

<b>BID FORM CITY OF LAURINBURG WASTEWATER FACILITIES CONTRACT 14.0 - BRIDGE CREEK AND COLLEGE PARK SANITARY SEWER REHABILITATION</b>				Atlantic Coast Contractors, Inc. Denver, North Carolina License No. 10553		Bio-Nomic Services, Inc. Belmont, North Carolina License No. 73569	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
<b>1</b>	<b>Cleaning and televising existing sewers (CCTV), as specified, any required cleaning, any location, any length of sewer, complete in place, for various pipe diameters</b>						
1a	8-Inch	104,800	LF	\$3.40	\$356,320.00	\$4.13	\$432,824.00
1b	10-Inch	4,700	LF	4.00	18,800.00	4.88	22,936.00
1c	12-Inch	23,900	LF	5.00	119,500.00	6.00	143,400.00
1d	15-Inch	25,700	LF	6.25	160,625.00	7.50	192,750.00
1e	18-Inch	6,300	LF	15.00	94,500.00	18.00	113,400.00
1f	24-Inch	6,500	LF	30.00	195,000.00	37.50	243,750.00
1g	Add for cleaning and CCTV of existing sewers outside of road right-of-way, any diameter	18,000	LF	12.50	225,000.00	3.00	54,000.00
<b>2</b>	<b>Removing protruding service connections</b>	30	EA	576.00	17,280.00	562.50	16,875.00
<b>3</b>	<b>Dye testing</b>	10	EA	300.00	3,000.00	375.00	3,750.00
<b>4</b>	<b>Perform point repair to existing main sewer, as specified, up to 7 linear feet, including complete restoration of grassed areas</b>						
4a	8-Inch PVC (0'-8' Deep)	50	EA	6,720.00	336,000.00	9,072.00	453,600.00
4b	8-Inch PVC (8'-12' Deep)	10	EA	8,306.00	83,060.00	11,213.10	112,131.00
4c	8-Inch PVC (over 12' Deep)	4	EA	13,799.00	55,196.00	18,628.65	74,514.60
4d	10-Inch PVC (0'-8' Deep)	2	EA	6,960.00	13,920.00	9,396.00	18,792.00
4e	10-Inch PVC (8'-12' Deep)	2	EA	8,847.00	17,694.00	11,943.45	23,886.90
4f	10-Inch PVC (over 12' Deep)	1	EA	14,040.00	14,040.00	18,954.00	18,954.00
4g	12-Inch PVC (0'-8' Deep)	10	EA	7,320.00	73,200.00	9,882.00	98,820.00
4h	12-Inch PVC (8'-12' Deep)	4	EA	10,380.00	41,520.00	14,013.00	56,052.00
4i	12-Inch PVC (over 12' Deep)	2	EA	15,480.00	30,960.00	20,898.00	41,796.00
4j	15-Inch PVC (0'-8' Deep)	4	EA	8,488.00	33,952.00	11,458.80	45,835.20
4k	15-Inch PVC (8'-12' Deep)	6	EA	12,366.00	74,196.00	16,694.10	100,164.60
4l	15-Inch PVC (over 12' Deep)	4	EA	16,604.00	66,416.00	22,415.40	89,661.60
4m	18-Inch PVC (0'-8' Deep)	2	EA	9,667.00	19,334.00	13,050.45	26,100.90
4n	18-Inch PVC (8'-12' Deep)	1	EA	14,495.00	14,495.00	19,568.25	19,568.25
4o	18-Inch PVC (over 12' Deep)	1	EA	18,892.00	18,892.00	25,504.20	25,504.20
4p	24-Inch PVC (0'-8' Deep)	2	EA	13,555.00	27,110.00	18,299.25	36,598.50
4q	24-Inch PVC (8'-12' Deep)	2	EA	18,404.00	36,808.00	24,845.40	49,690.80
4r	24-Inch PVC (over 12' Deep)	1	EA	22,654.00	22,654.00	30,582.90	30,582.90
<b>5</b>	<b>Additional point repair footage over 7 linear feet , including complete restoration of grassed areas</b>						
5a	8-Inch PVC (0'-8' Deep)	80	LF	136.00	10,880.00	170.00	13,600.00
5b	8-Inch PVC (8'-12' Deep)	20	LF	175.00	3,500.00	218.75	4,375.00
5c	8-Inch PVC (over 12' Deep)	20	LF	240.00	4,800.00	300.00	6,000.00
