

March 24, 2011

Mr. Brad Cornwell
Public Utilities Director
City of Shelby
824 W. Grover Street
Shelby NC 28150

Re: Chestnut Neighborhood Sanitary Sewer Infrastructure Project

Dear Mr. Cornwell:

The bid tabulation for the referenced project is attached. Steppe Construction, Inc., is the low bidder, despite an error on the bid form.

On item 6c, Steppe multiplied 8 times 50 and entered 4,000. Their corrected bid is lower as a result. The original total on the bid form was \$838,855.50. The corrected total is \$835,075.50. Myron Steppe informed me that they would accept the correction to their bid.

There were errors on some of the other bids, but none of the errors impacted the outcome of the bid. I have reviewed information on Steppe Construction, including references. In my opinion, Steppe Construction is a responsive and responsible bidder, and is capable of the doing the work.

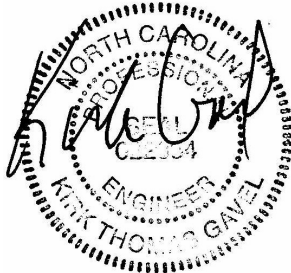
I recommend award to Steppe Construction Inc. in the amount of the Total Bid of \$837,075.50.

If you have any questions, please call me at 704-483-2054.

GAVEL & DORN ENGINEERING, PLLC



Kirk Gavel P.E.



City of Shelby
 Chestnut Neighborhood Sanitary Sewer Infrastructure Project
 Contract 2011-1
 Bid Tabulation
 Mar-11

