

Issue Analysis Form

Date: May 26, 2020

Item: Award of Contract for Construction of Route 460 Water Line Extension

Lead Department: Engineering & Utilities

Contact Persons: Frank Haltom, Director



Description and Current Status

The Route 460 water line extension is one of two projects planned for the Food Lion Water System Upgrades. The other project is the booster station upgrades, which is anticipated to be bid in September. The Route 460 water line project will extend the County's central water system to the Food Lion water system. The construction plans were advertised for bid on April 14th. Six bids were received by the due date of May 14th. Perkinson Construction, LLC submitted the low bid of \$889,015.76. A summary of the responses is shown below.

County of Prince George IFB 20-0600-26 Route 460 Water Main Extension BIDS DUE: 2:00 PM, MAY 14, 2020		Perkinson Construction, LLC 5500 Prince George Drive Prince George, VA 23875	Bridgeman Undground, Inc. 2031 Northgate Commerce Parkway Suffolk, VA 23435	Richard L. Crowder Construction, Inc. 2101 Puddledock Rd Petersburg, VA 23804	Tidewater Utility Const. Inc 200 Lummis Road Suffolk, VA, 23434	Walter C. Via Enterprises, Inc. P. O. Box 592 West Point, VA 23181	Kelvic Construction Company Inc 58 Kelvic Way Stafford, VA 22554						
GRAND TOTAL		\$889,015.76	\$1,371,645.00	\$1,398,577.28	\$1,475,360.00	\$1,488,991.00	\$2,108,581.00						
ALTERNATE BID ITEMS		Est Qty	Unit	Unit Cost	Extended Price	Unit Cost	Extended Price	Unit Cost	Extended Price	Unit Cost	Extended Price	Unit Cost	Extended Price
ALTERNATE BID ITEM #1: Furnish and Install 12-inch DI Waterline in lieu of 12-inch PVC Waterline		4,089	LF	\$102.70	\$416,859.30	\$ 192.00	\$779,328.00	\$232.75	\$944,732.25	\$250.00	\$1,014,750.00	\$269.00	\$1,091,871.00
ALTERNATE BID ITEM #2: Directional Drill Complete with 14-inch HDPE Carrier Pipe in lieu of Horizontal Bore Complete with 24-inch Steel Casing and 12-inch DI Carrier pipe for the crossing of Route 460		76	LF	\$891.52	\$75,355.52	\$ 600.00	\$45,600.00	\$475.35	\$36,126.60	\$3,000.00	\$228,000.00	\$690.00	\$52,440.00

The Government Path

- Does this require IDA action? Yes No
- Does this require BZA action? Yes No
- Does this require Planning Commission action? Yes No
- Does this require Board of Supervisors action? Yes No

Board Action Requested:

A resolution to award a contract for the construction of the Route 460 water line extension to Perkinson Construction, LLC for \$889,015.76.

Fiscal Impact Statement

\$2,100,000 for the Food Lion Water System Upgrades was included as part of the General Obligation borrowings, Bond Series Spring 2019. Total project encumbrances and expenditures to date is \$429,280, which includes engineering design, construction administration, inspection services, title search and easement acquisition.

Prince George County Impact

Award of this contract provide for the construction of the water line extension along Route 460 to connect the central water system supplied by the Appomattox Rive Water

Authority to the Food Lion water system and thereby abandoning the Food Lion system wells.

Notes

None.

Board of Supervisors
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia, this 26th day of May, 2020:

Present:

Donald Hunter, Chairman
Alan R. Carmichael, Vice-Chair
Floyd M. Brown, Jr.
Marlene J. Waymack
T. J. Webb

Vote:

A-5

On motion of _____, seconded by _____, which carried unanimously, the following Resolution was adopted:

RESOLUTION: AWARD OF CONTRACT FOR THE CONSTRUCTION OF THE ROUTE 460 WATER LINE EXTENSION TO PERKINSON CONSTRUCTION, LLC.

WHEREAS, the Route 460 water line extension and the Food Lion booster station upgrades are two projects planned as part of the Food Lion Water System Upgrades; and

WHEREAS, the Route 460 water line project will extend the County's central water system to the Food Lion water system; and

WHEREAS, the Route 460 water line construction plans were advertised for bid on April 14th. Six bids were received by the due date of May 14th. Perkinson Construction, LLC submitted the low bid of \$889,015.76; and

WHEREAS, \$2,100,000 for the Food Lion Water System Upgrades was included as part of the General Obligation borrowings, Bond Series Spring 2019. Total project encumbrances and expenditures to date is \$429,280, which includes engineering design, construction administration, inspection services, title search and easement acquisition.

NOW, THEREFORE BE IT RESOLVED that the Board of Supervisors of the County of Prince George this 26th day of May, 2020, hereby awards the contract for the construction of the Route 460 water line extension to Perkinson Construction, LLC for \$889,015.76.