5d	10-Inch PVC (0'-8' Deep)	20	LF	153.00	3,060.00	191.25	3,825.00
5e	10-Inch PVC (8'-12' Deep)	20	LF	192.00	3,840.00	240.00	4,800.00
5f	10-Inch PVC (over 12' Deep)	20	LF	253.00	5,060.00	316.25	6,325.00
5g	12-Inch PVC (0'-8' Deep)	80	LF	172.00	13,760.00	215.00	17,200.00
5h	12-Inch PVC (8'-12' Deep)	20	LF	220.00	4,400.00	275.00	5,500.00
5i	12-Inch PVC (over 12' Deep)	20	LF	258.00	5,160.00	322.50	6,450.00
5j	15-Inch PVC (0'-8' Deep)	20	LF	206.00	4,120.00	257.50	5,150.00
5k	15-Inch PVC (8'-12' Deep)	80	LF	250.00	20,000.00	312.50	25,000.00
5l	15-Inch PVC (over 12' Deep)	20	LF	279.00	5,580.00	348.75	6,975.00
5m	18-Inch PVC (0'-8' Deep)	80	LF	243.00	19,440.00	303.75	24,300.00
5n	18-Inch PVC (8'-12' Deep)	20	LF	295.00	5,900.00	368.75	7,375.00
5o	18-Inch PVC (over 12' Deep)	20	LF	314.00	6,280.00	392.50	7,850.00
5p	24-Inch PVC (0'-8' Deep)	20	LF	333.00	6,660.00	416.25	8,325.00
5q	24-Inch PVC (8'-12' Deep)	20	LF	330.00	6,600.00	412.50	8,250.00
5r	24-Inch PVC (over 12' Deep)	20	LF	390.00	7,800.00	487.50	9,750.00
<b>6</b>	<b>Concrete collar at manhole connection</b>	80	CY	300.00	24,000.00	375.00	30,000.00
<b>7</b>	<b>Install DIP tee on sewer main within point repair or manhole to manhole replacement and reconnect lateral to tee (up to 6 feet of lateral) (any depth)</b>						
7a	8-Inch Tee	30	EA	2,040.00	61,200.00	2,550.00	76,500.00
7b	10-Inch Tee	4	EA	2,409.00	9,636.00	3,011.25	12,045.00
7c	12-Inch Tee	6	EA	3,600.00	21,600.00	4,500.00	27,000.00
7d	16-Inch Tee	2	EA	5,708.00	11,416.00	7,135.00	14,270.00
7e	18-Inch Tee	2	EA	7,604.00	15,208.00	9,505.00	19,010.00
<b>8</b>	<b>Install new sanitary sewer in existing sewer alignment (manhole to manhole) including excavation, backfill with excavated materials, and complete restoration of grassed areas, as specified, complete in place</b>						
8a	8-Inch PVC (0'-8' Deep)	2,500	LF	123.00	307,500.00	153.75	384,375.00

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
8b	8-Inch PVC (8'-12' Deep)	800	LF	153.00	122,400.00	191.25	153,000.00
8c	8-Inch PVC (over 12' Deep)	200	LF	240.00	48,000.00	300.00	60,000.00
8d	10-Inch PVC (0'-8' Deep)	200	LF	144.00	28,800.00	180.00	36,000.00
8e	10-Inch PVC (8'-12' Deep)	200	LF	174.00	34,800.00	217.50	43,500.00
8f	10-Inch PVC (over 12' Deep)	200	LF	246.00	49,200.00	307.50	61,500.00
8g	12-Inch PVC (0'-8' Deep)	600	LF	166.00	99,600.00	207.50	124,500.00
8h	12-Inch PVC (8'-12' Deep)	600	LF	196.00	117,600.00	245.00	147,000.00
8i	12-Inch PVC (over 12' Deep)	200	LF	252.00	50,400.00	315.00	63,000.00
8j	15-Inch PVC (0'-8' Deep)	200	LF	211.00	42,200.00	263.75	52,750.00
8k	15-Inch PVC (8'-12' Deep)	600	LF	241.00	144,600.00	301.25	180,750.00
8l	15-Inch PVC (over 12' Deep)	100	LF	300.00	30,000.00	375.00	37,500.00
8m	18-Inch PVC (0'-8' Deep)	400	LF	258.00	103,200.00	322.50	129,000.00
8n	18-Inch PVC (8'-12' Deep)	200	LF	288.00	57,600.00	360.00	72,000.00
8o	18-Inch PVC (over 12' Deep)	80	LF	361.00	28,880.00	451.25	36,100.00
