

BID TABULATION
2023 BENTON ARP WATER SYSTEM IMPROVEMENTS
TOWN OF BENTON, TENNESSEE

Bid Opening Time: 2:00 PM Date: March 26, 2024 Place: 6496 HWY 411 North Benton, TN 37307	Name of Bidder:	Norris Brothers Excavating, LLC 22 Northside Lane Crossville, TN 38571	HL Management Service, LLC dba HL Construction, LLC 260 9th St., SE Cleveland, TN 37311 Ringgold, GA 30736	Allied Underground Services, LLC 768 Pollard Road Ringgold, GA 30736
	Bid Bond:	Euler Hermes North America Insurnace Company 800 Red Brook Blvd. Owings Mills, MD 21117	National American Insurance Company Post Office Box 9 Chandler, OK 74834	Westfield Insurance Company Post Office Box 5001 Westfield Center, OH 44251-5001

BASE BID

SCHEDULE I – PINE RIDGE DRIVE

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
101	Cast-in-Place Concrete								
101-a	Class B Concrete	CY	1	1.45	1.45	400.00	400.00	300.00	300.00
102	Earthwork								
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	1	40.00	40.00	200.00	200.00	200.00	200.00
103	Roadway / Driveway Replacement								
103-a	Asphalt Roadway Replacement	LF	30	40.00	1,200.00	200.00	6,000.00	150.00	4,500.00
103-b	Asphalt Driveway Replacement	LF	40	40.00	1,600.00	180.00	7,200.00	120.00	4,800.00
104	Ductile Iron Fittings								
104-a	Ductile Iron Fittings	LB	2,000	6.00	12,000.00	10.50	21,000.00	13.90	27,800.00
105	Valves								
105-a	6-inch Gate Valve	EA	4	2,000.00	8,000.00	3,200.00	12,800.00	1,950.00	7,800.00
105-b	2-inch Gate Valve	EA	3	2,000.00	6,000.00	2,300.00	6,900.00	950.00	2,850.00
105-c	Air Release Valve	EA	1	4,000.00	4,000.00	2,000.00	2,000.00	1,900.00	1,900.00

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:	Norris Brothers Excavating, LLC	HL Construction, LLC	Allied Underground Services, LLC		
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
106	Connections to Existing Waterlines								
106-a	Connect New 6-inch Waterline to Existing 6-inch Waterline w/ Tapping Sleeve and Valve	EA	2	6,000.00	12,000.00	4,200.00	8,400.00	5,610.00	11,220.00
106-b	Connect New 6-inch Waterline to Existing 6-inch Waterline	EA	1	6,000.00	6,000.00	3,200.00	3,200.00	1,250.00	1,250.00
106-c	Connect New 2-inch Waterline to Existing 2-inch Waterline	EA	3	4,000.00	12,000.00	2,100.00	6,300.00	2,066.00	6,198.00
107	Water Services								
107-a	Service Connections & Meters	EA	12	1,200.00	14,400.00	1,200.00	14,400.00	1,279.00	15,348.00
108	Water Service Piping								
108-a	¾-inch PEX Service Line	LF	45	60.00	2,700.00	30.00	1,350.00	22.00	990.00
108-b	¾-inch PEX Service Line by Trenchless Method	LF	90	60.00	5,400.00	72.00	6,480.00	65.00	5,850.00
109	Water Main Piping								
109-a	6-inch PVC Waterline	LF	960	54.00	51,840.00	67.00	64,320.00	78.00	74,880.00
109-c	2-inch PVC Waterline	LF	60	49.00	2,940.00	75.00	4,500.00	62.00	3,720.00
110	Hydrants and Blow-Offs								
110-a	Fire Hydrant Assembly	EA	1	5,000.00	5,000.00	7,800.00	7,800.00	7,000.00	7,000.00
TOTAL: SCHEDULE I – PINE RIDGE DRIVE				\$	145,121.45	\$	173,250.00	\$	176,606.00
SCHEDULE II – PARKSVILLE ROAD									
101	Cast-in-Place Concrete								
101-a	Class B Concrete	CY	2	1.45	2.90	400.00	800.00	300.00	600.00
101-b	Flowable Fill	CY	20	1.75	35.00	300.00	6,000.00	225.00	4,500.00
102	Earthwork								
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	12	40.00	480.00	200.00	2,400.00	200.00	2,400.00
103	Roadway / Driveway Replacement								
103-b	Asphalt Driveway Replacement	LF	16	40.00	640.00	180.00	2,880.00	175.00	2,800.00
104	Ductile Iron Fittings								
104-a	Ductile Iron Fittings	LB	2,400	6.00	14,400.00	10.50	25,200.00	13.90	33,360.00