ITEM	ITEM DESCRIPTION	UNITS	QTY.	Kennedy Concrete & Utilities Inc.		Terry Brothers Const. Co. Inc.		RH Price, Inc.		Dellinger, Inc.		Steppe Construction, Inc.		Hickory Sand Company, Inc.	
				UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
1	Mobilization (not to exceed 1.5% of base bid).	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,500.00	\$ 12,500.00	\$ 7,500.00	\$ 7,500.00	\$ 13,000.00	\$ 13,000.00
CLEAN AND CTV															
2	For cleaning and televising existing sewers and services for various pipe diameters prior to rehabilitation														
2a	6-inch diameter sewer	LF	3,665	\$ 3.28	\$ 12,021.20	\$ 2.00	\$ 7,330.00	\$ 2.50	\$ 9,162.50	\$ 2.20	\$ 8,063.00	\$ 2.30	\$ 8,429.50	\$ 3.50	\$ 12,827.50
2b	8-inch diameter sewer	LF	5,170	\$ 3.28	\$ 16,957.60	\$ 2.00	\$ 10,340.00	\$ 2.50	\$ 12,925.00	\$ 2.20	\$ 11,374.00	\$ 2.30	\$ 11,891.00	\$ 3.50	\$ 18,095.00
2c	Heavy root removal with robotic cutter, any size pipe	LF	10	\$ 2.00	\$ 20.00	\$ 1.00	\$ 10.00	\$ 2.00	\$ 20.00	\$ 2.00	\$ 20.00	\$ 100.00	\$ 1,000.00	\$ 100.00	\$ 1,000.00
CIPP LINING															
3	For installing cured-in-place pipe (CIPP) lining, as specified, any required installed liner thickness, location as listed, complete in place														
3a	6-inch diameter	LF	3,665	\$ 28.00	\$ 102,620.00	\$ 33.00	\$ 120,945.00	\$ 26.00	\$ 95,290.00	\$ 26.00	\$ 95,290.00	\$ 24.00	\$ 87,960.00	\$ 35.00	\$ 128,275.00
3b	8-inch diameter	LF	5,170	\$ 37.25	\$ 192,582.50	\$ 34.00	\$ 175,780.00	\$ 37.00	\$ 191,290.00	\$ 36.00	\$ 186,120.00	\$ 33.25	\$ 171,902.50	\$ 35.00	\$ 180,950.00
4	For removing protruding service connections via an internal robotic cutter prior to installing cured-in-place pipe (CIPP) lining, any service lateral material, any size lateral, as specified, complete in place	EA	16	\$ 185.00	\$ 2,960.00	\$ 260.00	\$ 4,160.00	\$ 200.00	\$ 3,200.00	\$ 185.00	\$ 2,960.00	\$ 200.00	\$ 3,200.00	\$ 200.00	\$ 3,200.00
5	For reconnecting existing active service laterals to new cured-in-place pipe (CIPP) lining via an internal remote cutter, as specified, complete in place	EA	147	\$ 170.00	\$ 24,990.00	\$ 110.00	\$ 16,170.00	\$ 175.00	\$ 25,725.00	\$ 170.00	\$ 24,990.00	\$ 190.00	\$ 27,930.00	\$ 160.00	\$ 23,520.00
POINT REPAIRS TO SEWERS															
6	For performing point repairs, 0'-12' long, 6" diameter sewer, various depths and locations of sewers, including excavation, backfill, and complete restoration, as specified, complete in place														
6a	For 6" diameter sewers in unpaved areas (any depth)	EA	1	\$ 2,400.00	\$ 2,400.00	\$ 3,500.00	\$ 3,500.00	\$ 1,200.00	\$ 1,200.00	\$ 220.00	\$ 220.00	\$ 4,200.00	\$ 4,200.00	\$ 3,680.00	\$ 3,680.00