8p	24-Inch PVC (0'-8' Deep)	200	LF	360.00	72,000.00	450.00	90,000.00
8q	24-Inch PVC (8'-12' Deep)	150	LF	390.00	58,500.00	487.50	73,125.00
8r	24-Inch PVC (over 12' Deep)	150	LF	480.00	72,000.00	600.00	90,000.00
<b>9</b>	<b>Additional cost for DIP in lieu of PVC for Items 4, 5, and 8</b>						
9a	8-Inch DIP	1,000	LF	180.00	180,000.00	225.00	225,000.00
9b	10-Inch DIP	200	LF	210.00	42,000.00	262.50	52,500.00
9c	12-Inch DIP	400	LF	240.00	96,000.00	300.00	120,000.00
9d	16-Inch DIP	400	LF	300.00	120,000.00	375.00	150,000.00
9e	18-Inch DIP	300	LF	330.00	99,000.00	412.50	123,750.00
9f	24-Inch DIP	300	LF	360.00	108,000.00	450.00	135,000.00
<b>10</b>	<b>Pipeline Packer Injection Capital Grouting of Main Line Joints (MLJ)</b>						
10a	Testing of 8" Main Line Joints	2,400	EA	105.00	252,000.00	75.00	180,000.00
10b	Grouting of 8" Main Line Joints (includes Warranty Testing)	600	EA	174.00	104,400.00	125.00	75,000.00
10c	Verification Testing of 8" Main Line Joints	134	EA	77.00	10,318.00	55.00	7,370.00
10d	Testing of 10" Main Line Joints	100	EA	112.00	11,200.00	80.00	8,000.00
10e	Grouting of 10" Main Line Joints (includes Warranty Testing)	25	EA	181.00	4,525.00	130.00	3,250.00
10f	Verification Testing of 10" Main Line Joints	6	EA	77.00	462.00	55.00	330.00
10g	Testing of 12" Main Line Joints	400	EA	126.00	50,400.00	90.00	36,000.00
10h	Grouting of 12" Main Line Joints (includes Warranty Testing)	100	EA	195.00	19,500.00	140.00	14,000.00
10i	Verification Testing of 12" Main Line Joints	23	EA	77.00	1,771.00	55.00	1,265.00
10j	Testing of 15" Main Line Joints	400	EA	140.00	56,000.00	100.00	40,000.00
10k	Grouting of 15" Main Line Joints (includes Warranty Testing)	100	EA	209.00	20,900.00	150.00	15,000.00
10l	Verification Testing of 15" Main Line Joints	23	EA	77.00	1,771.00	55.00	1,265.00
10m	Testing of 18" Main Line Joints	120	EA	167.00	20,040.00	120.00	14,400.00
10n	Grouting of 18" Main Line Joints (includes Warranty Testing)	30	EA	244.00	7,320.00	175.00	5,250.00
10o	Verification Testing of 18" Main Line Joints	8	EA	77.00	616.00	55.00	440.00
10p	Testing of 24" Main Line Joints	120	EA	279.00	33,480.00	200.00	24,000.00
10q	Grouting of 24" Main Line Joints (includes Warranty Testing)	30	EA	431.00	12,930.00	310.00	9,300.00
10r	Verification Testing of 24" Main Line Joints	8	EA	105.00	840.00	75.00	600.00
10s	Grout	7,120	GAL	24.00	170,880.00	17.25	122,820.00
<b>11</b>	<b>Pipeline Packer Injection Capital Grouting of Laterals Connected to Main Lines (LTC) (Min. Sock Length of 8-feet)</b>						
11a	Testing of 4" Lateral Tap Connections (LTC)	50	EA	4,606.00	230,300.00	3,300.00	165,000.00
11b	Grouting of 4" Lateral Tap Connections (LTC) (includes Warranty Testing)	20	EA	6,839.00	136,780.00	4,900.00	98,000.00
11c	Verification Testing of 4" Lateral Tap Connections (LTC)	13	EA	2,093.00	27,209.00	1,500.00	19,500.00
11d	Testing of 6" Lateral Tap Connections (LTC)	50	EA	4,745.00	237,250.00	3,400.00	170,000.00
