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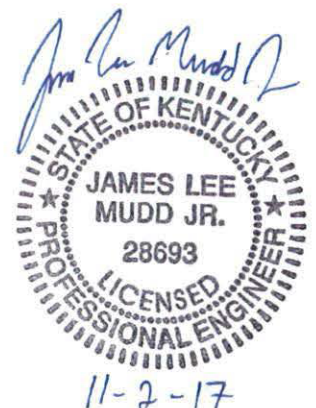
PUBLIC SERVICE
COMMISSION

FINAL ENGINEERING REPORT

SULPHUR CREEK ROAD
WATER SYSTEM IMPROVEMENTS

CUMBERLAND COUNTY WATER DISTRICT
CUMBERLAND COUNTY, KENTUCKY

NOVEMBER 2017





November 2, 2017

Mr. Alvin Pharis, Chairman
Cumberland County Water District
133 Lower River Street
Burkesville, Kentucky 42717

Re: Sulphur Creek Road Water System Improvements
Bid Results and Recommendation for Contract Award

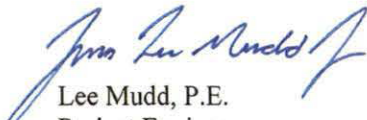
Dear Mr. Pharis:

On November 2, 2017, bids were received by the District for construction of the Sulphur Creek Road Water System Improvements project. This project includes the replacement of the aging and undersized 4-inch water line laying adjacent to Kentucky Highway 485 in southern Cumberland County. Two proposals were received, with the lowest being submitted by Stotts Construction Co., Inc. of Columbia, Kentucky, for \$728,560.00. A summarized tabulation of all bids received and a Final Project Budget have been included for your reference.

As indicated in the Final Project Budget, the total "as-bid" project costs are within the amount of allocated financing. Given the competitive nature of the bids received, and the necessity of the proposed improvements, we recommend that the Company consider awarding a contract to Stotts Construction Co., Inc. for the full bid amount. This recommendation is contingent upon approval from USDA Rural Development, and the Kentucky Public Service Commission.

Should you have any questions or require any additional information, please advise.

Sincerely,



Lee Mudd, P.E.
Project Engineer

/jlm

Attachments

Cc: Mark Givens
Area Specialist, USDA Rural Development
Julie Anderson
State Engineer, USDA Rural Development
Anthony Hollinsworth
Program Director, USDA Rural Development

BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
SULPHUR CREEK ROAD
WATER SYSTEM IMPROVEMENTS
CUMBERLAND COUNTY, KENTUCKY

BID DATE: NOVEMBER 2, 2017 @ 11:00 A.M. LOCAL TIME

			Stotts Construction Co. P.O. Box 1689 Columbia, KY 42728		Cumberland Pipeline, LLC P.O. Box 277 Russell Springs, KY 42642	
ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
	BASE BID CONTRACT					
1	6-Inch PVC SDR 17 Water Line	14,350 LF	\$30.00	\$430,500.00	\$44.00	\$631,400.00
2	4-Inch PVC SDR 17 Water Line	50 LF	30.00	1,500.00	40.00	2,000.00
3	3-Inch PVC SDR 17 Water Line	400 LF	30.00	12,000.00	40.00	16,000.00
4	Bore & Case for 6-Inch Water Line	220 LF	220.00	48,400.00	275.00	60,500.00
5	Bore & Case for 3-Inch Water Line	30 LF	200.00	6,000.00	275.00	8,250.00
6	Free Bore & Case for 6-Inch Water Line	300 LF	165.00	49,500.00	96.00	28,800.00
7	Open Cut & Case for 6-Inch Water Line	180 LF	125.00	22,500.00	96.00	17,280.00
8	6-Inch Gate Valve	7 EA	1,200.00	8,400.00	950.00	6,650.00
9	4-Inch Gate Valve	3 EA	1,100.00	3,300.00	875.00	2,625.00
10	3-Inch Gate Valve	3 EA	1,000.00	3,000.00	550.00	1,650.00
11	3-Way Flush Hydrant Assembly	3 EA	4,000.00	12,000.00	3,750.00	11,250.00
12	Partial Blowoff Assembly	1 EA	1,000.00	1,000.00	500.00	500.00
13	Direct Connection	3 EA	500.00	1,500.00	1,000.00	3,000.00
14	Type II Connection	2 EA	1,000.00	2,000.00	1,900.00	3,800.00
15	Meter Setting (less meter)	3 EA	1,000.00	3,000.00	1,100.00	3,300.00
16	Standard Meter Reconnection	47 EA	400.00	18,800.00	500.00	23,500.00
17	1-Inch Meter Reconnection	1 EA	400.00	400.00	725.00	725.00
18	2-Inch Meter Reconnection	1 EA	1,000.00	1,000.00	750.00	750.00
19	Service Line Reconnection	3 EA	120.00	360.00	500.00	1,500.00
20	3/4-Inch PE Service Line	2,300 LF	20.00	46,000.00	15.00	34,500.00
	BASE BID CONTRACT - Continued					

