



March 17, 2026

Melissa Melton, Loan Specialist  
USDA Rural Development  
975 Lovers Lane  
Bowling Green, KY 42103

Re: Final Engineering Report (FER)  
2023 Water System Improvements  
Meade County Water District

Dear Ms. Melton,

Meade County Water District received, opened, and read bids for the 2023 Water System Improvements Project on February 26<sup>th</sup>, 2026, at 11:00 AM local time.

The project was divided into two (2) bid packages: Package A – Transmission Main and Pump Station Improvements and Package B – Payneville Water Storage Tank Rehabilitation.

Each Package received six (6) bids. The results of the low bidders were:

<u>Bid Package</u>	<u>Contractor</u>	<u>Bid Amount</u>
A	Dirt Works Unlimited, LLC	\$5,599,455
B	Weiser Industrial Coatings, Inc.	\$378,527

Based on the Letter of Conditions and allocated monies for the project, the available construction budget is \$5,983,000 with a \$598,300 contingency. With a total bid amount of \$5,977,982, the full scope of the project can be awarded under the available funding budget.

If you have any questions or require additional information, please reach out at 502-909-3241.

Sincerely,

PE

Sr. Project Manager/Professional Associate



**Attachments:**

- Final Engineering Report
- Bid Package A Certified Bid Tab
- Bid Package B Certified Bid Tab

Copy: Mr. Brett Pyles/Meade County Water District  
Mr. Thomas Zoeller, EIT/HDR Project Engineer  
Mr. Ty Wilson/HDR Engineering Funding Specialist  
Mr. Richard Shufelt/Skeeters, Bennett, Wilson, & Humphrey



## Final Engineering Report

2023 Water System Improvements Project

Date: 3/17/2026

### Construction Cost

<b>Bid Package</b>	<b>Engineer's Estimate</b>	<b>As Bid</b>	<b>Selected Contractor</b>
A	\$ -	\$ 5,599,455.00	Dirt Works Unlimited, LLC
B	\$ -	\$ 378,527.00	Weiser Industrial Coatings, Inc
<b>Total</b>	<b>\$ 5,983,000.00</b>	<b>\$ 5,977,982.00</b>	

<b>Cost Classification</b>	<b>Engineer's Estimate</b>	<b>As Bid</b>
Administrative Expenses	\$15,000.00	\$15,000.00
Legal Expenses	\$32,000.00	\$32,000.00
Land, Appraisals, and Easements	\$20,000.00	\$20,000.00
Relocation Expenses and Payments	--	--
Planning	\$45,000.00	\$45,000.00
Engineering Fees – Design	\$338,500.00	\$338,500.00
Engineering Fees – Construction	\$81,300.00	\$81,300.00
Engineering Fees – Inspection	\$271,000.00	\$271,000.00
Engineering Fees – Other	\$85,000.00	\$85,000.00
Construction	\$5,983,000.00	\$5,977,982.00
Miscellaneous	\$190,000.00	\$190,000.00
Contingencies	\$598,300.00	\$598,300.00
<b>Total Funds</b>	<b>\$7,659,100.00</b>	<b>\$7,654,082.00</b>

**Meade County Water District  
2023 Water System Improvements  
Bid Tabulation  
Bid Opening Date: February 26, 2026**

	Dirt Works Unlimited, LLC	Copper Ridge Contracting, Inc.	Cumberland Pipeline, LLC	Twin States Utilities & Excavation, Inc.	Dan Cristiani Excavating Co, Inc.	Phillips Brothers Construction, LLC
Acknowledge Addendum 1-3:	Yes	Yes	Yes	Yes	Yes	Yes
Bid Signed:	Yes	Yes	Yes	Yes	Yes	Yes
Bid Security Received:	Yes	Yes	Yes	Yes	Yes	Yes
Qualification Statement:	Yes	Yes	Yes	Yes	Yes	Yes
List of Subcontractors:	Yes	No	Yes	No	Yes	Yes
List of Suppliers:	Yes	No	Yes	No	Yes	Yes
Compliance Statement (RD 400-6):	Yes	No	Yes	No	Yes	Yes
Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions (AD-1048):	Yes	Yes	Yes	No	Yes	Yes
RD Instruction 1940-Q Exhibit A-1, Certification for Contracts, Grants, and Loans:	Yes	Yes	Yes	No	Yes	Yes