11e	Grouting of 6" Lateral Tap Connections (LTC) (includes Warranty Testing)	20	EA	6,978.00	139,560.00	5,000.00	100,000.00
11f	Verification Testing of 6" Lateral Tap Connections (LTC)	13	EA	2,093.00	27,209.00	1,500.00	19,500.00
11g	Grout	361	GAL	2,404.00	867,844.00	17.25	6,227.25
<b>12</b>	<b>Pipeline Packer Injection Capital Grouting of Annular Space Tap (AST) at Laterals Connected to Main Lines (Min. Sock Length of 8-feet)</b>						
12a	Grouting of 4" Annular Space Tap (AST) for 8" Main Line	63	EA	3,768.00	237,384.00	2,700.00	170,100.00
12b	Grouting of 4" Annular Space Tap (AST) for 10" Main Line	3	EA	3,908.00	11,724.00	2,800.00	8,400.00
12c	Grouting of 4" Annular Space Tap (AST) for 12" Main Line	11	EA	4,047.00	44,517.00	2,900.00	31,900.00
12d	Grouting of 6" Annular Space Tap (AST) for 8" Main Line	63	EA	3,838.00	241,794.00	2,750.00	173,250.00
12e	Grouting of 6" Annular Space Tap (AST) for 10" Main Line	3	EA	3,978.00	11,934.00	2,850.00	8,550.00
12f	Grouting of 6" Annular Space Tap (AST) for 12" Main Line	11	EA	3,952.00	43,472.00	2,950.00	32,450.00
12g	Grout	564	GAL	2,404.00	1,355,856.00	17.25	9,729.00
<b>13</b>	<b>Cured-in-place pipe lining (CIPP), any required liner thickness, as specified, complete in place.</b>						
13a	8-Inch	9,000	LF	72.00	648,000.00	59.00	531,000.00
13b	10-Inch	400	LF	99.00	39,600.00	82.00	32,800.00
13c	12-Inch	1,400	LF	103.00	144,200.00	85.00	119,000.00
13d	15-Inch	1,200	LF	116.00	139,200.00	96.00	115,200.00

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13e	18-Inch	1,000	LF	150.00	150,000.00	124.00	124,000.00
13f	24-Inch	1,000	LF	193.00	193,000.00	159.00	159,000.00
13g	Add for cured-in-place lining (CIPP) outside of road right-of-way, any diameter	2,000	LF	13.00	26,000.00	7.00	14,000.00
14	Reconnecting existing active service laterals and drop connections to new cured-in-place pipe lining (CIPP) via an internal robotic cutter, as specified, complete in place.	300	EA	162.00	48,600.00	200.00	60,000.00
15	CIPP Service Lateral Connection Seal (6" or 4" up to 2-feet in length)	40	EA	5,160.00	206,400.00	4,700.00	188,000.00
16	CIPP Spot Repairs (patches)						
16a	8-Inch CIPP Spot repair (up to 4' long)	10	EA	4,080.00	40,800.00	3,100.00	31,000.00
16b	10-Inch CIPP Spot repair (up to 4' long)	5	EA	4,200.00	21,000.00	3,450.00	17,250.00
16c	12-Inch CIPP Spot repair (up to 4' long)	8	EA	4,320.00	34,560.00	3,650.00	29,200.00
16d	15-Inch CIPP Spot repair (up to 4' long)	8	EA	4,440.00	35,520.00	4,000.00	32,000.00
16e	18-Inch CIPP Spot repair (up to 4' long)	2	EA	4,800.00	9,600.00	4,200.00	8,400.00
16f	24-Inch CIPP Spot repair (up to 4' long)	2	EA	5,840.00	11,680.00	5,000.00	10,000.00
17	Performing CIPP product tests, as specified.	4	EA	600.00	2,400.00	400.00	1,600.00
18	Pipe-bursting of existing sewers with new HDPE sewer, various existing pipe materials, various depths						
18a	8-Inch	3,000	LF	96.00	288,000.00	134.40	403,200.00
18b	10-Inch	300	LF	120.00	36,000.00	168.00	50,400.00