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:		Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total		
105	Valves										
105-a	6-inch Gate Valve	EA	8	2,000.00	16,000.00	3,200.00	25,600.00	2600.00	20,800.00		
105-b	4-inch Gate Valve	EA	1	2,000.00	2,000.00	2,900.00	2,900.00	1600.00	1,600.00		
105-c	2-inch Gate Valve	EA	1	2,000.00	2,000.00	2,300.00	2,300.00	950.00	950.00		
105-d	Air Release Valve	EA	2	4,000.00	8,000.00	2,000.00	4,000.00	1900.00	3,800.00		
106	Connections to Existing Waterlines										
106-c	Connect New 6-inch Waterline to Existing 6-inch Waterline w/ Tapping Sleeve & Valve	EA	1	4,000.00	4,000.00	3,100.00	3,100.00	2066.00	2,066.00		
106-d	Connect New 6-inch Waterline to Existing 6-inch Waterline	EA	1	6,000.00	6,000.00	4,200.00	4,200.00	1600.00	1,600.00		
106-e	Connect New 6-inch Waterline to Existing 4-inch Waterline w/ Tapping Sleeve & Valve & Piping, Etc.	EA	1	6,000.00	6,000.00	6,800.00	6,800.00	5,000.00	5,000.00		
107	Water Services										
107-a	Service Connections & Meters	EA	4	1,200.00	4,800.00	1,200.00	4,800.00	1,279.00	5,116.00		
108	Water Service Piping										
108-a	¾-inch PEX Service Line	LF	50	60.00	3,000.00	30.00	1,500.00	22.00	1,100.00		
108-b	¾-inch PEX Service Line by Trenchless Method	LF	95	60.00	5,700.00	72.00	6,840.00	65.00	6,175.00		
108-c	1-inch PEX Service Line	LF	190	60.00	11,400.00	45.00	8,550.00	27.00	5,130.00		
109	Water Main Piping										
109-a	6-inch PVC Waterline	LF	3,080	54.00	166,320.00	67.00	206,360.00	78.00	240,240.00		
109-b	6-inch PVC Waterline in Paved Area	LF	25	110.00	2,750.00	110.00	2,750.00	100.00	2,500.00		
109-e	2-inch PEX Waterline	LF	90	50.00	4,500.00	65.00	5,850.00	62.00	5,580.00		
110	Hydrants and Blow-Offs										
110-a	Fire Hydrant Assembly	EA	1	5,000.00	5,000.00	7,800.00	7,800.00	7,000.00	7,000.00		
110-b	2-inch Blow Off Assembly	EA	1	4,000.00	4,000.00	2,100.00	2,100.00	3,600.00	3,600.00		
111	Creek Crossing										
111-b	Creek Crossing No. 2	LS	1	20,000.00	20,000.00	60,000.00	60,000.00	30,000.00	30,000.00		
111-c	Creek Crossing No. 4	LS	1	20,000.00	20,000.00	20,000.00	20,000.00	30,000.00	30,000.00		
112	Casing Pipe										
112-a	12-inch Steel Casing by Bore & Jack	LF	105	340.00	35,700.00	400.00	42,000.00	600.00	63,000.00		
112-b	2-inch HDPE by Trenchless Method	LF	230	60.00	13,800.00	105.00	24,150.00	300.00	69,000.00		
112-c	4-inch HDPE by Trenchless Method	LF	70	220.00	15,400.00	250.00	17,500.00	350.00	24,500.00		
TOTAL: SCHEDULE II – PARKSVILLE ROAD				\$	371,927.90	\$	496,380.00	\$	572,417.00		

