

AGENDA
DRAINAGE DISTRICT 22 LANDOWNER MEETING
WEDNESDAY, AUGUST 1, 2018 AT 8:30 A.M.

1. Open Meeting
2. Approve Agenda
3. Discuss Project Materials As Bid

Documents:

[DD 22 BID TAB 07-25-2018.PDF](#)

4. Award Bid
5. Other Business
6. Adjourn Meeting

Bid Tabulation
Main Tile Repairs to Drainage District 22 Facilities
Hardin County, IA ~ Bid Date: 7/25/2018 8:30 am

Bidder Address Check or Bid Bond	Item #	Description	Quantity	Unit	Engineer's Opinion of Probable Construction Cost		Gehrke, Inc. Eldora, IA 5% Bid Bond		Wunsch Const., Inc. Greene, IA 5% Bid Bond		Lodge Const., Inc. Clarksville, IA 5% Bid Bond		
					Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
	1	30" Ø Polypropylene Tile, Perforated - For Tile Replacement	6,087	LF	\$49.00	\$298,263.00	\$61.00	\$371,307.00	\$66.00	\$401,742.00	\$67.00	\$407,829.00	
	2	30" Ø Polypropylene Tile Road Crossing, Perforated - For Tile Replacement	310	LF	\$100.00	\$31,000.00	\$54.00	\$16,740.00	\$127.50	\$39,525.00	\$138.00	\$42,780.00	
	3	CCTV Inspection Of Roadway Crossing Tile - For Tile Replacement	310	LF	\$6.00	\$1,860.00	\$3.00	\$930.00	\$17.00	\$5,270.00	\$8.00	\$2,480.00	
	4	Connection To Road Crossing Tile To Remain - For Tile Replacement	10	Each	\$400.00	\$4,000.00	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$850.00	\$8,500.00	
	5	Removal And Disposal Of Supplemental Tile - For Tile Replacement	6,397	LF	\$7.00	\$44,779.00	\$6.50	\$41,580.50	\$10.25	\$65,569.25	\$3.00	\$19,191.00	
	6	24" Ø Polypropylene Tile, Perforated - For Spot Repairs	689	LF	\$60.00	\$41,340.00	\$80.00	\$55,120.00	\$63.00	\$43,407.00	\$62.00	\$42,718.00	
	7	18" Ø Polypropylene Tile, Perforated - For Spot Repairs	666	LF	\$55.00	\$36,630.00	\$72.00	\$47,952.00	\$52.50	\$34,965.00	\$50.00	\$33,300.00	
	8	18" Ø Polypropylene Tile Road Crossing, Perforated - For Spot Repairs	50	LF	\$75.00	\$3,750.00	\$115.00	\$5,750.00	\$126.50	\$6,325.00	\$135.00	\$6,750.00	
	9	24" X 18" Polypropylene Wye - For Spot Repairs	1	Each	\$350.00	\$350.00	\$850.00	\$850.00	\$828.00	\$828.00	\$1,000.00	\$1,000.00	
	10	24" X 18" Polypropylene Reducer - For Spot Repairs	1	Each	\$300.00	\$300.00	\$650.00	\$650.00	\$659.00	\$659.00	\$1,000.00	\$1,000.00	
	11	Type 2 Concrete Collar - For Spot Repairs	51	Each	\$400.00	\$20,400.00	\$358.00	\$18,258.00	\$500.00	\$25,500.00	\$525.00	\$26,775.00	
	12	Connection To Existing Structure	2	Each	\$800.00	\$1,600.00	\$2,000.00	\$4,000.00	\$770.00	\$1,540.00	\$2,500.00	\$5,000.00	
	13	Private Tile Connection	15	Each	\$400.00	\$6,000.00	\$400.00	\$6,000.00	\$458.00	\$6,870.00	\$650.00	\$9,750.00	
	14	Intake, 30" Ø Circular Area	5	Each	\$3,500.00	\$17,500.00	\$525.00	\$2,625.00	\$2,210.00	\$11,050.00	\$2,500.00	\$12,500.00	