6b	For 6" diameter sewers in paved areas (any depth)	EA	4	\$ 3,400.00	\$ 13,600.00	\$ 4,000.00	\$ 16,000.00	\$ 3,200.00	\$ 12,800.00	\$ 2,300.00	\$ 9,200.00	\$ 4,400.00	\$ 17,600.00	\$ 4,950.00	\$ 19,800.00
6c	Additional cost for 6" diameter sewer point repairs over 12 length in paved areas (any depth), add to 6a or 6b above	LF	8	\$ 50.00	\$ 400.00	\$ 200.00	\$ 1,600.00	\$ 90.00	\$ 720.00	\$ 400.00	\$ 3,200.00	\$ 50.00	\$ 400.00	\$ 345.00	\$ 2,760.00
6d	Additional cost for 6" DIP in lieu of PVC, add to 6a or 6b above	LF	8	\$ 40.00	\$ 320.00	\$ 230.00	\$ 1,840.00	\$ 24.00	\$ 192.00	\$ 23.00	\$ 184.00	\$ 60.00	\$ 480.00	\$ 15.00	\$ 120.00
7	For performing point repairs, 0'-12' long, 8" diameter sewer, various depths and locations of sewers, including excavation, backfill, and complete restoration, as specified, complete in place														
7a	For 8" diameter sewers in unpaved areas (any depth)	EA	1	\$ 2,400.00	\$ 2,400.00	\$ 3,750.00	\$ 3,750.00	\$ 1,200.00	\$ 1,200.00	\$ 2,200.00	\$ 2,200.00	\$ 4,300.00	\$ 4,300.00	\$ 3,790.00	\$ 3,790.00
7b	For 8" diameter sewers in paved areas (any depth)	EA	2	\$ 3,900.00	\$ 7,800.00	\$ 4,750.00	\$ 9,500.00	\$ 3,400.00	\$ 6,800.00	\$ 2,350.00	\$ 4,700.00	\$ 4,800.00	\$ 9,600.00	\$ 5,280.00	\$ 10,560.00
7c	Additional cost for 8" diameter sewer point repairs over 12 length in paved areas (any depth), add to 7a or 7b above	LF	8	\$ 60.00	\$ 480.00	\$ 210.00	\$ 1,680.00	\$ 90.00	\$ 720.00	\$ 395.00	\$ 3,160.00	\$ 50.00	\$ 400.00	\$ 375.00	\$ 3,000.00
7d	Additional cost for 8" DIP in lieu of PVC, add to 7a or 7b above	LF	8	\$ 65.00	\$ 520.00	\$ 230.00	\$ 1,840.00	\$ 30.00	\$ 240.00	\$ 28.00	\$ 224.00	\$ 45.00	\$ 360.00	\$ 20.00	\$ 160.00
MANHOLE REHABILITATION															
8	For installing 1" thick cementitious mortar on existing manhole walls & benches, as specified, any location, complete in place, in existing (up to) 4-ft diameter manholes	VF	247	\$ 120.00	\$ 29,640.00	\$ 117.00	\$ 28,899.00	\$ 130.00	\$ 32,110.00	\$ 125.00	\$ 30,875.00	\$ 120.00	\$ 29,640.00	\$ 117.50	\$ 29,022.50
9	For rebuilding existing manhole benching and invert channel, as specified, any location, complete in place	EA	31	\$ 350.00	\$ 10,850.00	\$ 400.00	\$ 12,400.00	\$ 400.00	\$ 12,400.00	\$ 350.00	\$ 10,850.00	\$ 250.00	\$ 7,750.00	\$ 245.00	\$ 7,595.00
10	Seal pipe connection to manhole with chemical grout	EA	20	\$ 132.00	\$ 2,640.00	\$ 200.00	\$ 4,000.00	\$ 150.00	\$ 3,000.00	\$ 150.00	\$ 3,000.00	\$ 350.00	\$ 7,000.00	\$ 365.00	\$ 7,300.00
11	For replacing existing frames and covers with a new solid frame and cover, including surface restoration, as specified, complete in place														
11a	Paved Areas	EA	1	\$ 950.00	\$ 950.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 525.00	\$ 525.00	\$ 600.00	\$ 600.00	\$ 1,600.00	\$ 1,600.00

