



**GRW** | engineering | architecture | geospatial  
404 BNA Drive, Suite 201 | Nashville, TN 37217  
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February 19, 2020

Mr. James Mayberry, Mayor  
City of Crossville TN  
Crossville City Hall  
392 N. Main Street  
Crossville, TN 38555

Re: Crossville TN  
Miller Avenue Force Main  
GRW Project No. 3671-13

Dear Mayor Mayberry;

Bids for the above referenced project were received, opened, and publically read aloud at 2:00 P.M. on Tuesday, February 18, 2020 at the City Hall in Crossville TN. A copy of the attendance record and certified copy of the Bid Tabulation is enclosed. The Bids received were as follows:

<b>Contractor</b>	<b>Bid Price</b>
Ironwood Construction & Engineering, LLC	\$669,765.00
Norris Bros. Excavating	\$747,885.00
Hamilton Consulting & Construction, LLC	\$849,950.00
Hopper Excavating, LLC	\$962,440.00
Danson Construction	\$974,775.00
Green Brothers Construction	\$984,595.00

We feel the bids are both competitive and responsive and that the contractor has complied with the rules and regulations of the State Contractor's Licensing Board.

Ironwood Construction & Engineering, LLC is appropriately licensed by the State of Tennessee and sufficiently bonded to perform the work for this contract.



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Page Two

February 19, 2020

Mr. James Mayberry, Mayor

Based on this information, we therefore recommend award of the contract to Ironwood Construction & Engineering, LLC in the amount of \$669,765.00. Please let us know when you wish to proceed with the award so we may prepare the contract documents for execution.

If there are any questions please feel free to contact me.

Sincerely,

**GRW Engineers, Inc.**

A handwritten signature in black ink that reads "Jim Hilborn". The signature is written in a cursive style with a large, sweeping 'J' and 'H'.

Jim Hilborn, P.E..

Enclosures

cc: Mr. Greg Wood  
Ms. Valerie Hale  
Mr. Tim Begley  
File: 3671-13 A



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CERTIFIED BID TABULATION  
 CITY OF CROSSVILLE  
 MILLER AVENUE FORCE MAIN  
 GRW PROJECT NO. 3671-13  
 BID OPENING: FEBRUARY 18, 2020 @ 2:00 P.M. (LOCAL TIME)

Item No.	Description	Est. Qty.	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	12" HDPE - DR11	6,630	LF	\$74.00	\$490,620.00	\$98.00	\$649,740.00	\$92.99	\$616,523.70	\$98.00	\$649,740.00	\$120.00	\$795,600.00	\$118.50	\$785,655.00
2	8" PVC to 12" HDPE DR11 - adaptor/connections	2	EA	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$75.00	\$150.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$8,000.00	\$16,000.00
3	8" -90° DJP Bend (fittings)	1	EA	\$500.00	\$500.00	\$450.00	\$450.00	\$1,323.25	\$1,323.25	\$1,000.00	\$1,000.00	\$600.00	\$600.00	\$500.00	\$500.00
4	12" HDPE DR11 adaptors to 8" DJP bends or fittings	2	EA	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$1,900.00	\$3,800.00	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00
5	Air/Vacuum Valve w/manhole	5	EA	\$3,000.00	\$15,000.00	\$3,800.00	\$19,000.00	\$4,800.00	\$24,000.00	\$7,000.00	\$35,000.00	\$3,500.00	\$17,500.00	\$3,600.00	\$18,000.00
6	Temporary Bypass piping at Miller Avenue 16' casing - carrier pipe replacement	1	EA	\$50,000.00	\$50,000.00	\$6,500.00	\$6,500.00	\$19,000.00	\$19,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$59,000.00	\$59,000.00
7	Bore & Jack 18" Steel Casing Pipe installed w/12" HDPE DR11 carrier pipes	70	LF	\$1,000.00	\$70,000.00	\$220.00	\$15,400.00	\$1,300.00	\$91,000.00	\$700.00	\$49,000.00	\$600.00	\$42,000.00	\$419.00	\$29,330.00
8	Loading new HDPE pipe in existing casing pipes	165	LF	\$50.00	\$8,250.00	\$180.00	\$29,700.00	\$55.00	\$9,075.00	\$70.00	\$11,550.00	\$100.00	\$16,500.00	\$80.00	\$13,200.00
9	Pavement Replacement and Repair	150	LF	\$40.00	\$6,000.00	\$30.00	\$4,500.00	\$205.00	\$30,750.00	\$50.00	\$7,500.00	\$125.00	\$18,750.00	\$85.00	\$12,750.00
10	Standard Ditch Crossing	30	LF	\$100.00	\$3,000.00	\$30.00	\$900.00	\$400.00	\$12,000.00	\$1,200.00	\$36,000.00	\$150.00	\$4,500.00	\$600.00	\$18,000.00
11	Concrete for curbs, anchors or encasement	10	CY	\$300.00	\$3,000.00	\$110.00	\$1,100.00	\$205.11	\$2,051.10	\$300.00	\$3,000.00	\$300.00	\$3,000.00	\$350.00	\$3,500.00
12	Erosion Control Items (silt fencing, straw bales, wattles, etc.)	6,465	LF	\$3.00	\$19,395.00	\$3.00	\$19,395.00	\$6.23	\$40,276.95	\$10.00	\$64,650.00	\$5.00	\$32,325.00	\$4.00	\$25,860.00
<b>TOTAL BID ITEMS 1-12</b>					<b>\$669,765.00</b>		<b>\$747,885.00</b>		<b>\$849,950.00</b>		<b>\$962,440.00</b>		<b>\$974,775.00</b>		<b>\$984,595.00</b>

I do hereby certify that the above is a true and correct copy of the bids received.

James Hilborn, P.E.  
 GRW Engineers, Inc.  
 Tennessee License No. 16,514

**ATTENDANCE RECORD OF BID OPENING  
 CITY OF CROSSVILLE, TENNESSEE  
 PROJECT NUMBER 3671-13  
 MILLER AVENUE FORCE MAIN  
 TUESDAY, FEBRUARY 18, 2020 @ 2:00 P.M. (LOCAL TIME)**

NAME	REPRESENTING
Jim H. Barr	G.R.W
Curtly Dyer	Green Brothers Con.
Billy Hopper	Hopper Exc.
Rob Kimbro	Ironwood Const.
Ashley Kinnett	Norris Bros Exc.
<del>George Hamilton</del>	J. Paul Smith Const.
Tim Realy	City of Crossville
Valerie Hill	City of Crossville
Brandon Lewis	Consolidated Paper Supply