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:	Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	
SCHEDULE III- LINDON STREET										
101	Cast-in-Place Concrete									
101a	Class B Concrete	CY	1	1.45	1.45	400.00	400.00	300.00	300.00	
102	Earthwork									
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	2	40.00	80.00	200.00	400.00	225.00	450.00	
103	Roadway / Driveway Replacement									
103-a	Asphalt Roadway Replacement	LF	54	40.00	2,160.00	200.00	10,800.00	150.00	8,100.00	
103-b	Asphalt Driveway Replacement	LF	20	40.00	800.00	180.00	3,600.00	120.00	2,400.00	
104	Ductile Iron Fittings									
104-a	Ductile Iron Fittings	LB	1,200	6.00	7,200.00	10.50	12,600.00	13.90	16,680.00	
105	Valves									
105-a	6-inch Gate Valve	EA	1	2,000.00	2,000.00	3,200.00	3,200.00	1,950.00	1,950.00	
105-b	2-inch Gate Valve	EA	1	2,000.00	2,000.00	2,300.00	2,300.00	950.00	950.00	
106	Connections to Existing Waterlines									
106-a	Connect New 6-inch Waterline to Existing 6-inch Waterline w/ Tapping Sleeve & Valve	EA	2	6,000.00	12,000.00	4,200.00	8,400.00	5,610.00	11,220.00	
106-b	Connect New 6-inch Waterline to Existing 6-inch Waterline	EA	1	6,000.00	6,000.00	3,200.00	3,200.00	1,250.00	1,250.00	
107	Water Services									
107-a	Service Connections & Meters	EA	9	1,200.00	10,800.00	1,200.00	10,800.00	1,279.00	11,511.00	
108	Water Service Piping									
108-a	¾-inch Copper Service Line	LF	60	60.00	3,600.00	65.00	3,900.00	28.00	1,680.00	
108-b	¾-inch Copper Service Line by Trenchless Method	LF	70	60.00	4,200.00	92.00	6,440.00	72.00	5,040.00	
109	Water Main Piping									
109-a	6-inch PVC Waterline	LF	1,270	54.00	68,580.00	67.00	85,090.00	78.00	99,060.00	
109-c	6-inch PVC Waterline in Paved Area	LF	60	110.00	6,600.00	135.00	8,100.00	90.00	5,400.00	
109-d	2-Inch PVC Waterline	LF	320	50.00	16,000.00	68.00	21,760.00	62.00	19,840.00	
110	Hydrants and Blow-Offs									
110-a	Fire Hydrant Assembly	EA	1	5,000.00	5,000.00	7,800.00	7,800.00	7,000.00	7,000.00	
111	Creek Crossing									
111-a	Creek Crossing No. 1	LS	1	20,000.00	20,000.00	60,000.00	60,000.00	30,000.00	30,000.00	
TOTAL: SCHEDULE III - LINDON STREET				\$	167,021.45	\$	248,790.00	\$	222,831.00	

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:		Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total		
SCHEDULE IV – BENTON SPRINGS ROAD											
103	Roadway / Driveway Replacement										
103-a	Asphalt Roadway Replacement	LF	110	40.00	4,400.00	200.00	22,000.00	150.00	16,500.00		
104	Ductile Iron Fittings										
104-a	Ductile Iron Fittings	LB	1,000	6.00	6,000.00	10.50	10,500.00	13.90	13,900.00		
105	Valves										
105-a	6-inch Gate Valve	EA	4	2,000.00	8,000.00	3,200.00	12,800.00	1,600.00	6,400.00		
106	Connections to Existing Waterlines										
106-b	Connect New 6-inch Waterline to Existing 6-inch Waterline	EA	3	6,000.00	18,000.00	3,200.00	9,600.00	1,500.00	4,500.00		
106-c	Connect New 2inch Waterline to Existing 2-inch Waterline	EA	1	4,000.00	4,000.00	3,100.00	3,100.00	1,000.00	1,000.00		
109	Water Main Piping										
109-a	6-inch PVC Waterline	LF	460	54.00	24,840.00	67.00	30,820.00	78.00	35,880.00		
109-b	6-inch PVC Waterline in Paved Area	LF	100	110.00	11,000.00	110.00	11,000.00	100.00	10,000.00		
110	Hydrants and Blow-Offs										
110-b	2-inch Blow Off Assembly	EA	1	5,000.00	5,000.00	2,100.00	2,100.00	3,600.00	3,600.00		
113	Culvert Crossing										
113-a	Culvert Crossing (up to 50LF)	LS	2	6,900.00	13,800.00	4,800.00	9,600.00	1,500.00	3,000.00		
TOTAL: SCHEDULE IV – BENTON SPRINGS ROAD				\$	95,040.00	\$	111,520.00	\$	94,780.00		
SCHEDULE V – OAK GROVE ROAD											
103	Roadway / Driveway Replacement										
103-a	Asphalt Roadway Replacement	LF	38	40.00	1,520.00	200.00	7,600.00	150.00	5,700.00		
103-b	Asphalt Driveway Replacement	LF	16	40.00	640.00	180.00	2,880.00	120.00	1,920.00		
104	Ductile Iron Fittings										
104-a	Ductile Iron Fittings	LB	1,500	6.00	9,000.00	10.50	15,750.00	13.90	20,850.00		
105	Valves										
105-a	6-inch Gate Valve	EA	4	2,000.00	8,000.00	3,200.00	12,800.00	2,600.00	10,400.00		