18c	12-Inch	1,000	LF	180.00	180,000.00	252.00	252,000.00
18d	15-Inch	1,000	LF	240.00	240,000.00	336.00	336,000.00
18e	18-Inch	300	LF	360.00	108,000.00	504.00	151,200.00
18f	4" Lateral Connection to Pipe Burst Line (0'-8' Deep)	80	EA	5,400.00	432,000.00	7,560.00	604,800.00
18g	4" Lateral Connection to Pipe Burst Line (8'-12' Deep)	50	EA	9,000.00	450,000.00	12,600.00	630,000.00
18h	4" Lateral Connection to Pipe Burst Line (over 12' Deep)	12	EA	21,600.00	259,200.00	30,240.00	362,880.00
18i	6" Lateral Connection to Pipe Burst Line (0'-8' Deep)	50	EA	6,600.00	330,000.00	9,240.00	462,000.00
18j	6" Lateral Connection to Pipe Burst Line (8'-12' Deep)	40	EA	11,400.00	456,000.00	15,960.00	638,400.00
18k	6" Lateral Connection to Pipe Burst Line (over 12' Deep)	10	EA	24,000.00	240,000.00	33,600.00	336,000.00
19	Remove and replace existing external drop connection (up to 5 feet in vertical drop) at new or existing manholes including 10 Feet (min.) of new DIP sewer at various overall manhole depths						
19a	8-Inch (0'-8' Deep)	10	EA	7,296.00	72,960.00	9,120.00	91,200.00
19b	8-Inch (8'-12' Deep)	5	EA	10,468.00	52,340.00	13,085.00	65,425.00
19c	8-Inch (over 12' Deep)	5	EA	12,868.00	64,340.00	16,085.00	80,425.00
19d	10-Inch (0'-8' Deep)	2	EA	10,204.00	20,408.00	12,755.00	25,510.00
19e	10-Inch (8'-12' Deep)	1	EA	14,420.00	14,420.00	18,025.00	18,025.00
19f	10-Inch (over 12' Deep)	1	EA	16,820.00	16,820.00	21,025.00	21,025.00
19g	12-Inch (0'-8' Deep)	6	EA	12,083.00	72,498.00	15,103.75	90,622.50
19h	12-Inch (8'-12' Deep)	2	EA	15,942.00	31,884.00	19,927.50	39,855.00
19i	12-Inch (over 12' Deep)	2	EA	18,155.00	36,310.00	22,693.75	45,387.50
19j	15-Inch (0'-8' Deep)	6	EA	19,473.00	116,838.00	24,341.25	146,047.50
19k	15-Inch (8'-12' Deep)	2	EA	23,755.00	47,510.00	29,693.75	59,387.50
19l	15-Inch (over 12' Deep)	2	EA	26,208.00	52,416.00	32,760.00	65,520.00
19m	18-Inch (0'-8' Deep)	4	EA	31,297.00	125,188.00	39,121.25	156,485.00
19n	18-Inch (8'-12' Deep)	2	EA	35,432.00	70,864.00	44,290.00	88,580.00
19o	18-Inch (over 12' Deep)	2	EA	37,885.00	75,770.00	47,356.25	94,712.50
19p	24-Inch (0'-8' Deep)	2	EA	50,161.00	100,322.00	62,701.25	125,402.50
19q	24-Inch (8'-12' Deep)	1	EA	56,326.00	56,326.00	70,407.50	70,407.50
19r	24-Inch (over 12' Deep)	1	EA	59,019.00	59,019.00	73,773.75	73,773.75
20	Additional vertical drop for external drops beyond 5 foot vertical drop for Item 19						
20a	8-Inch	20	VF	222.00	4,440.00	277.50	5,550.00
20b	10-Inch	10	VF	273.00	2,730.00	341.25	3,412.50
20c	12-Inch	20	VF	311.00	6,220.00	388.75	7,775.00
20d	15-Inch	20	VF	432.00	8,640.00	540.00	10,800.00
20e	18-Inch	10	VF	511.00	5,110.00	638.75	6,387.50
20f	24-Inch	10	VF	724.00	7,240.00	905.00	9,050.00
21	Remove and replace existing 4' diameter manholes, complete, in place, including frame and cover, for various manhole depths						
21a	0'-8' Deep	10	EA	9,679.00	96,790.00	12,098.75	120,987.50
21b	8'-12' Deep	6	EA	13,183.00	79,098.00	16,478.75	98,872.50