	15	Intake, 12" Ø Hickenbottom	5	Each	\$1,200.00	\$6,000.00	\$1,100.00	\$5,500.00	\$1,440.00	\$7,200.00	\$1,600.00	\$8,000.00	
	16	Intake, 8" Ø Hickenbottom	2	Each	\$600.00	\$1,200.00	\$525.00	\$1,050.00	\$788.00	\$1,576.00	\$650.00	\$1,300.00	
	17	Cleanup, Shaping, And Permanent Seeding	1	LS	\$5,028.00	\$5,028.00	\$8,300.00	\$8,300.00	\$9,000.00	\$9,000.00	\$35,000.00	\$35,000.00	
	18	Seeding Warranty	1	LS	\$2,000.00	\$2,000.00	\$300.00	\$300.00	\$200.00	\$200.00	\$500.00	\$500.00	
BASE BID TOTAL (BID ITEMS 1-18 INCLUSIVE)						\$522,000.00	\$590,912.50	\$666,226.25	\$664,373.00				
	1A	30" Ø RCP Tile, Perforated - For Tile Replacement	6,087	LF	\$67.00	\$407,829.00	\$53.00	\$322,611.00	\$64.00	\$389,568.00	\$60.00	\$365,220.00	
	2A	30" Ø RCP Tile Road Crossing, Perforated - For Tile Replacement	310	LF	\$118.00	\$36,580.00	\$46.00	\$14,260.00	\$126.00	\$39,060.00	\$100.00	\$31,000.00	
	3A	CCTV Inspection Of Roadway Crossing Tile - For Tile Replacement	310	LF	\$6.00	\$1,860.00	\$3.00	\$930.00	\$17.00	\$5,270.00	\$8.00	\$2,480.00	
	4A	Connection To Road Crossing Tile To Remain - For Tile Replacement	10	Each	\$400.00	\$4,000.00	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	
	5A	Removal And Disposal Of Supplemental Tile - For Tile Replacement	6,397	LF	\$7.00	\$44,779.00	\$6.50	\$41,580.50	\$10.25	\$65,569.25	\$3.00	\$19,191.00	
	6A	24" Ø RCP Tile, Perforated - For Spot Repairs	689	LF	\$80.00	\$55,120.00	\$78.00	\$53,742.00	\$63.00	\$43,407.00	\$56.00	\$38,584.00	
	7A	18" Ø RCP Tile, Perforated - For Spot Repairs	666	LF	\$75.00	\$49,950.00	\$67.00	\$44,622.00	\$56.00	\$37,296.00	\$45.00	\$29,970.00	
	8A	18" Ø RCP Tile Road Crossing, Perforated - For Spot Repairs	50	LF	\$100.00	\$5,000.00	\$134.50	\$6,725.00	\$128.00	\$6,400.00	\$100.00	\$5,000.00	
	9A	24" X 18" RCP Wye - For Spot Repairs	1	Each	\$700.00	\$700.00	\$600.00	\$600.00	\$520.00	\$520.00	\$1,000.00	\$1,000.00	
	10A	24" X 18" RCP Reducer - For Spot Repairs	1	Each	\$600.00	\$600.00	\$800.00	\$800.00	\$760.00	\$760.00	\$1,000.00	\$1,000.00	
	11A	Type 2 Concrete Collar - For Spot Repairs	51	Each	\$400.00	\$20,400.00	\$358.00	\$18,258.00	\$500.00	\$25,500.00	\$500.00	\$25,500.00	
	12A	Connection To Existing Structure	2	Each	\$800.00	\$1,600.00	\$2,000.00	\$4,000.00	\$770.00	\$1,540.00	\$2,000.00	\$4,000.00	
	13A	Private Tile Connection	15	Each	\$400.00	\$6,000.00	\$500.00	\$7,500.00	\$485.00	\$7,275.00	\$600.00	\$9,000.00	
	14A	Intake, 30" Ø Circular Area	5	Each	\$3,500.00	\$17,500.00	\$1,000.00	\$5,000.00	\$1,710.00	\$8,550.00	\$2,500.00	\$12,500.00	
	15A	Intake, 12" Ø Hickenbottom	5	Each	\$1,200.00	\$6,000.00	\$1,100.00	\$5,500.00	\$1,440.00	\$7,200.00	\$1,600.00	\$8,000.00	
	16A	Intake, 8" Ø Hickenbottom	2	Each	\$600.00	\$1,200.00	\$525.00	\$1,050.00	\$780.00	\$1,560.00	\$650.00	\$1,300.00	