**BASE BID 1 - FLAHERTY TRANSMISSION MAIN:**

Bid Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount
1	Mobilization	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 55,000.00	\$ 55,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 73,690.00	\$ 73,690.00	\$ 10,800.00	\$ 10,800.00
2	General Conditions	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 60,000.00	\$ 60,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 122,140.00	\$ 122,140.00	\$ 50,000.00	\$ 50,000.00
3	Bonds and Insurance	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 75,000.00	\$ 75,000.00	\$ 62,850.00	\$ 62,850.00	\$ 30,000.00	\$ 30,000.00	\$ 86,697.00	\$ 86,697.00	\$ 98,000.00	\$ 98,000.00
4	Erosion Prevention and Sediment Control	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 40,000.00	\$ 40,000.00	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00	\$ 214,943.00	\$ 214,943.00	\$ 48,600.00	\$ 48,600.00
5	Traffic Control	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 20,000.00	\$ 20,000.00	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00	\$ 17,046.50	\$ 17,046.50	\$ 17,280.00	\$ 17,280.00
6	6" SDR17 PVC Water Line	LF	110	\$ 40.00	\$ 4,400.00	\$ 100.00	\$ 11,000.00	\$ 56.00	\$ 6,160.00	\$ 78.00	\$ 8,580.00	\$ 84.45	\$ 9,289.50	\$ 108.00	\$ 11,880.00
7	8" SDR17 PVC Water Line	LF	50	\$ 60.00	\$ 3,000.00	\$ 110.00	\$ 5,500.00	\$ 101.00	\$ 5,050.00	\$ 81.00	\$ 4,050.00	\$ 85.20	\$ 4,260.00	\$ 114.00	\$ 5,700.00
8	10" SDR17 PVC Water Line	LF	45	\$ 70.00	\$ 3,150.00	\$ 140.00	\$ 6,300.00	\$ 76.00	\$ 3,420.00	\$ 106.00	\$ 4,770.00	\$ 168.50	\$ 7,582.50	\$ 152.00	\$ 6,840.00
9	10" CL 350 Ductile Iron Water Line	LF	60	\$ 90.00	\$ 5,400.00	\$ 150.00	\$ 9,000.00	\$ 103.00	\$ 6,180.00	\$ 107.00	\$ 6,420.00	\$ 161.95	\$ 9,717.00	\$ 182.00	\$ 10,920.00
10	12" SDR17 PVC Water Line	LF	30	\$ 100.00	\$ 3,000.00	\$ 220.00	\$ 6,600.00	\$ 151.00	\$ 4,530.00	\$ 139.00	\$ 4,170.00	\$ 461.05	\$ 13,831.50	\$ 225.00	\$ 6,750.00
11	16" CL 250 Ductile Iron Water Line	LF	14,180	\$ 137.50	\$ 1,949,750.00	\$ 166.00	\$ 2,353,880.00	\$ 211.00	\$ 2,991,980.00	\$ 148.00	\$ 2,098,640.00	\$ 232.10	\$ 3,291,178.00	\$ 289.50	\$ 4,105,110.00
12	16" CL 250 Ductile Iron Water Line, Restrained	LF	910	\$ 163.00	\$ 148,330.00	\$ 180.00	\$ 163,800.00	\$ 161.00	\$ 146,510.00	\$ 205.00	\$ 186,550.00	\$ 179.95	\$ 163,754.50	\$ 310.00	\$ 282,100.00
13	24" Steel Encasement Pipe - Bore and Jack	LF	650	\$ 825.00	\$ 536,250.00	\$ 1,030.00	\$ 669,500.00	\$ 768.00	\$ 499,200.00	\$ 800.00	\$ 520,000.00	\$ 1,507.00	\$ 979,550.00	\$ 994.00	\$ 646,100.00
14	Freebore Driveway	EA	5	\$ 3,000.00	\$ 15,000.00	\$ 21,500.00	\$ 107,500.00	\$ 2,101.00	\$ 10,505.00	\$ 2,500.00	\$ 12,500.00	\$ 38,873.00	\$ 194,365.00	\$ 13,000.00	\$ 65,000.00
15	8" Gate Valve	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 2,500.00	\$ 5,000.00	\$ 2,285.00	\$ 4,570.00	\$ 2,250.00	\$ 4,500.00	\$ 2,160.00	\$ 4,320.00	\$ 2,160.00	\$ 4,320.00