21c	Over 12' Deep	4	EA	18,699.00	74,796.00	23,373.75	93,495.00
21d	Additional cost for cast iron vent pipe, as specified, complete in place	2	EA	4,442.00	8,884.00	5,552.50	11,105.00
22	Remove and replace existing 5' diameter manholes, complete, in place, including frame and cover, for various manhole depths						
22a	0'-8' Deep	8	EA	11,307.00	90,456.00	14,133.75	113,070.00

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22b	8'-12' Deep	4	EA	15,694.00	62,776.00	19,617.50	78,470.00
22c	Over 12' Deep	2	EA	22,274.00	44,548.00	27,842.50	55,685.00
22d	Additional cost for cast iron vent pipe, as specified, complete in place	2	EA	4,442.00	8,884.00	5,552.50	11,105.00
<b>23</b>	<b>Existing manhole abandonment (any depth), paved or unpaved area</b>						
23a	4-foot Diameter Manhole	4	EA	4,889.00	19,556.00	6,111.25	24,445.00
23b	5-foot Diameter Manhole	4	EA	5,969.00	23,876.00	7,461.25	29,845.00
<b>24</b>	<b>Raising existing manhole covers with bricks or concrete grade rings, height of adjustment as noted, as specified, including complete restoration of paved or unpaved areas</b>						
24a	0 to 1 vertical foot	20	EA	1,367.00	27,340.00	1,708.75	34,175.00
24b	Greater than 1 vertical foot (Add to 23a)	5	VF	573.00	2,865.00	716.25	3,581.25
<b>25</b>	<b>4' diameter manhole adjustments</b>						
25a	Adjust/raise manhole barrel 0'- 2'	16	EA	4,364.00	69,824.00	5,455.00	87,280.00
25b	Additional barrel adjustment	8	VF	669.00	5,352.00	836.25	6,690.00
25c	Adjust/lower manhole barrel 0'-2'	4	EA	4,417.00	17,668.00	5,521.25	22,085.00
25d	Replace cone section of manhole	25	EA	3,173.00	79,325.00	3,966.25	99,156.25
25e	Install new ring and cover	25	EA	1,489.00	37,225.00	1,861.25	46,531.25
25f	Additional cost for cast iron vent pipe, as specified, complete in place	2	EA	4,442.00	8,884.00	5,552.50	11,105.00
25g	Manhole invert reconstruction	10	EA	1,200.00	12,000.00	1,500.00	15,000.00
25h	Plug abandoned sewer openings	10	EA	180.00	1,800.00	225.00	2,250.00
<b>26</b>	<b>5' diameter manhole adjustments</b>						
26a	Adjust/raise manhole barrel 0'- 2'	8	EA	5,516.00	44,128.00	6,895.00	55,160.00
26b	Additional barrel adjustment	6	VF	906.00	5,436.00	1,132.50	6,795.00
26c	Adjust/lower manhole barrel 0'-2'	4	EA	5,137.00	20,548.00	6,421.25	25,685.00
26d	Replace cone section of manhole	20	EA	3,885.00	77,700.00	4,856.25	97,125.00
26e	Install new ring and cover	20	EA	1,489.00	29,780.00	1,861.25	37,225.00
26f	Additional cost for cast iron vent pipe, as specified, complete in place	2	EA	4,442.00	8,884.00	5,552.50	11,105.00
26g	Manhole invert reconstruction	10	EA	1,320.00	13,200.00	1,650.00	16,500.00
26h	Plug abandoned sewer openings	10	EA	210.00	2,100.00	262.50	2,625.00
<b>27</b>	<b>Remove and reset existing frame and cover</b>	20	EA	1,080.00	21,600.00	1,350.00	27,000.00
<b>28</b>	<b>Remove and replace existing frame and cover with new water-tight frame and cover</b>	10	EA	2,179.00	21,790.00	2,723.75	27,237.50