ITEM	ITEM DESCRIPTION	UNITS	QTY.	Kennedy Concrete & Utilities Inc.		Terry Brothers Const. Co. Inc.		RH Price, Inc.		Dellinger, Inc.		Steppe Construction, Inc.		Hickory Sand Company, Inc.	
				UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
11b	Unpaved Areas	EA	1	\$ 750.00	\$ 750.00	\$ 600.00	\$ 600.00	\$ 400.00	\$ 400.00	\$ 750.00	\$ 750.00	\$ 450.00	\$ 450.00	\$ 550.00	\$ 550.00
12	For replacing existing manhole cover with new solid cover, as specified, complete in place	EA	6	\$ 400.00	\$ 2,400.00	\$ 400.00	\$ 2,400.00	\$ 200.00	\$ 1,200.00	\$ 180.00	\$ 1,080.00	\$ 500.00	\$ 3,000.00	\$ 200.00	\$ 1,200.00
13	For abandoning pipe connection at existing manhole by grouting, as specified, complete in place	CY	5	\$ 100.00	\$ 500.00	\$ 550.00	\$ 2,750.00	\$ 200.00	\$ 1,000.00	\$ 170.00	\$ 850.00	\$ 350.00	\$ 1,750.00	\$ 295.00	\$ 1,475.00
NEW SANITARY SEWER CONSTRUCTION															
14	For installation of new 8-inch diameter PVC sanitary sewer as specified, complete in place														
14a	0 to 6 foot depth	LF	960	\$ 44.00	\$ 42,240.00	\$ 35.00	\$ 33,600.00	\$ 65.00	\$ 62,400.00	\$ 23.00	\$ 22,080.00	\$ 55.00	\$ 52,800.00	\$ 51.50	\$ 49,440.00
14b	6 to 8 foot depth	LF	50	\$ 44.00	\$ 2,200.00	\$ 40.00	\$ 2,000.00	\$ 66.00	\$ 3,300.00	\$ 30.00	\$ 1,500.00	\$ 57.00	\$ 2,850.00	\$ 54.00	\$ 2,700.00
14c	8 to 10 foot depth	LF	20	\$ 44.00	\$ 880.00	\$ 50.00	\$ 1,000.00	\$ 69.00	\$ 1,380.00	\$ 45.00	\$ 900.00	\$ 58.00	\$ 1,160.00	\$ 59.00	\$ 1,180.00
14d	10 to 12 foot depth	LF	20	\$ 44.00	\$ 880.00	\$ 60.00	\$ 1,200.00	\$ 74.00	\$ 1,480.00	\$ 105.00	\$ 2,100.00	\$ 60.00	\$ 1,200.00	\$ 65.00	\$ 1,300.00
14e	Additional cost for 8" DIP in lieu of PVC, any depth, add to 14a, b, c, or d, above	EA	80	\$ 38.00	\$ 3,040.00	\$ 35.00	\$ 2,800.00	\$ 30.00	\$ 2,400.00	\$ 28.00	\$ 2,240.00	\$ 30.00	\$ 2,400.00	\$ 20.00	\$ 1,600.00
14f	Additional cost for removal and disposal of existing sanitary sewer piping of any size, concrete or masonry manholes, and related debris, located within the same trench as 8-inch sewer, any depth, add to 14a, b, c, or d, above	LF	600	\$ 3.00	\$ 1,800.00	\$ 20.00	\$ 12,000.00	\$ 5.00	\$ 3,000.00	\$ 12.00	\$ 7,200.00	\$ 4.00	\$ 2,400.00	\$ 15.00	\$ 9,000.00
15	For installation of new 20-inch diameter DIP sanitary sewer as specified, complete in place														
15a	0 to 6 foot depth	LF	94	\$ 158.00	\$ 14,852.00	\$ 101.00	\$ 9,494.00	\$ 147.00	\$ 13,818.00	\$ 183.00	\$ 17,202.00	\$ 103.00	\$ 9,682.00	\$ 165.00	\$ 15,510.00
15b	6 to 8 foot depth	LF	405	\$ 158.00	\$ 63,990.00	\$ 106.00	\$ 42,930.00	\$ 148.00	\$ 59,940.00	\$ 187.00	\$ 75,735.00	\$ 104.00	\$ 42,120.00	\$ 168.50	\$ 68,242.50
15c	8 to 10 foot depth	LF	240	\$ 158.00	\$ 37,920.00	\$ 111.00	\$ 26,640.00	\$ 151.00	\$ 36,240.00	\$ 189.00	\$ 45,360.00	\$ 107.00	\$ 25,680.00	\$ 175.00	\$ 42,000.00
15d	10 to 12 foot depth	LF	170	\$ 158.00	\$ 26,860.00	\$ 121.00	\$ 20,570.00	\$ 156.00	\$ 26,520.00	\$ 196.00	\$ 33,320.00	\$ 115.00	\$ 19,550.00	\$ 182.50	\$ 31,025.00
15e	12 to 14 foot depth	LF	165	\$ 158.00	\$ 26,070.00	\$ 131.00	\$ 21,615.00	\$ 162.00	\$ 26,730.00	\$ 250.00	\$ 41,250.00	\$ 120.00	\$ 19,800.00	\$ 190.00	\$ 31,350.00
15f	14 to 16 foot depth	LF	70	\$ 158.00	\$ 11,060.00	\$ 151.00	\$ 10,570.00	\$ 172.00	\$ 12,040.00	\$ 285.00	\$ 19,950.00	\$ 125.00	\$ 8,750.00	\$ 200.00	\$ 14,000.00
16	For installing new 4-foot diameter precast concrete manhole with new frame and cover, as specified, complete in place														
