

BID TABULATION
2021 HARRIMAN CDBG WATER SYSTEM IMPROVEMENTS
CONTRACT NO. 14980
HARRIMAN, TENNESSEE
HARRIMAN UTILITY BOARD

Bid Opening Time: 2:00 PM Date: June 21, 2023 Place: Harriman Utility Board 200 North Roane Street Harriman, TN 37748	Name of Bidder: HL Management Services, LLC dba HL Construction 260 9th Street SE Cleveland, TN 37311	Norris Bros. Excavating, LLC 22 Northside Lane Crossville, TN 38571
	Bid Bond: National American Insurance Co. P.O. Box 9 Chandler, OK 74834	Atlantic Specialty Insurance Company 605 HWY 169 N., Ste. 800 Plymouth, MN 55441

BASE BID

SCHEDULE I – SNOW LANE LINE A STA 0+00 TO 25+10

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total
101	Cast-in-Place Concrete						
101-a	Class B Concrete	CY	3	\$300.00	\$900.00	\$ 175.00	\$ 525.00
102	Earthwork						
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	4	\$200.00	\$800.00	\$ 45.00	\$ 180.00
103	Roadway / Driveway Replacement						
103-a	Asphalt Roadway Replacement	LF	110	\$ 150.00	\$16,500.00	\$ 80.00	\$ 8,800.00
103-b	Asphalt Driveway Replacement	LF	300	\$ 120.00	\$36,000.00	\$ 80.00	\$ 24,000.00
104	Ductile Iron Fittings						
104-a	Ductile Iron Fittings	LB	1,600	\$ 14.75	\$23,600.00	\$ 6.00	\$ 9,600.00
105	Valves						
105-a	6-inch Gate Valve	EA	7	\$ 3,200.00	\$22,400.00	\$ 1,500.00	\$ 10,500.00
105-b	4-inch Gate Valve	EA	1	\$ 2,800.00	\$2,800.00	\$ 1,200.00	\$ 1,200.00
106	Connections to Existing Waterlines						
106-a	Connect New 6-inch Waterline to Existing 8-inch Waterline w/ Tapping Sleeve and Valve	EA	1	\$ 4,800.00	\$4,800.00	\$ 9,000.00	\$ 9,000.00
106-b	Connect New 4-inch Waterline to Existing 4-inch Waterline w/ Tapping Sleeve and Valve	EA	1	\$ 3,200.00	\$3,200.00	\$ 9,000.00	\$ 9,000.00
106-c	Connect New 6-inch Waterline to Existing 4-inch Waterline at Pump Station	EA	2	\$ 4,200.00	\$8,400.00	\$ 9,000.00	\$ 18,000.00
107	Water Services						
107-a	Service Connections & Meters	EA	9	\$ 1,400.00	\$12,600.00	\$ 1,200.00	\$ 10,800.00
108	Water Service Piping						
108-a	¾-inch PEXa Service Line	LF	90	\$ 30.00	\$2,700.00	\$ 60.00	\$ 5,400.00
108-b	¾-inch PEXa Service Line by Trenchless Method	LF	150	\$ 75.00	\$11,250.00	\$ 150.00	\$ 22,500.00
109	Water Main Piping						
109-a	6-inch PVC Waterline	LF	2,060	\$ 72.00	\$ 148,320.00	\$ 170.00	\$ 350,200.00
109-b	6-inch PVC Waterline in Roadway	LF	20	\$ 110.00	\$2,200.00	\$ 220.00	\$ 4,400.00
109-c	6-inch Ductile Iron Waterline	LF	470	\$ 105.00	\$49,350.00	\$ 145.00	\$ 68,150.00
109-d	6-inch Ductile Iron Waterline in Roadway	LF	40	\$ 130.00	\$5,200.00	\$ 245.00	\$ 9,800.00
109-e	4-inch PVC Waterline in Roadway	LF	25	\$ 130.00	\$3,250.00	\$ 210.00	\$ 5,250.00