A Copy Teste:

Percy C. Ashcraft
County Administrator

Evaluation Sheet

County of Prince George
 IFB 20-0600-26 Route 460 Water Main Extension
 BIDS DUE: 2:00 PM, MAY 14, 2020

BASE BID ALL UNIT PRICES 1-13		Est Qty	Unit	GRAND TOTAL		Unit Cost		Extended Price		Unit Cost		Extended Price		Unit Cost		Extended Price	
1	Furnish and Install 12-inch PVC Waterline	4,059	LF	\$889,015.76	\$889,015.76	\$ 155.00	\$629,145.00	\$197.67	\$802,342.53	\$140.00	\$569,260.00	\$209.00	\$848,331.00	\$288.00	\$1,169,992.00	\$2,108,581.00	\$2,108,581.00
2	Furnish and Install 12-inch DI Waterline	212	LF	\$345,096.18	\$345,096.18	\$ 300.00	\$63,600.00	\$201.31	\$42,677.72	\$250.00	\$53,000.00	\$500.00	\$106,000.00	\$562.00	\$123,384.00	\$2,108,581.00	\$2,108,581.00
3	Furnish and Install 12-inch Gate Valve & Box	11	EA	\$72,190.24	\$72,190.24	\$ 4,000.00	\$44,000.00	\$2,403.83	\$26,442.13	\$5,000.00	\$55,000.00	\$3,000.00	\$33,000.00	\$2,575.00	\$28,325.00	\$2,108,581.00	\$2,108,581.00
4	Directional Drill Complete with 14-inch HDPE Carrier (No Casing)	1,212	LF	\$29,512.67	\$29,512.67	\$ 300.00	\$363,600.00	\$187.00	\$226,644.00	\$300.00	\$363,600.00	\$165.00	\$224,220.00	\$317.00	\$384,204.00	\$2,108,581.00	\$2,108,581.00
5	Horizontal Bore Complete with 24-inch Steel Casing and 12-inch DI Carrier	76	LF	\$147,815.52	\$147,815.52	\$ 1,000.00	\$76,000.00	\$1,079.99	\$82,079.24	\$3,100.00	\$235,600.00	\$690.00	\$52,440.00	\$1,436.00	\$109,136.00	\$2,108,581.00	\$2,108,581.00
6	Furnish and Install Fire Hydrant Assembly (includes 6-inch Gate Valve)	9	EA	\$125,954.04	\$125,954.04	\$ 6,000.00	\$54,000.00	\$5,530.91	\$49,778.19	\$6,500.00	\$59,500.00	\$5,000.00	\$45,000.00	\$7,785.00	\$70,065.00	\$2,108,581.00	\$2,108,581.00
7	Furnish and Install Air Release Valve Assembly	1	EA	\$6,210.07	\$6,210.07	\$ 5,000.00	\$5,000.00	\$2,421.14	\$2,421.14	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$4,880.00	\$4,880.00	\$2,108,581.00	\$2,108,581.00
8	3/4" Water Service, Meter Sitter, and Meter Box (Same Side of Route 460)	13	EA	\$24,798.15	\$24,798.15	\$ 2,200.00	\$28,600.00	\$1,491.59	\$19,390.67	\$1,500.00	\$19,500.00	\$3,000.00	\$39,000.00	\$3,175.00	\$41,275.00	\$2,108,581.00	\$2,108,581.00
9	3/4" Water Service, Meter Sitter, and Meter Box (Opposite Side of Route 460)	6	EA	\$22,811.22	\$22,811.22	\$ 2,700.00	\$16,200.00	\$4,320.03	\$25,920.18	\$4,200.00	\$25,200.00	\$5,000.00	\$30,000.00	\$8,175.00	\$49,050.00	\$2,108,581.00	\$2,108,581.00
10	1" Water Service, Meter Sitter, and Meter Box (Opposite Side of Route 460)	1	EA	\$5,553.89	\$5,553.89	\$ 4,500.00	\$4,500.00	\$4,227.20	\$4,227.20	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$6,595.00	\$6,595.00	\$2,108,581.00	\$2,108,581.00
11	Asphalt Driveway Demo/Repair	1	EA	\$7,763.47	\$7,763.47	\$ 2,500.00	\$2,500.00	\$12,656.70	\$12,656.70	\$1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00	\$2,108,581.00	\$2,108,581.00
12	Gravel Driveway Demo/Repair	13	EA	\$11,747.97	\$11,747.97	\$ 1,500.00	\$19,500.00	\$3,317.42	\$43,126.46	\$1,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,400.00	\$14,000.00	\$2,108,581.00	\$2,108,581.00
13	Mobilization (shall not exceed 5% of Total Bid)	1	LS	\$41,050.00	\$41,050.00	\$ 65,000.00	\$65,000.00	\$59,871.12	\$59,871.12	\$70,000.00	\$70,000.00	\$70,000.00	\$70,000.00	\$99,855.00	\$99,855.00	\$2,108,581.00	\$2,108,581.00
				\$869,015.76	\$869,015.76	\$1,371,646.00	\$1,371,646.00	\$1,395,577.28	\$1,395,577.28	\$1,475,360.00	\$1,475,360.00	\$1,468,991.00	\$1,468,991.00	\$1,468,991.00	\$1,468,991.00	\$2,108,581.00	\$2,108,581.00

ALTERNATE BID ITEMS		Est Qty	Unit	Unit Cost		Extended Price		Unit Cost		Extended Price		Unit Cost		Extended Price	
1	ALTERNATE BID ITEM #1: Furnish and Install 12-inch DI Waterline in lieu of 12-inch PVC Waterline	4,059	LF	\$102.70	\$416,859.30	\$ 192.00	\$779,328.00	\$232.75	\$944,732.25	\$250.00	\$1,014,750.00	\$269.00	\$1,091,871.00	\$321.00	\$1,302,939.00
2	ALTERNATE BID ITEM #2: Directional Drill Complete with 14-inch HDPE Carrier Pipe in lieu of Horizontal Bore Complete with 24-inch Steel Casing and 12-inch DI Carrier pipe for the crossing of Route 460	76	LF	\$891.52	\$75,355.52	\$ 600.00	\$45,600.00	\$475.95	\$36,126.60	\$3,000.00	\$228,000.00	\$690.00	\$52,440.00	\$540.00	\$41,040.00