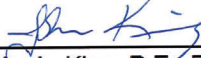
PROJECT: 2023 Benton ARP Water System Improvements				Bidder:	Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	
106	Connections to Existing Waterlines									
106-b	Connect New 6-inch Waterline to Existing 6-inch Waterline	EA	2	6,000.00	12,000.00	3,200.00	6,400.00	1,250.00	2,500.00	
107	Water Services									
107-a	Service Connections & Meters	EA	3	1,200.00	3,600.00	1,200.00	3,600.00	1,279.00	3,837.00	
108	Water Service Piping									
108-a	¾-inch PEX Service Line	LF	25	60.00	1,500.00	30.00	750.00	22.00	550.00	
108-b	¾-inch PEX Service Line by Trenchless Method	LF	25	60.00	1,500.00	72.00	1,800.00	65.00	1,625.00	
109	Water Main Piping									
109-a	6-inch PVC Waterline	LF	2,400	54.00	129,600.00	67.00	160,800.00	78.00	187,200.00	
109-b	6-inch PVC Waterline in Paved Area	LF	40	110.00	4,400.00	110.00	4,400.00	100.00	4,000.00	
111	Creek Crossing									
111-c	Creek Crossing No. 3	LS	1	20,000.00	20,000.00	40,000.00	40,000.00	30,000.00	30,000.00	
TOTAL: SCHEDULE V – OAK GROVE ROAD				\$	191,760.00	\$	256,780.00	\$	268,582.00	
SCHEDULE VI– REYNOLDS BRIDGE ROAD										
101	Cast-in-Place Concrete									
101a	Class B Concrete	CY	2	1.45	2.90	400.00	800.00	300.00	600.00	
102	Earthwork									
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	2	40.00	80.00	200.00	400.00	200.00	400.00	
103	Roadway / Driveway Replacement									
103-b	Asphalt Driveway Replacement	LF	80	40.00	3,200.00	180.00	14,400.00	150.00	12,000.00	
103-c	Concrete Driveway Replacement	LF	70	40.00	2,800.00	180.00	12,600.00	175.00	12,250.00	
104	Ductile Iron Fittings									
104-a	Ductile Iron Fittings	LB	800	6.00	4,800.00	10.50	8,400.00	13.90	11,120.00	
105	Valves									
105-a	6-inch Gate Valve	EA	1	2,000.00	2,000.00	3,200.00	3,200.00	2,600.00	2,600.00	
106	Connections to Existing Waterlines									
106-b	Connect New-6-inch Waterline to Existing 6-inch Waterline	EA	1	6,000.00	6,000.00	3,200.00	3,200.00	1,250.00	1,250.00	