16a	Manholes up to 6 feet deep in unpaved areas	EA	8	\$ 1,850.00	\$ 14,800.00	\$ 1,520.00	\$ 12,160.00	\$ 1,500.00	\$ 12,000.00	\$ 1,400.00	\$ 11,200.00	\$ 2,900.00	\$ 23,200.00	\$ 1,485.00	\$ 11,880.00
16b	Manholes up to 6 feet deep in paved areas	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 1,780.00	\$ 3,560.00	\$ 1,800.00	\$ 3,600.00	\$ 1,500.00	\$ 3,000.00	\$ 3,500.00	\$ 7,000.00	\$ 1,725.00	\$ 3,450.00
16c	For each vertical foot over 6 feet, add to item 16a or 16b	VF	4	\$ 75.00	\$ 300.00	\$ 200.00	\$ 800.00	\$ 150.00	\$ 600.00	\$ 145.00	\$ 580.00	\$ 125.00	\$ 500.00	\$ 155.00	\$ 620.00
16d	Additional cost for water proof frames and covers, as specified, add to above (16a or 16b)	EA	2	\$ 450.00	\$ 900.00	\$ 150.00	\$ 300.00	\$ 80.00	\$ 160.00	\$ 250.00	\$ 500.00	\$ 150.00	\$ 300.00	\$ 100.00	\$ 200.00
16e	Outside drop connections at manholes, for 8-inch diameter pipe, as specified, complete in place, add to above (16a or 16b)	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 4,120.00	\$ 4,120.00	\$ 2,200.00	\$ 2,200.00	\$ 2,100.00	\$ 2,100.00	\$ 4,000.00	\$ 4,000.00	\$ 1,650.00	\$ 1,650.00
17	For installing new 5-foot diameter precast concrete manhole with new frame and cover, as specified, complete in place														
17a	Manholes up to 6 feet deep in unpaved areas	EA	9	\$ 2,700.00	\$ 24,300.00	\$ 2,690.00	\$ 24,210.00	\$ 2,100.00	\$ 18,900.00	\$ 1,800.00	\$ 16,200.00	\$ 3,000.00	\$ 27,000.00	\$ 1,985.00	\$ 17,865.00
17b	For each vertical foot over 6 feet, add to item 17a	VF	27	\$ 120.00	\$ 3,240.00	\$ 350.00	\$ 9,450.00	\$ 180.00	\$ 4,860.00	\$ 275.00	\$ 7,425.00	\$ 225.00	\$ 6,075.00	\$ 595.00	\$ 16,065.00
17c	Additional cost for water proof frames and covers, as specified, add to above (17a)	EA	9	\$ 450.00	\$ 4,050.00	\$ 150.00	\$ 1,350.00	\$ 80.00	\$ 720.00	\$ 250.00	\$ 2,250.00	\$ 200.00	\$ 1,800.00	\$ 100.00	\$ 900.00
17d	Outside drop connections at manholes, for 8-inch diameter pipe, as specified, complete in place, add to above (17a)	EA	1	\$ 2,800.00	\$ 2,800.00	\$ 4,120.00	\$ 4,120.00	\$ 2,200.00	\$ 2,200.00	\$ 2,400.00	\$ 2,400.00	\$ 7,000.00	\$ 7,000.00	\$ 1,650.00	\$ 1,650.00
17e	Outside drop connections at manholes for 6-inch diameter pipe, as specified, complete in place, add to 17a	EA	1	\$ 2,800.00	\$ 2,800.00	\$ 3,600.00	\$ 3,600.00	\$ 2,100.00	\$ 2,100.00	\$ 2,000.00	\$ 2,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,500.00	\$ 1,500.00
18	For steel manhole vents, as specified, complete in place	EA	2	\$ 500.00	\$ 1,000.00	\$ 1,450.00	\$ 2,900.00	\$ 1,000.00	\$ 2,000.00	\$ 1,200.00	\$ 2,400.00	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00
19	For bore and jack installation of 20-inch DIP Sanitary sewer within 36-inch diameter steel casing pipe, as specified, complete in place	LF	100	\$ 990.00	\$ 99,000.00	\$ 715.00	\$ 71,500.00	\$ 600.00	\$ 60,000.00	\$ 710.00	\$ 71,000.00	\$ 775.00	\$ 77,500.00	\$ 435.00	\$ 43,500.00
20	For grouting any voids related to bore for 20-inch pipe as specified, complete in place	CY	10	\$ 100.00	\$ 1,000.00	\$ 350.00	\$ 3,500.00	\$ 100.00	\$ 1,000.00	\$ 255.00	\$ 2,550.00	\$ 150.00	\$ 1,500.00	\$ 240.00	\$ 2,400.00
21	For stream crossing with concrete encasement of pipe, as specified, complete in place	Ea	1	\$ 9,000.00	\$ 9,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 3,200.00	\$ 3,200.00	\$ 4,000.00	\$ 4,000.00	\$ 2,200.00	\$ 2,200.00
Miscellaneous Construction Items															