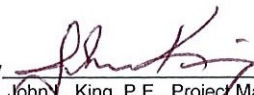
PROJECT: 2021 HARRIMAN CDBG WATER SYSTEM IMPROVEMENTS CONTRACT NO. 14980				Bidder:	HL Construction		Norris Bros. Excavating, LLC	
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	
110	Blow-Offs							
110-2	2-Inch Blow Off	EA	1	\$ 3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	
TOTAL: SCHEDULE I – SNOW LANE LINE A STA 0+00 TO 25+10				\$	357,770.00	\$	571,305.00	
SCHEDULE II – RIGGS CHAPEL ROAD LINE B STA 6+20 TO 21+75								
101	Cast-in-Place Concrete							
101-a	Class B Concrete							
102	Earthwork							
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer							
103	Roadway / Driveway Replacement							
103-a	Asphalt Roadway Replacement	LF	25	\$ 150.00	\$3,750.00	\$80.00	\$ 2,000.00	
103-b	Asphalt Driveway Replacement	LF	135	\$ 120.00	\$16,200.00	\$30.00	\$ 4,050.00	
103-c	Concrete Driveway Replacement	LF	20	\$ 200.00	\$4,000.00	\$30.00	\$ 600.00	
104	Ductile Iron Fittings							
104-a	Ductile Iron Fittings							
105	Valves							
105-a	6-inch Gate Valve	EA	4	\$ 3,200.00	\$12,800.00	\$1,500.00	\$ 6,000.00	
105-b	4-inch Gate Valve	EA	2	\$ 2,800.00	\$5,600.00	\$1,200.00	\$ 2,400.00	
106	Connections to Existing Waterlines							
106-b	Connect New 4-inch Waterline to Existing 4-inch Waterline w/ Tapping Sleeve and Valve	EA	1	\$ 3,200.00	\$3,200.00	\$9,000.00	\$ 9,000.00	
106-d	Connect New 4-inch Waterline to Existing 4-inch Waterline w/ Restrained Coupling	EA	1	\$ 3,600.00	\$3,600.00	\$9,000.00	\$ 9,000.00	
107	Water Services							
107-a	Service Connections & Meters	EA	5	\$ 1,400.00	\$7,000.00	\$1,200.00	\$ 6,000.00	
108	Water Service Piping							
108-a	¾-inch PEXa Service Line	LF	230	\$ 30.00	\$6,900.00	\$60.00	\$ 13,800.00	
108-b	¾-inch PEXa Service Line by Trenchless Method	LF	130	\$ 75.00	\$9,750.00	\$150.00	\$ 19,500.00	
109	Water Main Piping							
109-a	6-inch PVC Waterline	LF	1,560	\$ 72.00	\$112,320.00	\$170.00	\$ 265,200.00	
109-e	4-inch PVC Waterline in Roadway	LF	25	\$ 130.00	\$3,250.00	\$220.00	\$ 5,500.00	
110	Blow-Offs							
110-a	2-inch Blow Off	EA	1	\$ 3,500.00	\$3,500.00	\$4,000.00	\$ 4,000.00	
SCHEDULE II – RIGGS CHAPEL ROAD LINE B STA 6+20 TO 21+75				\$	191,870.00	\$	347,050.00	
SCHEDULE III – RIGGS CHAPEL ROAD LINE B STA 0+00 TO 6+20								
101	Cast-in-Place Concrete							
101-a	Class B Concrete	CY	2	\$300.00	\$600.00	\$175.00	\$350.00	
102	Earthwork							
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by Engineer	CY	2	\$200.00	\$400.00	\$45.00	\$90.00	
103	Roadway / Driveway Replacement							
103-a	Asphalt Roadway Replacement	LF	250	\$150.00	\$37,500.00	\$80.00	\$20,000.00	
104	Ductile Iron Fittings							
104-a	Ductile Iron Fittings	LB	2,400	\$14.75	\$35,400.00 ¹	\$6.00	\$14,400.00	