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:		Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total		
106-f	Connect New 6-inch Waterline to Existing 4-inch Waterline w/ Tapping Sleeve & Valve	EA	1	4,000.00	4,000.00	4,200.00	4,200.00	5,000.00	5,000.00		
107	Water Services										
107-a	Service Connections & Meters	EA	8	1,200.00	9,600.00	1,200.00	9,600.00	1,279.00	10,232.00		
108	Water Service Piping										
108-a	3/4-incg PEX Service Line	LF	50	60.00	3,000.00	30.00	1,500.00	22.00	1,100.00		
108-b	¾-inch PEX Service Line by Trenchless Method	LF	150	60.00	9,000.00	72.00	10,800.00	65.00	9,750.00		
109	Water Main Piping										
109-a	6-inch PVC Waterline	LF	1,860	54.00	100,440.00	67.00	124,620.00	78.00	145,080.00		
TOTAL: SCHEDULE VI – REYNOLDS BRIDGE ROAD				\$	144,922.90	\$	193,720.00	\$	211,382.00		
TOTAL BASE BID: SCHEDULE I,II,III, IV, V, & VI				\$	1,115,793.70	\$	1,480,440.00	\$	1,546,598.00		
DEDUCTIVE ALTERNATES											
D-1	Deduct one hundred (100) percent of Schedule VI Total and 30 calendar days contract time.	TOTAL				\$	193,720.00	\$	211,382.00		
D-2	Deduct twenty-five (25) percent of Schedule V Total and 7 calendar days contract time.	TOTAL				\$	64,195.00	\$	67,145.50		
D-3	Deduct twenty-five (25) percent of Schedule V Total and 8 calendar days contract time.	TOTAL				\$	64,195.00	\$	67,145.50		
D-4	Deduct twenty-five (25) percent of Schedule V Total and 7 calendar days contract time.	TOTAL				\$	64,195.00	\$	67,145.50		
D-5	Deduct twenty-five (25) percent of Schedule V Total and 8 calendar days contract time.	TOTAL				\$	64,195.00	\$	67,145.50		
D-6	Deduct twenty-five (25) percent of Schedule IV Total and 7 calendar days contract time.	TOTAL				\$	27,880.00	\$	23,695.00		
D-7	Deduct twenty-five (25) percent of Schedule IV Total and 8 calendar days contract time.	TOTAL				\$	27,880.00	\$	23,695.00		
D-8	Deduct twenty-five (25) percent of Schedule IV Total and 7 calendar days contract time.	TOTAL				\$	27,880.00	\$	23,695.00		

PROJECT: 2023 Benton ARP Water System Improvements				Bidder:		Norris Brothers Excavating, LLC		HL Construction, LLC		Allied Underground Services, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total		
D-9	Deduct twenty-five (25) percent of Schedule IV Total and 8 calendar days contract time.	TOTAL				\$	27,880.00	\$	23,695.00		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI) AND 30 CALENDAR DAYS CONTRACT TIME.						\$	1,286,720.00	\$	1,335,216.00		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI) PLUS D-2 (25% OF SCHEDULE V) AND 37 CALENDAR DAYS CONTRACT TIME.						\$	1,222,525.00	\$	1,268,071.00		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2 PLUS D-3 (50% OF SCHEDULE V) AND 45 CALENDAR DAYS CONTRACT TIME.						\$	1,158,330.00	\$	1,200,925.50		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3 PLUS D-4 (75% OF SCHEDULE V) AND 52 CALENDAR DAYS CONTRACT TIME.						\$	1,094,135.00	\$	1,133,780.00		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3 & D-4, PLUS D-5 (100% OF SCHEDULE V) AND 60 CALENDAR DAYS CONTRACT TIME.						\$	1,029,940.00	\$	1,066,634.50		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3, D-4, & D-5 (100% OF SCHEDULE V) PLUS D-6 (25% OF SCHEDULE IV) AND 67 CALENDAR DAYS CONTRACT TIME.						\$	1,002,060.00	\$	1,042,939.50		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3, D-4, & D-5 (100% OF SCHEDULE V), D-6 PLUS D-7 (50% OF SCHEDULE IV) AND 75 CALENDAR DAYS CONTRACT TIME.						\$	974,180.00	\$	1,019,244.50		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3, D-4, & D-5 (100% OF SCHEDULE V), D-6, D-7 PLUS D-8 (75% OF SCHEDULE IV) AND 82 CALENDAR DAYS CONTRACT TIME.						\$	946,300.00	\$	995,549.50		
TOTAL: BASE BID LESS D-1 (100% OF SCHEDULE VI), D-2, D-3, D-4, & D-5 (100% OF SCHEDULE V), D-6, D-7, & D-8 PLUS D-9 (100% OF SCHEDULE IV) AND 90 CALENDAR DAYS CONTRACT TIME.						\$	918,420.00	\$	971,854.50		

Footnote Norris Bros. Excavating, LLC: Total Base Bid, Math Correction
Planholder: Kiwi Construction, LLC did not bid.

I hereby certify that the above is a true and accurate tabulation of bids received at 2:00 p.m. (Local) on Tuesday, March 26, 2024, at the Town of Benton, Town Hall located, 6496 Hwy 411 North, Benton, TN 37307 for the 2023 Benton ARP Water System Improvements project.

By  _____
John L. King, P.E., Project Manager
Tennessee License No. 103702
CTI Engineers, Inc.
112 Durwood Road, Suite A
Knoxville, TN 37922