ITEM	ITEM DESCRIPTION	UNITS	QTY.	Kennedy Concrete & Utilities Inc.		Terry Brothers Const. Co. Inc.		RH Price, Inc.		Dellinger, Inc.		Steppe Construction, Inc.		Hickory Sand Company, Inc.	
				UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
22	For service lateral replacement or reconnection to new or lined sewer via excavation, 0'-6' long, 4" diameter service laterals, various depths and locations of sewers, including excavation, backfill and complete restoration, as specified, complete in place														
22a	For 4" diameter service laterals in paved areas (any depth) including pavement restoration	EA	3	\$ 2,900.00	\$ 8,700.00	\$ 2,500.00	\$ 7,500.00	\$ 3,200.00	\$ 9,600.00	\$ 1,100.00	\$ 3,300.00	\$ 3,000.00	\$ 9,000.00	\$ 2,175.00	\$ 6,525.00
22b	Additional cost for 4" diameter service lateral replacement over 6' length in paved areas (any depth), including pavement restoration, add to above 22a	LF	10	\$ 35.00	\$ 350.00	\$ 210.00	\$ 2,100.00	\$ 90.00	\$ 900.00	\$ 120.00	\$ 1,200.00	\$ 50.00	\$ 500.00	\$ 242.50	\$ 2,425.00
22c	For 4" diameter service laterals in un-paved areas (any depth) including pavement restoration	EA	10	\$ 2,700.00	\$ 27,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,100.00	\$ 11,000.00	\$ 700.00	\$ 7,000.00	\$ 45.00	\$ 450.00	\$ 1,088.00	\$ 10,880.00
22d	Additional cost for 4" diameter service lateral replacement over 6' length in un-paved areas (any depth), add to above 22c	LF	10	\$ 30.00	\$ 300.00	\$ 110.00	\$ 1,100.00	\$ 30.00	\$ 300.00	\$ 125.00	\$ 1,250.00	\$ 35.00	\$ 350.00	\$ 88.00	\$ 880.00
22e	Additional cost for connection of service lateral to manhole (add to 22a or 22c above)	EA	2	\$ 450.00	\$ 900.00	\$ 650.00	\$ 1,300.00	\$ 100.00	\$ 200.00	\$ 150.00	\$ 300.00	\$ 1,000.00	\$ 2,000.00	\$ 455.00	\$ 910.00
23	Asphalt pavement repair, Type I-2 Surface Course, for repair of open excavations in paved areas, complete in place	TN	20	\$ 375.00	\$ 7,500.00	\$ 300.00	\$ 6,000.00	\$ 100.00	\$ 2,000.00	\$ 140.00	\$ 2,800.00	\$ 200.00	\$ 4,000.00	\$ 240.00	\$ 4,800.00
24	Asphalt pavement repair, Type HB Intermediate Course, for repair of open excavations in paved areas, complete in place	TN	20	\$ 200.00	\$ 4,000.00	\$ 275.00	\$ 5,500.00	\$ 100.00	\$ 2,000.00	\$ 140.00	\$ 2,800.00	\$ 200.00	\$ 4,000.00	\$ 250.00	\$ 5,000.00
25	Replace concrete curb and gutter, up to 30" width, complete in place	LF	10	\$ 55.00	\$ 550.00	\$ 200.00	\$ 2,000.00	\$ 30.00	\$ 300.00	\$ 31.00	\$ 310.00	\$ 75.00	\$ 750.00	\$ 45.00	\$ 450.00
26	Saw cut, remove and replace asphalt or concrete sidewalk, 4" minimum thickness, any width, complete in place	SY	50	\$ 85.00	\$ 4,250.00	\$ 125.00	\$ 6,250.00	\$ 40.00	\$ 2,000.00	\$ 45.00	\$ 2,250.00	\$ 65.00	\$ 3,250.00	\$ 42.50	\$ 2,125.00
27	Saw cut, remove and replace asphalt or concrete driveway, 4" minimum thickness, any width, complete in place	SY	10	\$ 180.00	\$ 1,800.00	\$ 150.00	\$ 1,500.00	\$ 60.00	\$ 600.00	\$ 45.00	\$ 450.00	\$ 70.00	\$ 700.00	\$ 65.00	\$ 650.00
28	Class B rip rap for channel bank stabilization, complete in place, including filter fabric	TN	20	\$ 50.00	\$ 1,000.00	\$ 50.00	\$ 1,000.00	\$ 40.00	\$ 800.00	\$ 55.00	\$ 1,100.00	\$ 35.00	\$ 700.00	\$ 145.00	\$ 2,900.00
29	Rock Excavation	CY	20	\$ 192.00	\$ 3,840.00	\$ 150.00	\$ 3,000.00	\$ 100.00	\$ 2,000.00	\$ 150.00	\$ 3,000.00	\$ 100.00	\$ 2,000.00	\$ 275.00	\$ 5,500.00
30	For backfill and compaction select backfill material as specified, any depth	CY	20	\$ 30.00	\$ 600.00	\$ 45.00	\$ 900.00	\$ 30.00	\$ 600.00	\$ 22.00	\$ 440.00	\$ 15.00	\$ 300.00	\$ 20.00	\$ 400.00
31	For backfill and compaction with NCDOT ABC stone, any depth	TN	20	\$ 30.00	\$ 600.00	\$ 50.00	\$ 1,000.00	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00	\$ 35.00	\$ 700.00
32	For foundation conditioning material, NCDOT No. 57 stone, as specified	TN	20	\$ 45.00	\$ 900.00	\$ 45.00	\$ 900.00	\$ 25.00	\$ 500.00	\$ 28.00	\$ 560.00	\$ 25.00	\$ 500.00	\$ 30.00	\$ 600.00
33	For abandonment of manholes, including disposal of debris, backfill as specified, complete in place	EA	3	\$ 300.00	\$ 900.00	\$ 600.00	\$ 1,800.00	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00	\$ 600.00	\$ 1,800.00	\$ 475.00	\$ 1,425.00
34	Subtotal (Sum of Items 1 through 33):			\$ 902,873.30		\$ 823,633.00		\$ 823,682.50		\$ 836,037.00		\$ 795,310.00		\$ 892,877.50	
35	Contingency (5 percent of Item 34):			\$ 45,143.67		\$ 41,181.65		\$ 41,184.13		\$ 41,801.85		\$ 39,765.50		\$ 44,643.88	
36	Total Bid (Sum of Items 34 and 35):			\$ 948,016.97		\$ 864,814.65		\$ 864,866.63		\$ 877,838.85		\$ 835,075.50		\$ 937,521.38	

Discrepancies in math on bid sheet