16	8" Gate Valve	EA	2	\$ 3,200.00	\$ 6,400.00	\$ 3,500.00	\$ 7,000.00	\$ 3,130.00	\$ 6,260.00	\$ 3,350.00	\$ 6,700.00	\$ 3,213.00	\$ 6,426.00	\$ 3,780.00	\$ 7,560.00
17	16" Butterfly Valve	EA	15	\$ 10,300.00	\$ 154,500.00	\$ 12,000.00	\$ 180,000.00	\$ 10,897.00	\$ 163,455.00	\$ 10,850.00	\$ 162,750.00	\$ 11,335.00	\$ 170,025.00	\$ 12,960.00	\$ 194,400.00
18	Connect to Ex. 6" Water Main (Cut-in)	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 12,500.00	\$ 25,000.00	\$ 5,057.00	\$ 10,114.00	\$ 10,000.00	\$ 20,000.00	\$ 2,136.00	\$ 4,272.00	\$ 4,320.00	\$ 8,640.00
19	Connect to Ex. 8" Water Main (Cut-in)	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 17,000.00	\$ 17,000.00	\$ 5,281.00	\$ 5,281.00	\$ 10,000.00	\$ 10,000.00	\$ 4,020.00	\$ 4,020.00	\$ 4,860.00	\$ 4,860.00
20	6" Tapping Sleeve and Valve	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 14,000.00	\$ 14,000.00	\$ 4,279.00	\$ 4,279.00	\$ 4,650.00	\$ 4,650.00	\$ 9,606.00	\$ 9,606.00	\$ 5,400.00	\$ 5,400.00
21	10" Tapping Sleeve and Valve	EA	1	\$ 9,000.00	\$ 9,000.00	\$ 26,600.00	\$ 26,600.00	\$ 5,389.00	\$ 5,389.00	\$ 9,500.00	\$ 9,500.00	\$ 13,539.00	\$ 13,539.00	\$ 13,500.00	\$ 13,500.00
22	12" Tapping Sleeve and Valve	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 20,650.00	\$ 20,650.00	\$ 9,519.00	\$ 9,519.00	\$ 12,000.00	\$ 12,000.00	\$ 15,706.00	\$ 15,706.00	\$ 15,120.00	\$ 15,120.00
23	6" Fire Hydrant Assembly	EA	6	\$ 8,500.00	\$ 51,000.00	\$ 11,500.00	\$ 69,000.00	\$ 10,017.00	\$ 60,102.00	\$ 9,000.00	\$ 54,000.00	\$ 10,299.00	\$ 61,794.00	\$ 12,960.00	\$ 77,760.00
24	Air Release Valve Assembly	EA	6	\$ 3,000.00	\$ 18,000.00	\$ 6,500.00	\$ 39,000.00	\$ 6,706.00	\$ 40,236.00	\$ 3,600.00	\$ 21,600.00	\$ 8,655.00	\$ 51,930.00	\$ 10,800.00	\$ 64,800.00
25	Transfer Existing Water Service	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 2,600.00	\$ 2,600.00	\$ 2,987.00	\$ 2,987.00	\$ 2,000.00	\$ 2,000.00	\$ 2,322.00	\$ 2,322.00	\$ 2,700.00	\$ 2,700.00
26	Install New Water Service	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 4,500.00	\$ 13,500.00	\$ 2,632.00	\$ 7,896.00	\$ 1,872.00	\$ 5,616.00	\$ 2,484.00	\$ 7,452.00	\$ 2,484.00	\$ 7,452.00
27	Meter Relocate	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 2,632.00	\$ 5,264.00	\$ 1,500.00	\$ 3,000.00	\$ 1,588.00	\$ 3,176.00	\$ 1,296.00	\$ 2,592.00
28	Concrete Paving Restoration	SY	25	\$ 75.00	\$ 1,875.00	\$ 350.00	\$ 8,750.00	\$ 314.00	\$ 7,850.00	\$ 90.00	\$ 2,250.00	\$ 244.10	\$ 6,102.50	\$ 75.00	\$ 1,875.00
29	Asphalt Driveway Restoration	SY	200	\$ 50.00	\$ 10,000.00	\$ 130.00	\$ 26,000.00	\$ 115.00	\$ 23,000.00	\$ 75.00	\$ 15,000.00	\$ 102.25	\$ 20,450.00	\$ 60.00	\$ 12,000.00
30	Demobilization	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 21,820.00	\$ 21,820.00	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 11,957.00	\$ 11,957.00	\$ 10,800.00	\$ 10,800.00
<b>BASE BID 1 TOTAL</b>					\$ 3,209,955.00		\$ 4,065,000.00		\$ 4,123,587.00		\$ 3,259,246.00		\$ 5,581,142.00		\$ 5,798,859.00