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Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	
105	Valves							
105-a	6-inch Gate Valve	EA	2	\$3,200.00	\$6,400.00	\$1,500.00	\$3,000.00	
105-b	4-inch Gate Valve	EA	1	\$2,800.00	\$2,800.00	\$1,200.00	\$1,200.00	
105-c	1-inch Air Release Valve Assembly	EA	1	\$2,800.00	\$2,800.00	\$4,000.00	\$4,000.00	
106	Connections to Existing Waterlines							
106-d	Connect New 4-inch Waterline to Existing 4-inch Waterline w/ Restrained Coupling	EA	1	\$3,200.00	\$3,200.00	\$9,000.00	\$9,000.00	
107	Water Services							
107-a	Service Connections & Meters	EA	1	\$1,400.00	\$1,400.00	\$1,200.00	\$1,200.00	
108	Water Service Piping							
108-a	¾-inch PEXa Service Line	LF	40	\$30.00	\$1,200.00	\$60.00	\$2,400.00	
109	Water Main Piping							
109-a	6-inch PVC Waterline	LF	360	\$72.00	\$25,920.00	\$170.00	\$61,200.00	
109-b	6-inch PVC Waterline in Roadway	LF	240	\$110.00	\$26,400.00	\$220.00	\$52,800.00	
109-d	6-inch Ductile Iron Waterline in Paved Area	LF	40	\$130.00	\$5,200.00	\$245.00	\$9,800.00	
109-e	4-inch PVC Waterline in Roadway	LF	45	\$130.00	\$5,850.00	\$210.00	\$9,450.00	
TOTAL: SCHEDULE III – RIGGS CHAPEL ROAD LINE B STA 0+00 TO 6+20				\$	155,070.00	\$	188,890.00	
SCHEDULE IV – RIGGS CHAPEL ROAD LINE B STA 21+75 TO 29+50								
101	Cast-in-Place Concrete							
101a	Class B Concrete	CY	1	\$300.00	\$300.00	\$175.00	\$175.00	
102	Earthwork							
102-a	Crushed Rock Bedding in Excess of Standard Trench Bedding, as Required by	CY	1	\$200.00	\$200.00	\$45.00	\$45.00	
103	Roadway / Driveway Replacement							
103-b	Asphalt Driveway Replacement	LF	210	\$120.00	\$25,200.00	\$80.00	\$16,800.00	
104	Ductile Iron Fittings							
104-a	Ductile Iron Fittings	LB	300	\$14.75	\$4,425.00	\$6.00	\$1,800.00	
107	Water Services							
107-a	Service Connections & Meters	EA	4	\$1,400.00	\$5,600.00	\$1,200.00	\$4,800.00	
108	Water Service Piping							
108-a	¾-inch PEXa Service Line	LF	40	\$30.00	\$1,200.00	\$60.00	\$2,400.00	
108-b	¾-inch PEXa Service Line by Trenchless Method	LF	25	\$75.00	\$1,875.00	\$150.00	\$3,750.00	
109	Water Main Piping							
109-a	6-inch PVC Waterline	LF	775	\$72.00	\$55,800.00	\$170.00	\$131,750.00	
TOTAL: SCHEDULE IV – RIGGS CHAPEL ROAD LINE B STA 21+75 TO 29+50				\$	94,600.00	\$	161,520.00	
SCHEDULE V – RIGGS CHAPEL ROAD LINE B STA 29+50 TO 37+40								
104	Ductile Iron Fittings							
104-a	Ductile Iron Fittings	LB	200	\$14.75	\$2,950.00	\$175.00	\$35,000.00	
107	Water Services							
107-a	Service Connections & Meters	EA	1	\$1,400.00	\$1,400.00	\$1,200.00	\$1,200.00	
108	Water Service Piping							
108-a	¾-inch PEXa Service Line	LS	10	\$30.00	\$300.00	\$60.00	\$600.00	