THE ABOVE IS A TRUE AND COMPLETE TABULATION OF BIDS RECEIVED AT 11:00A.M. LOCAL TIME, THURSDAY, NOVEMBER 2, 2017 AT THE CUMBERLAND COUNTY WATER DISTRICT.

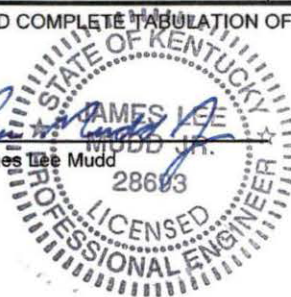
BY:

James Lee Mudd

11-2-17

Date

Project No. 1619



MONARCH ENGINEERING, INC.

556 Carlton Drive

Lawrenceburg, KY 40342

Phone (502) 839-1310

Fax (502) 839-1373

BID TABULATIONS
CUMBERLAND COUNTY WATER DISTRICT
SULPHUR CREEK ROAD
WATER SYSTEM IMPROVEMENTS
CUMBERLAND COUNTY, KENTUCKY
BID DATE: NOVEMBER 2, 2017 @ 11:00 A.M. LOCAL TIME

Page 2 of 2

Stotts Construction Co.
P.O. Box 1689
Columbia, KY 42728

Cumberland Pipeline, LLC
P.O. Box 277
Russell Springs, KY 42642

ITEM NO.	DESCRIPTION	QUANTITY	PRICE	COST	UNIT PRICE	TOTAL COST
	BASE BID CONTRACT - Continued					
21	Bore & Case for 3/4-Inch PE Service Line	240 LF	\$30.00	\$7,200.00	\$75.00	\$18,000.00
22	1-Inch PE Service Line	120 LF	25.00	3,000.00	20.00	2,400.00
23	2-Inch PVC SDR-17 Service Line	40 LF	25.00	1,000.00	20.00	800.00
24	Master Meter Vault	1 LS	20,000.00	20,000.00	13,000.00	13,000.00
25	Pressure Reducing Vault	1 LS	25,000.00	25,000.00	25,000.00	25,000.00
26	Exploration	120 HR	10.00	1,200.00	90.00	10,800.00
	TOTAL BASE BID			\$728,560.00		\$927,980.00

**FINAL PROJECT BUDGET
SULPHUR CREEK ROAD
WATER SYSTEM IMPROVEMENTS
CUMBERLAND COUNTY WATER DISTRICT
NOVEMBER 2017**

PROJECT COSTS

DEVELOPMENT	\$728,560
CONTINGENCY	72,840
ENGINEERING DESIGN	70,000
CONSTRUCTION INSPECTION	47,000
LEGAL & ADMINISTRATIVE	20,000
ENVIRONMENTAL ASSESSMENT	8,000
PRELIMINARY ENGINEERING REPORT	10,000
CONSTRUCTION INTEREST	30,000
OTHER MISCELLANEOUS COSTS	<u>13,600</u>
TOTAL PROJECT COSTS	\$1,000,000

PROJECT FINANCING

USDA RURAL DEVELOPMENT LOAN	700,000
USDA RURAL DEVELOPMENT GRANT	<u>300,000</u>
TOTAL PROJECT FINANCING	\$1,000,000