**BASE BID 2 - PUMP STATIONS, CONTROL VALVES, AND SCADA IMPROVEMEN**

Bid Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount
1	Mobilization	LS	1	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,137.00	\$ 15,137.00	\$ 48,000.00	\$ 48,000.00
2	Erosion Prevention & Sediment Control	LS	1	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 12,888.00	\$ 12,888.00	\$ 8,000.00	\$ 8,000.00
3	Traffic Control	LS	1	\$ -	\$ -	\$ 8,000.00	\$ 8,000.00	\$ 1,500.00	\$ 1,500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,136.00	\$ 1,136.00	\$ 5,000.00	\$ 5,000.00
4	Flaherty Pump Station Upgrade	LS	1	\$ 710,800.00	\$ 710,800.00	\$ 624,000.00	\$ 624,000.00	\$ 833,007.00	\$ 833,007.00	\$ 885,000.00	\$ 885,000.00	\$ 899,494.00	\$ 899,494.00	\$ 809,000.00	\$ 809,000.00
5	Payneville Package Pump Station	LS	1	\$ 1,225,700.00	\$ 1,225,700.00	\$ 1,140,000.00	\$ 1,140,000.00	\$ 1,222,200.00	\$ 1,222,200.00	\$ 1,708,000.00	\$ 1,708,000.00	\$ 1,703,783.00	\$ 1,703,783.00	\$ 1,306,000.00	\$ 1,306,000.00
6	New Highland Church Road Control Valve	LS	1	\$ 96,000.00	\$ 96,000.00	\$ 112,500.00	\$ 112,500.00	\$ 120,000.00	\$ 120,000.00	\$ 205,000.00	\$ 205,000.00	\$ 99,940.00	\$ 99,940.00	\$ 113,000.00	\$ 113,000.00
7	Midway-Sirocco Road Control Valve	LS	1	\$ 102,000.00	\$ 102,000.00	\$ 116,500.00	\$ 116,500.00	\$ 130,000.00	\$ 130,000.00	\$ 215,000.00	\$ 215,000.00	\$ 98,829.00	\$ 98,829.00	\$ 120,000.00	\$ 120,000.00
8	System Wide SCADA Improvements	LS	1	\$ 205,000.00	\$ 205,000.00	\$ 220,000.00	\$ 220,000.00	\$ 297,000.00	\$ 297,000.00	\$ 208,000.00	\$ 208,000.00	\$ 294,227.00	\$ 294,227.00	\$ 279,000.00	\$ 279,000.00
9	Electrical Allowance (SCADA Support)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
<b>BASE BID 2 TOTAL</b>					\$ 2,389,500.00		\$ 2,311,000.00		\$ 2,668,707.00		\$ 3,291,000.00		\$ 3,175,434.00		\$ 2,738,000.00

**TOTAL BID PACKAGE A BID PRICE**

Base Bid 1 total math error corrected.