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Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	
109	Water Main Piping							
109-a	6-inch PVC Waterline	LF	790	\$72.00	\$56,880.00	\$170.00	\$134,300.00	
TOTAL: SCHEDULE V – RIGGS CHAPEL ROAD LINE B STA 29+50 TO 37+40				\$	61,530.00	\$	171,100.00	
SCHEDULE VI – SNOW LANE LINE A STA 25+10 TO 51+75								
103	Roadway/Driveway Replacement							
103-a	Asphalt Roadway Replacement	LF	200	\$150.00	\$30,000.00	\$80.00	\$16,000.00	
103-b	Asphalt Driveway Replacement	LF	200	\$120.00	\$24,000.00	\$80.00	\$16,000.00	
107	Water Services							
107-a	Service Connections & Meters	EA	6	\$1,400.00	\$8,400.00	\$1,200.00	\$7,200.00	
108	Water Service Piping							
108-a	¾-inch PEXa Service Line	LF	40	\$30.00	\$1,200.00	\$60.00	\$2,400.00	
108-b	¾-inch PEXa Service Line by Trenchless Method	LF	100	\$75.00	\$7,500.00	\$150.00	\$15,000.00	
109	Water Main Piping							
109-a	6-inch PVC Waterline	LF	2,610	\$72.00	\$187,920.00	\$170.00	\$443,700.00	
109-b	6-inch PVC Waterline in Roadway	LF	200	\$110.00	\$22,000.00	\$220.00	\$44,000.00	
109-e	4-inch PVC Waterline in Roadway	LF	25	\$130.00	\$3,250.00	\$210.00	\$5,250.00	
SCHEDULE VI – SNOW LANE LINE A STA 25+10 TO 51+65				\$	284,270.00	\$	549,550.00	
TOTAL: BASE BID (SCHEDULE I, II, III, IV, & V)				\$	1,145,110.00 ¹		\$1,989,415.00 ²	
DEDUCTIVE ALTERNATES (MUST MATCH TOTAL OF EACH SCHEDULE)								
D-1	Deduct Schedule VI			\$	284,270.00	\$	549,550.00 ²	
D-2	Deduct Schedule V			\$	61,530.00	\$	171,100.00 ²	
D-3	Deduct Schedule IV			\$	94,600.00	\$	161,520.00 ²	
D-4	Deduct Schedule III			\$	155,070.00 ¹	\$	188,890.00 ²	
D-5	Deduct twenty-five (25) percent of Schedule II Total			\$	47,967.50		N/A	
D-6	Deduct twenty-five (25) percent of Schedule II Total			\$	47,967.50		N/A	
D-7	Deduct twenty-five (25) percent of Schedule II Total			\$	47,967.50		N/A	
TOTAL: BASE BID LESS D-1				\$	860,840.00 ¹	\$	1,439,865.00 ²	
TOTAL: BASE BID LESS D-1 & D-2				\$	799,310.00 ¹	\$	1,268,765.00 ²	
TOTAL: BASE BID LESS D-1, D-2 & D-3				\$	704,710.00 ¹	\$	1,107,245.00 ²	
TOTAL: BASE BID LESS D-1, D-2, D-3 & D-4				\$	549,640.00 ¹	\$	918,355.00 ²	
TOTAL: BASE BID LESS D-1, D-2, D-3, D-4 & D-5				\$	501,672.50 ¹		N/A	
TOTAL: BASE BID LESS D-1, D-2, D-3, D-4, D-5 & D-6				\$	453,705.00 ¹		N/A	
TOTAL: BASE BID LESS D-1, D-2, D-3, D-4, D-5, D-6 & D-7				\$	405,737.50 ¹		N/A	

Footnote 1: HL Management Service LLC dba HL Construction: Schedule III and Deductive Alternates; math corrections.
2: Norris Bros. Excavating: Deductive Alternates; math corrections.

I hereby certify that the above is a true and accurate tabulation of bids received at 2:00 p.m. (E.S.T.) on Wednesday, June 21, 2023, at the office of Harriman Utility Board, 200 North Roane Street, Harriman, TN 37748 for the 2021 Harriman CDBG 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