

REQUEST FOR BOARD ACTION

**CANE CREEK WATER AND SEWER DISTRICT
BOARD OF DIRECTORS**

MEETING DATE: November 6, 2017

SUBJECT: Award Construction Contract
Norafin Sewer Extension

PRESENTER: Marcus Jones, PE

ATTACHMENTS: Yes
1. Recommendation Letter from WGLA Engineering

SUMMARY OF REQUEST:

Construction Contract: As directed in the District's approved budget and the approved NC Rural Infrastructure grant, Norafin's sewer extension was bid on October 12, 2017. As recommended by WGLA Engineering on the attached letter, Steppe Construction is presented to the Board for award of the construction contract. The proposed contract is for \$170,761.

The recommended contract amount reflects additional linear footage of gravity line beyond the bid quantity. The bids were favorable and allow the line to be extended to a future phase of Norafin's plant and still stay under the approved grant budget for construction of \$177,700.

Per grant requirements the project was bid under formal construction statutes and therefore, the Engineer bid the project accordingly. Additionally, the project was advertised in the local newspaper and posted on the County website.

The proposed construction budget is as follows:

Construction Contract	\$170,761.25
Project Contingency	\$24,938.75

This project was approved in the FY2018 budget, and by the NC Rural Infrastructure grant for \$207,575. At the time this agenda item was published, we have not received formal grant approval for the additional footage; however, we expect approval by the Board's meeting.

BOARD ACTION REQUESTED:

The Board is requested to award the construction contract for the Norafin sewer extension to Steppe Construction for \$170,761.25, approve the proposed project budget and authorize the County Engineer to execute the required documents.

Suggested Motions:

I move that the Board of Directors award the construction contract for the Norafin sewer extension to Steppe Construction for \$170,761.25, approve the proposed project budget and authorize the County Engineer to execute the required documents.



WGLA Engineering, PLLC
214 N. King Street
Hendersonville, NC 28792
(828) 687-7177 wglA.com

October 24, 2017

Mr. Marcus Jones, P.E.
Henderson County
1 Historic Courthouse Square, Suite 6
Hendersonville, NC 28792

RE: Norafin Sewer Extension
Recommendation of Award
WGLA# 17145

Dear Mr. Jones:

Bids for the Norafin sewer extension we received by the County on Thursday, October 12, 2017 at the Henderson County offices at 100 North King Street. Bids ranged from a low of \$108,405.00 submitted by Steppe Construction to a high of \$165,815.00 submitted by Hyatt Pipeline. A copy of the bid tabulation is attached with this letter.

As you will recall, this project is being funded with a grant from the NC Rural Infrastructure Authority. The funds available for construction through the grant total \$177,700.00. We have discussed extending the proposed sewer line to provide service to the western portion of the property. I have attached a sketch showing the possible extension along with an estimate for the extension based on the low bidder's unit prices. The low bidder has agreed to extend the sewer using their unit prices. Therefore, the construction cost for the extension would be \$170,761.25. This includes the base bid extension to Norafin of \$108,405.00 and the further extension on the property of \$65,356.25.


We would recommend the following project budget going forward with construction:

Construction Contract	\$170,761.25
Project Contingency	\$ 24,938.75

This construction budget corresponds with the budget presented to the NC Rural Infrastructure Authority.

If you have any questions or need additional information, don't hesitate to contact our office.

Sincerely,
WGLA Engineering, PLLC



William R. Buie, P.E.

CC: Ms. Brittany Brady, Henderson County Partnership for Economic Development

C I V I L E N G I N E E R S & L A N D P L A N N E R S

Norafin Sewer Extension
Bid Tabulation

No.	DESCRIPTION	UNIT	QTY	Steppe Construction		Dillard Excavating		Hyatt Pipeline, LLC	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
Sanitary Sewer Improvements									
1	Connect to Existing Manhole	LS	1	\$3,000.00	\$3,000.00	\$10,458.00	\$10,458.00	\$13,370.00	\$13,370.00
2	16" Steel Encasement Bored and Jacked Under Roadway	LF	55	\$255.00	\$14,025.00	\$400.00	\$22,000.00	\$225.00	\$12,375.00
3	8" PVC (SDR 35) Sanitary Sewer	LF	640	\$54.25	\$34,720.00	\$90.00	\$57,600.00	\$117.00	\$74,880.00
4	8" DIP (CL 350) Sanitary Sewer	LF	88	\$70.00	\$6,160.00	\$102.00	\$8,976.00	\$130.00	\$11,440.00
5	4' Diameter Precast Manhole	EA	5	\$2,800.00	\$14,000.00	\$3,100.00	\$15,500.00	\$3,500.00	\$17,500.00
6	Washed Stone for Bedding	TN	600	\$21.75	\$13,050.00	\$33.00	\$19,800.00	\$25.00	\$15,000.00
7	Sewer Services	EA	2	\$1,000.00	\$2,000.00	\$982.00	\$1,964.00	\$1,500.00	\$3,000.00
8	Open Cut and Patch Existing Pavement	SY	150	\$45.00	\$6,750.00	\$48.00	\$7,200.00	\$35.00	\$5,250.00
9	Silt Fencing	LF	650	\$2.00	\$1,300.00	\$3.60	\$2,340.00	\$4.00	\$2,600.00
10	Erosion Control Matting	SY	200	\$8.00	\$1,600.00	\$1.90	\$380.00	\$4.00	\$800.00
	Incidental Stone	TN	200	\$19.00	\$3,800.00	\$27.00	\$5,400.00	\$25.00	\$5,000.00
	Final Seeding and Grassing	LS	1	\$1,000.00	\$1,000.00	\$2,990.00	\$2,990.00	\$2,000.00	\$2,000.00
	Relocating and Replacing Landscaping	LS	1	\$7,000.00	\$7,000.00	\$9,927.00	\$9,927.00	\$2,600.00	\$2,600.00
				TOTAL BID	\$108,405.00	TOTAL BID	\$164,535.00	TOTAL BID	\$165,815.00

Unit Price Items

<u>Item</u>	<u>Unit</u>	<u>Est. Quan.</u>	<u>Unit Price</u>	<u>Unit Price</u>	<u>Unit Price</u>
Trench Rock Blasting and Disposal	CY	X	\$125.00	\$150.00	\$250.00
Undercut Unsuitable Materials	CY	X	\$15.00	\$30.00	\$60.00
Haul Off Unsuitable Materials or Topsoil	CY	X	\$20.00	\$30.00	\$40.00
P300 Erosion Control Matting	SY	X	\$14.00	\$8.00	\$10.00
C125 Erosion Control Matting	SY	X	\$12.00	\$6.00	\$7.00



PRELIMINARY

OCT 18 2017

NOT FOR CONSTRUCTION

WGLA
 WGLA Engineering, PLLC
 214 N. King Street
 Hendersonville, NC 28792
 (828) 887-7177

1" = 60'