	17A	Cleanup, Shaping, And Permanent Seeding	1	LS	\$5,882.00	\$5,882.00	\$8,300.00	\$8,300.00	\$9,000.00	\$9,000.00	\$60,000.00	\$60,000.00	
	18A	Seeding Warranty	1	LS	\$2,000.00	\$2,000.00	\$300.00	\$300.00	\$200.00	\$200.00	\$500.00	\$500.00	
RCP ALTERNATE WITH ROCK BEDDING BID TOTAL (BID ITEMS 1A-18A INCLUSIVE)						\$667,000.00	\$539,778.50	\$653,675.25	\$619,245.00				
	1B	30" Ø RCP Tile Without Rock Bedding, Perforated - For Tile Replacement	6,087	LF	\$50.00	\$304,350.00	\$49.00	\$298,263.00		N/A	\$58.00	\$353,046.00	
	2B	30" Ø RCP Tile Road Crossing, Perforated - For Tile Replacement	310	LF	\$118.00	\$36,580.00	\$54.00	\$16,740.00		N/A	\$100.00	\$31,000.00	
	3B	CCTV Inspection Of Roadway Crossing Tile - For Tile Replacement	310	LF	\$6.00	\$1,860.00	\$3.00	\$930.00		N/A	\$8.00	\$2,480.00	
	4B	Connection To Road Crossing Tile To Remain - For Tile Replacement	10	Each	\$400.00	\$4,000.00	\$400.00	\$4,000.00		N/A	\$500.00	\$5,000.00	
	5B	Removal And Disposal Of Supplemental Tile - For Tile Replacement	6,397	LF	\$7.00	\$44,779.00	\$6.50	\$41,580.50		N/A	\$2.00	\$12,794.00	
	6B	24" Ø RCP Tile Without Rock Bedding, Perforated - For Spot Repairs	689	LF	\$69.00	\$47,541.00	\$78.00	\$53,742.00		N/A	\$54.00	\$37,206.00	
	7B	18" Ø RCP Tile Without Rock Bedding, Perforated - For Spot Repairs	666	LF	\$65.00	\$43,290.00	\$67.00	\$44,622.00		N/A	\$43.00	\$28,638.00	
	8B	18" Ø RCP Tile Road Crossing, Perforated - For Spot Repairs	50	LF	\$100.00	\$5,000.00	\$134.00	\$6,700.00		N/A	\$100.00	\$5,000.00	
	9B	24" X 18" RCP Wye Without Rock Bedding - For Spot Repairs	1	Each	\$650.00	\$650.00	\$600.00	\$600.00		N/A	\$1,000.00	\$1,000.00	
	10B	24" X 18" RCP Reducer Without Rock Bedding - For Spot Repairs	1	Each	\$550.00	\$550.00	\$800.00	\$800.00		N/A	\$1,000.00	\$1,000.00	
	11B	Type 2 Concrete Collar - For Spot Repairs	51	Each	\$400.00	\$20,400.00	\$358.00	\$18,258.00		N/A	\$500.00	\$25,500.00	
	12B	Connection To Existing Structure	2	Each	\$800.00	\$1,600.00	\$2,000.00	\$4,000.00		N/A	\$2,000.00	\$4,000.00	
	13B	Private Tile Connection	15	Each	\$400.00	\$6,000.00	\$500.00	\$7,500.00		N/A	\$600.00	\$9,000.00	
	14B	Intake, 30" Ø Circular Area	5	Each	\$3,500.00	\$17,500.00	\$1,000.00	\$5,000.00		N/A	\$2,500.00	\$12,500.00	
	15B	Intake, 12" Ø Hickenbottom	5	Each	\$1,200.00	\$6,000.00	\$1,100.00	\$5,500.00		N/A	\$1,600.00	\$8,000.00	
	16B	Intake, 8" Ø Hickenbottom	2	Each	\$600.00	\$1,200.00	\$525.00	\$1,050.00		N/A	\$650.00	\$1,300.00	
	17B	Cleanup, Shaping, And Permanent Seeding	1	LS	\$5,700.00	\$5,700.00	\$8,300.00	\$8,300.00		N/A	\$65,000.00	\$65,000.00	
	18B	Seeding Warranty	1	LS	\$2,000.00	\$2,000.00	\$300.00	\$300.00		N/A	\$500.00	\$500.00	
