



**PROJECT:** REPAIRS TO MAIN TILE AND LATERAL 3 TILE DD#25 & REPAIRS TO MAIN TILE DD#1, HARDIN COUNTY

**DATE:** FEBRUARY 13, 2019

**ENGINEER:** CLAPSADDLE-GARBER ASSOCIATES

**McDowell and Sons  
Contractors, Inc**  
10214 Hwy 65  
Iowa Falls, IA 50126

**Gehrke Inc.**  
1405 21st Ave  
Eldora, Iowa 50627

**Engineer's Estimate \$ 330,000**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Bid Price	Bid Price
<b>MAIN 25 DIVISION BID</b>						
1	24" Ø RCP Tile	260	LF	\$ 115.00	\$ 29,900.00	\$ 70.00
2	Type PC-2 Concrete Collar	14	EA	\$ 750.00	\$ 10,500.00	\$ 500.00
3	Private Tile Connection	2	EA	\$ 600.00	\$ 1,200.00	\$ 600.00
4	Tile Removal	260	LF	\$ 10.00	\$ 2,600.00	\$ 10.00
5	Permanent Seeding	0.3	AC	\$ 5,000.00	\$ 1,500.00	\$ 3,500.00
6	Seeding Warranty	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00
<b>MAIN DIVISION BID TOTAL (Bid Items 1-6 Inclusive)</b>				<b>\$</b>	<b>\$ 47,700.00</b>	<b>\$ 31,050.00</b>
<b>LATERAL 3 DIVISION BASE BID</b>						
101	12" Ø Polypropylene Tile	780	LF	\$ 70.00	\$ 54,600.00	\$ 30.00
102	24" Ø Steel Casing (Jack & Bore)	110	LF	\$ 800.00	\$ 88,000.00	\$ 380.00
103	12" Ø DIP Tile	135	LF	\$ 110.00	\$ 14,850.00	\$ 77.00
104	Intake Junction Structure	3	EA	\$ 1,350.00	\$ 4,050.00	\$ 1,750.00
105	CCTV Tile Inspection	1060	LF	\$ 5.50	\$ 5,830.00	\$ 3.25
106	Type PC-2 Concrete Collar	4	EA	\$ 750.00	\$ 3,000.00	\$ 350.00
107	Private Tile Connection	4	EA	\$ 600.00	\$ 2,400.00	\$ 600.00
108	Grading	2	STA	\$ 3,000.00	\$ 6,000.00	\$ 350.00
109	Tile Removal	737	LF	\$ 10.00	\$ 7,370.00	\$ 6.00
110	Tile Abandonment	73	LF	\$ 45.00	\$ 3,285.00	\$ 14.00
111	12" Ø Hickenbottom Intake	1	EA	\$ 750.00	\$ 750.00	\$ 1,000.00
112	RR Permitting, Flagging, Insurance, Coordination	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 6,500.00
113	Locate Existing Lateral Tile	7.37	STA	\$ 125.00	\$ 921.25	\$ 90.00
114	Intake Removal	1	EA	\$ 500.00	\$ 500.00	\$ 300.00
<b>LATERAL 3 DIVISION BASE BID TOTAL (Bid Items 101-114 Inclusive)</b>				<b>\$</b>	<b>\$ 221,556.25</b>	<b>\$ 102,697.30</b>
<b>LATERAL 3 DIVISION ALTERNATE BID</b>						
101ALT	12" Ø RCP Tile	780	LF	\$ 80.00	\$ 62,400.00	\$ 38.00
102ALT	24" Ø Steel Casing (Jack & Bore)	110	LF	\$ 800.00	\$ 88,000.00	\$ 380.00
103ALT	12" Ø DIP Tile	135	LF	\$ 110.00	\$ 14,850.00	\$ 77.00
104ALT	Intake Junction Structure	3	EA	\$ 1,350.00	\$ 4,050.00	\$ 1,750.00
105ALT	CCTV Tile Inspection	1060	LF	\$ 5.50	\$ 5,830.00	\$ 3.25
106ALT	Type PC-2 Concrete Collar	4	EA	\$ 750.00	\$ 3,000.00	\$ 350.00
107ALT	Private Tile Connection	4	EA	\$ 600.00	\$ 2,400.00	\$ 600.00
108ALT	Grading	2	STA	\$ 3,000.00	\$ 6,000.00	\$ 350.00
109ALT	Tile Removal	737	LF	\$ 10.00	\$ 7,370.00	\$ 6.00
110ALT	Tile Abandonment	73	LF	\$ 45.00	\$ 3,285.00	\$ 14.00
111ALT	12" Ø Hickenbottom Intake	1	EA	\$ 750.00	\$ 750.00	\$ 1,000.00
112ALT	RR Permitting, Flagging, Insurance, Coordination	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 6,500.00