I hereby certify that this is a true and correct tabulation of the bids

Kevin HDR

3/16/2026



Meade County Water District  
 2023 Water System Improvements  
 Bid Tabulation  
 Bid Opening Date: February 26, 2026

				Utility Service Co., Inc.		Viking Painting, LLC		D&M Painting Corporation		Weiser Industrial Coatings, Inc.		Maguire Iron, Inc.		Currens Construction Services, LLC	
Acknowledge Addendum 1-3:				Yes		Yes		Yes		Yes		Yes		Yes	
Bid Signed:				Yes		Yes		Yes		Yes		Yes		Yes	
Bid Security Received:				Yes		Yes		Yes		Yes		Yes		Yes	
Qualification Statement:				Yes		Yes		Yes		Yes		Yes		Yes	
List of Subcontractors:				No		No		Yes		Yes		Yes		Yes	
List of Suppliers:				Yes		No		Yes		Yes		Yes		Yes	
Compliance Statement (RD 400-6):				Yes		Yes		No		Yes		Yes		Yes	
Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions (AD-1048):				Yes		Yes		No		Yes		Yes		Yes	
RD Instruction 1940-Q Exhibit A-1, Certification for Contracts, Grants, and Loans:				Yes		Yes		No		Yes		Yes		Yes	
Bid Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount	Unit Price	Total Item Amount
1	Mobilization	LS	1	\$5,900.00	\$5,900.00	\$17,000.00	\$17,000.00	\$6,000.00	\$6,000.00	\$6,500.00	\$6,500.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
2	General Conditions	LS	1	\$5,000.00	\$5,000.00	\$3,800.00	\$3,800.00	\$4,000.00	\$4,000.00	\$127,740.00	\$127,740.00	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00
3	Bonds and Insurance	LS	1	\$4,000.00	\$4,000.00	\$5,700.00	\$5,700.00	\$4,500.00	\$4,500.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
4	New Interior and Exterior Coating System	LS	1	\$340,700.00	\$340,700.00	\$469,505.00	\$469,505.00	\$547,000.00	\$547,000.00	\$166,610.00	\$166,610.00	\$496,000.00	\$496,000.00	\$338,900.00	\$338,900.00
5	Coatings Inspection Allowance	LS	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
6	Tank Inlet Riser Pipe	LS	1	\$9,800.00	\$9,800.00	\$81,000.00	\$81,000.00	\$68,040.00	\$68,040.00	\$34,177.00	\$34,177.00	\$30,000.00	\$30,000.00	\$72,050.00	\$72,050.00
7	Tank Repair Allowance	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
8	Demobilization	LS	1	\$5,900.00	\$5,900.00	\$7,200.00	\$7,200.00	\$4,000.00	\$4,000.00	\$6,500.00	\$6,500.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00
<b>TOTAL BID PACKAGE B BID PRICE</b>					\$396,300.00		\$609,205.00		\$658,540.00		\$378,527.00		\$595,000.00		\$466,950.00
<b>SUPPLEMENTAL UNIT PRICES:</b>															
Bid Item No.	Description	Unit	Estimated Quantity	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
1	Interior Bowl Ladder Rung Replacement	EA	-	\$300.00	\$500.00	\$900.00	\$250.00	\$115.00	\$400.00						
2	Interior Bowl Ladder Replacement	EA	-	\$4,300.00	\$5,500.00	\$6,200.00	\$8,000.00	\$4,000.00	\$9,800.00						
3	Support Cables for Inlet Pipe	EA	-	\$1,200.00	\$2,500.00	\$2,000.00	\$500.00	\$2,500.00	\$950.00						
4	Welding Repairs	EA	-	\$400.00	\$5,000.00	\$300.00	\$150.00	\$120.00	\$150.00						
5	Pit Welding Repairs	EA	-	\$400.00	\$50.00	\$75.00	\$100.00	\$50.00	\$25.00						
6	Pit Filler – Tnemec 215	GAL	-	\$500.00	\$750.00	\$2,500.00	\$350.00	\$1,250.00	\$1,350.00						
7	4" x 4" Welding Plates	EA	-	\$500.00	\$250.00	\$120.00	\$250.00	\$200.00	\$1,450.00						

I hereby certify that this is a true and correct tabulation of the bids

  
 \_\_\_\_\_  
 Kevi  
 HDR

3/16/2026

jer