RCP ALTERNATE WITHOUT ROCK BEDDING BID TOTAL (BID ITEMS 1B-18B INCLUSIVE)						\$549,000.00	\$517,885.50	N/A	\$602,964.00				
	100	CCTV Inspection Of Tile Replacement - 1 Month Post Construction	6,397	LF	\$3.00	\$19,191.00	\$2.50	\$15,992.50	\$2.00	\$12,794.00	\$5.00	\$31,985.00	
ADD ALTERNATE 1: CCTV INSPECTION OF TILE REPLACEMENT-1 MO. POST CONST. TOTAL (BID ITEM 100 INCLUSIVE)						\$19,191.00	\$15,992.50	\$12,794.00	\$31,985.00				
	200	CCTV Inspection Of Tile Replacement - 12 Months Post Construction	6,397	LF	\$10.00	\$63,970.00	\$4.00	\$25,588.00	\$3.00	\$19,191.00	\$5.00	\$31,985.00	
ADD ALTERNATE 2: CCTV INSPECTION OF TILE REPLACEMENT-12 MO. POST CONST. TOTAL (BID ITEM 200 INCLUSIVE)						\$63,970.00	\$25,588.00	\$19,191.00	\$31,985.00				
	300	18" Ø Polypropylene Tile, Perforated - For Spot Repairs	40	LF	\$55.00	\$2,200.00	\$115.00	\$4,600.00	\$67.35	\$2,694.00	\$150.00	\$6,000.00	
	301	18" X 18" Polypropylene Wye - For Spot Repairs	1	Each	\$350.00	\$350.00	\$650.00	\$650.00	\$606.00	\$606.00	\$1,000.00	\$1,000.00	
	302	Type 2 Concrete Collar - For Spot Repairs	3	Each	\$400.00	\$1,200.00	\$358.00	\$1,074.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	
ADD ALTERNATE 3: PP CROSS CONNECTION ADDITION (BID ITEMS 300-302 INCLUSIVE)						\$3,750.00	\$6,324.00	\$4,800.00	\$8,500.00				
	400	18" Ø RCP Tile with Rock Bedding, Perforated - For Spot Repairs	40	LF	\$75.00	\$3,000.00	\$67.00	\$2,680.00	\$67.35	\$2,694.00	\$148.00	\$5,920.00	
	401	18" X 18" RCP Wye with Rock Bedding - For Spot Repairs	1	Each	\$700.00	\$700.00	\$800.00	\$800.00	\$606.00	\$606.00	\$1,000.00	\$1,000.00	
	402	Type 2 Concrete Collar - For Spot Repairs	3	Each	\$400.00	\$1,200.00	\$358.00	\$1,074.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	
ADD ALTERNATE 4: RCP WITH ROCK BEDDING CROSS CONNECTION ADDITION (BID ITEMS 400-402 INCLUSIVE)						\$4,900.00	\$4,554.00	\$4,800.00	\$8,420.00				
	500	18" Ø RCP Tile Without Rock Bedding, Perforated - For Spot Repairs	40	LF	\$65.00	\$2,600.00	\$67.00	\$2,680.00		N/A	\$145.00	\$5,800.00	
	501	18" X 18" RCP Wye Without Rock Bedding - For Spot Repairs	1	Each	\$650.00	\$650.00	\$800.00	\$800.00		N/A	\$1,000.00	\$1,000.00	
	502	Type 2 Concrete Collar - For Spot Repairs	3	Each	\$400.00	\$1,200.00	\$358.00	\$1,074.00		N/A	\$500.00	\$1,500.00	
ADD ALTERNATE 5: RCP WITHOUT ROCK BEDDING CROSS CONNECTION ADDITION (BID ITEMS 500-502 INCLUSIVE)						\$4,450.00	\$4,554.00	N/A	\$8,300.00				
	600	2 Year Maintenance Bond	1	LS	\$30,000.00	\$30,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$9,500.00	\$9,500.00	
ADD ALTERNATE 6: 2 YEAR MAINTENANCE BOND (BID ITEM 600 INCLUSIVE)						\$30,000.00	\$5,000.00	\$2,000.00	\$9,500.00				

*denotes error corrected by Engineer