

FINAL ENGINEERING REPORT

CLIFTY CREEK AREA WATER SYSTEM IMPROVEMENTS – PHASE 2:
KY HIGHWAY 80/FISHING CREEK BRIDGE WATER LINE REPLACEMENT

For The

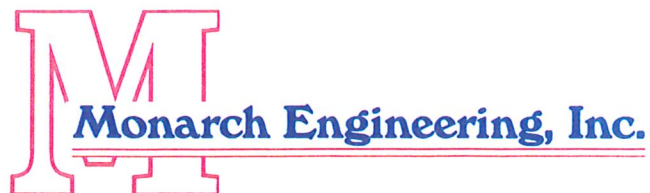
WESTERN PULASKI COUNTY WATER DISTRICT

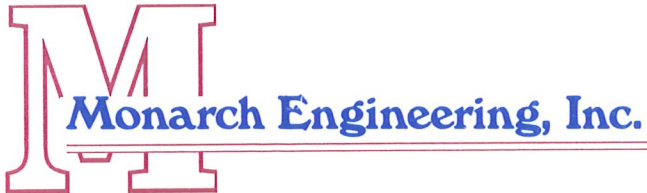
Project Financed By:

U.S.D.A. RURAL DEVELOPMENT

KENTUCKY INFRASTRUCTURE AUTHORITY (KIA)

OCTOBER 2020





October 5, 2020

Mr. Don Calder, Chairman
Western Pulaski County Water District
2128 West Highway 80
Somerset, KY 42503

Re: Big Clifty Creek Area Water System Improvements – Phase 2
KY Highway 80/Fishing Creek Bridge Water Line Replacement

Dear Mr. Calder:

On September 29, bids were received by the Water District for the Big Clifty Creek Area Water System Improvements – Phase 2 KY Highway 80/Fishing Creek Bridge Water Line Replacement. Two bids were submitted for the Phase 2 KY Highway 80/Fishing Creek Bridge Water Line Replacement with the lowest bid from Flo-Line Contracting, LLC located in Monticello, Kentucky in the amount of \$1,385,875.00. A summarized bid tabulation of all bids received is attached.

Due to the need of the water line being replaced on the KY Highway 80/Fishing Creek Bridge, the competitive results of the bids received and that sufficient funds are available for this project, we recommend that you consider pursuing a contract award to Flo-Line Contracting, LLC in the amount of \$1,385,875.00. This recommendation is contingent upon approval from the Kentucky Public Service Commission, USDA Rural Development, and also the Kentucky Infrastructure Authority. A final budget showing all projects costs is attached.

Should you need additional information, please advise.

Sincerely,

A handwritten signature in blue ink that reads 'Deron S. Byrne'.

Deron S. Byrne, P.E.
Principal/Project Engineer

/dsb

Enclosures

MONARCH ENGINEERING, INC.
 556 Carlton Drive
 Lawrenceburg, KY 40342
 Phone (502) 839-1310
 Fax (502) 839-1373

BID TABULATIONS
WESTERN PULASKI COUNTY WATER DISTRICT
BIG CLIFTY CREEK AREA - PHASE 2
KENTUCKY HIGHWAY 80/FISHING CREEK BRIDGE
WATER LINE REPLACEMENT
PULASKI COUNTY, KENTUCKY

BID DATE: SEPTEMBER 29, 2020 @ 11:00 A.M. LOCAL TIME

ITEM NO.	DESCRIPTION	QUANTITY	Flo-Line Contracting		Norris Brothers Excavating, LLC	
			UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BASE BID CONTRACT						
1	12-Inch D.I. Flex Restraint Joint WL	1,250 LF	\$359.00	\$448,750.00	\$1,450.00	\$1,812,500.00
2	12-Inch Ductile Iron CL350 Water Line	1,250 LF	124.50	155,625.00	88.00	110,000.00
3	12-Inch Ductile Flanged Water Line	100 LF	1,000.00	100,000.00	375.00	37,500.00
4	Bore & Case for 12-Inch Water Line	50 LF	450.00	22,500.00	400.00	20,000.00
5	12-Inch Gate Valve	2 EA	5,000.00	10,000.00	3,500.00	7,000.00
6	10-Inch Gate Valve	1 EA	4,500.00	4,500.00	3,000.00	3,000.00
7	8-Inch Gate Valve	1 EA	2,500.00	2,500.00	3,000.00	3,000.00
8	Flush Assembly	2 EA	4,500.00	9,000.00	3,000.00	6,000.00
9	Connection	2 EA	5,000.00	10,000.00	6,000.00	12,000.00
10	Pipe Hangers	140 EA	2,900.00	406,000.00	750.00	105,000.00
11	Flexible Expansion Joint	4 EA	18,000.00	72,000.00	5,000.00	20,000.00
12	Removal of Existing 10-Inch Water Line	1 LS	68,000.00	68,000.00	250,000.00	250,000.00
13	Remove & Replace Existing Paved Ditches	1 LS	12,000.00	12,000.00	30,000.00	30,000.00
13	Pipe Restraint Wall	2 EA	15,000.00	30,000.00	6,000.00	12,000.00
14	Traffic Control	1 LS	30,000.00	30,000.00	25,000.00	25,000.00
16	Exploration	20 HR	250.00	5,000.00	60.00	1,200.00
TOTAL BASE BID				\$1,385,875.00		\$2,454,200.00

THE ABOVE IS A TRUE AND COMPLETE TABULATION OF BIDS RECEIVED AT 11:00 A.M. LOCAL TIME, TUESDAY, SEPTEMBER 29, 2020 AT THE WESTERN PULASKI COUNTY WATER DISTRICT.



BY: *Deron S. Byrd*
 Date: 9-30-2020

FINAL BUDGET
BIG CLIFTY AREA WATER SYSTEM IMPROVEMENTS - PHASE 2
KY HIGHWAY 80/FISHING CREEK BRIDGE WATER LINE REPLACEMENT
WESTERN PULASKI WATER DISTRICT
OCTOBER 5, 2020

PROJECT COSTS

DEVELOPMENT	\$1,385,875.00
CONTINGENCY	288,354.00
ENGINEERING DESIGN	116,274.91
ENGINEERING INSPECTION	72,204.09
KIA ADMINISTRATION FEE (0.20%)	2,292.00

TOTAL PROJECT COSTS

\$1,865,000.00

PROJECT FINANCING

USDA RURAL DEVELOPMENT GRANT	\$719,000.00
KIA FUND B (DWSRF) LOAN	<u>1,146,000.00</u>

TOTAL PROJECT FINANCING

\$1,865,000.00