110233 - Pavt Mrkg, Waterborne 6 inch, White	410	LF	\$ 1.00	\$ 410.00	\$ 2.00	\$ 820.00	\$ 2.00	\$ 820.00	\$ 2.00	\$ 820.00
50	8127051 - Maintaining Traffic, Division II	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 70,600.00	\$ 70,600.00	\$ 67,927.00	\$ 67,927.00	\$ 197,500.00	\$ 197,500.00
51	8130005 - Riprap, Heavy	380	SY	\$ 100.00	\$ 38,000.00	\$ 70.50	\$ 26,790.00	\$ 100.00	\$ 38,000.00	\$ 120.00	\$ 45,600.00
52	8130010 - Riprap, Plain	700	SY	\$ 75.00	\$ 52,500.00	\$ 56.50	\$ 39,550.00	\$ 80.00	\$ 56,000.00	\$ 85.00	\$ 59,500.00
53	8137001 - Riprap, Heavy, Toe Protection	290	LF	\$ 100.00	\$ 29,000.00	\$ 33.50	\$ 9,715.00	\$ 80.00	\$ 23,200.00	\$ 140.00	\$ 40,600.00
54	8160100 - Slope Restoration, Type A	800	SY	\$ 8.00	\$ 6,400.00	\$ 10.00	\$ 8,000.00	\$ 6.00	\$ 4,800.00	\$ 7.00	\$ 5,600.00
55	8160101 - Slope Restoration, Type B	300	SY	\$ 10.00	\$ 3,000.00	\$ 9.90	\$ 2,970.00	\$ 8.00	\$ 2,400.00	\$ 7.50	\$ 2,250.00

**GRAND TOTAL \$ 2,083,227.00**  
*BID AS READ*

**\$ 2,577,498.50**  
*\$ 2,577,498.50*

**\$ 2,699,389.00**  
*\$ 2,699,417.00*

**\$ 2,996,906.00**  
*\$ 2,996,906.00*