113ALT	Locate Existing Lateral Tile	7.37	STA	\$ 125.00	\$ 921.25	\$ 90.00
114ALT	Intake Removal	1	EA	\$ 500.00	\$ 500.00	\$ 300.00
<b>LATERAL 3 DIVISION ALTERNATE BID TOTAL (Bid Items 101ALT-114ALT Inclusive)</b>				<b>\$</b>	<b>\$ 229,356.25</b>	<b>\$ 108,937.30</b>
<b>LATERAL 3 DIVISION ADDITIONAL BASE BID</b>						
201	12" Ø Polypropylene Tile	1060	LF	\$ 70.00	\$ 74,200.00	\$ 30.00
202	Type PC-2 Concrete Collar	4	EA	\$ 750.00	\$ 3,000.00	\$ 350.00
203	Private Tile Connection	6	EA	\$ 600.00	\$ 3,600.00	\$ 600.00
204	Grading	1	STA	\$ 3,000.00	\$ 3,000.00	\$ 350.00
205	Tile Removal	1060	LF	\$ 10.00	\$ 10,600.00	\$ 6.00
206	12" Ø Hickenbottom Intake	2	EA	\$ 750.00	\$ 1,500.00	\$ 1,000.00
207	Locate Existing Lateral Tile	10.6	STA	\$ 125.00	\$ 1,325.00	\$ 90.00
<b>LATERAL 3 DIVISION ADDITIONAL BASE BID TOTAL (Bid Items 201-207 Inclusive)</b>				<b>\$</b>	<b>\$ 97,225.00</b>	<b>\$ 46,464.00</b>
<b>LATERAL 3 DIVISION ADDITIONAL ALTERNATE BID</b>						
201ALT	12" Ø RCP Tile	1060	LF	\$ 79.00	\$ 83,740.00	\$ 38.00
202ALT	Type PC-2 Concrete Collar	4	EA	\$ 750.00	\$ 3,000.00	\$ 350.00
203ALT	Private Tile Connection	6	EA	\$ 600.00	\$ 3,600.00	\$ 600.00
204ALT	Grading	1	STA	\$ 3,000.00	\$ 3,000.00	\$ 350.00
205ALT	Tile Removal	1060	LF	\$ 10.00	\$ 10,600.00	\$ 6.00
206ALT	12" Ø Hickenbottom Intake	2	EA	\$ 750.00	\$ 1,500.00	\$ 1,000.00
207ALT	Locate Existing Lateral Tile	10.6	STA	\$ 125.00	\$ 1,325.00	\$ 90.00
<b>LATERAL 3 DIVISION ADDITIONAL ALTERNATE BID TOTAL (Bid Items 201ALT-207ALT Inclusive)</b>				<b>\$</b>	<b>\$ 106,765.00</b>	<b>\$ 54,944.00</b>
<b>LAT 3 DIVISION ADDITIONAL ALT BID TOTAL (Bid Items 201ALT-207ALT Inclusive)</b>						
<b>MAIN 1 DIVISION BID</b>						
301	24" Ø Polypropylene Tile	123	LF	\$ 100.00	\$ 12,300.00	\$ 55.00
302	34" Ø Steel Casing (Jack & Bore)	50	LF	\$ 1,400.00	\$ 70,000.00	\$ 707.00
303	22 1/2" x 24" Ø Polypropylene Bend	3	EA	\$ 700.00	\$ 2,100.00	\$ 450.00
304	11 1/4" x 24" Ø Polypropylene Bend	1	EA	\$ 700.00	\$ 700.00	\$ 450.00
305	Intake Junction Structure	1	EA	\$ 1,600.00	\$ 1,600.00	\$ 1,750.00
306	Type PC-2 Concrete Collar	1	EA	\$ 750.00	\$ 750.00	\$ 350.00
307	Private Tile Connection	1	EA	\$ 600.00	\$ 600.00	\$ 600.00
308	Grading	2	STA	\$ 1,000.00	\$ 2,000.00	\$ 350.00
309	Tile Removal	49	LF	\$ 20.00	\$ 980.00	\$ 10.00
310	Tile Abandonment	60	LF	\$ 45.00	\$ 2,700.00	\$ 25.00
311	Traffic Control	1	LS	\$ 1,100.00	\$ 1,100.00	\$ 1,650.00
312	Seeding	0.3	AC	\$ 5,000.00	\$ 1,500.00	\$ 3,500.00
313	Seeding Warranty	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00
314	12" Ø Hickenbottom Intake	1	EA	\$ 750.00	\$ 750.00	\$ 1,000.00
<b>MAIN 1 BASE BID TOTAL (Bid Items 301-314 Inclusive)</b>				<b>\$</b>	<b>\$ 99,080.00</b>	<b>\$ 54,005.00</b>
<b>MAIN 1 and Main 25 Base Bids</b>						
				<b>\$</b>	<b>\$ 85,055.00</b>	<b>\$ 85,055.00</b>
<b>Lateral 3 Polypropylene Bids</b>						
				<b>\$</b>	<b>\$ 149,161.30</b>	<b>\$ 163,881.30</b>
<b>Total</b>				<b>\$</b>	<b>\$ 234,216.30</b>	<b>\$ 248,936.30</b>