<b>29</b>	<b>Remove and replace existing frame and cover with new standard frame and cover</b>	10	EA	2,094.00	20,940.00	2,617.50	26,175.00
<b>30</b>	<b>Install 1" thick cementitious (Condition A) mortar on existing manhole walls and benches, as specified, any location, complete in place</b>						
30a	4-foot Diameter Manhole	200	VF	421.00	84,200.00	405.00	81,000.00
30b	5-foot Diameter Manhole	50	VF	480.00	24,000.00	472.50	23,625.00
<b>31</b>	<b>Install epoxy (Condition B) lining on existing manhole walls and benches, as specified, any location, complete in place</b>						
31a	4-foot Diameter Manhole	200	VF	360.00	72,000.00	384.75	76,950.00
31b	5-foot Diameter Manhole	50	VF	420.00	21,000.00	405.00	20,250.00
<b>32</b>	<b>Furnish and Install Frame-Chimney Seal in Manhole</b>	30	EA	540.00	16,200.00	607.50	18,225.00
<b>33</b>	<b>Miscellaneous Manhole Rehabilitation</b>						
33a	Install corrosion resistant invert (epoxy coating)	10	EA	540.00	5,400.00	607.50	6,075.00
33b	Rebuild existing bench and invert	30	EA	900.00	27,000.00	675.00	20,250.00
33c	Seal pipe connections, per manhole	30	EA	3,908.00	117,240.00	607.50	18,225.00
<b>34</b>	<b>Traffic control with items below; all other traffic control to be considered incidental to the work with costs included in other Bid Items</b>						
34a	Arrow board	10	DAY	656.00	6,560.00	121.50	1,215.00
34b	Portable changeable messageboard	10	DAY	983.00	9,830.00	290.25	2,902.50
34c	Drums	150	EA	90.00	13,500.00	8.78	1,317.00
<b>35</b>	<b>Bypass pumping using 6-inch pumps and up to 600 feet of hose/pipe; all other bypass pumping to be considered incidental to the work with costs included in other Bid Items</b>	30	DAY	3,240.00	97,200.00	10,800.00	324,000.00
<b>36</b>	<b>Erosion control measures</b>						
36a	Silt fence	12,000	LF	3.00	36,000.00	4.05	48,600.00
36b	Temporary inlet protection	50	EA	180.00	9,000.00	243.00	12,150.00
36c	Wattle	300	EA	90.00	27,000.00	121.50	36,450.00
36d	Matting	1,000	SY	12.00	12,000.00	16.20	16,200.00
36e	Temporary construction entrance	10	EA	2,400.00	24,000.00	3,240.00	32,400.00
<b>37</b>	<b>Pavement removal and replacement</b>						
37a	Removal of asphalt pavement and underlayment	1,000	CY	100.00	100,000.00	125.00	125,000.00
37b	Removal of concrete pavement and underlayment	400	CY	360.00	144,000.00	450.00	180,000.00
37c	Replacement roadway asphalt patch	4,500	SY	165.00	742,500.00	213.75	961,875.00

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
37g	Replacement asphalt and concrete curb	100	LF	90.00	9,000.00	112.50	11,250.00
37h	Replacement gravel driveway or area	600	CY	84.00	50,400.00	105.00	63,000.00
38	Trees and landscape plants (removal of trees less than 6-inches in diameter is considered incidental to the Contract)						
38a	Tree removal - 6" to 18" diameter	10	EA	2,160.00	21,600.00	2,700.00	27,000.00
38b	Tree removal - over 18" diameter	6	EA	3,600.00	21,600.00	4,500.00	27,000.00
38c	Stump removal	4	EA	360.00	1,440.00	450.00	1,800.00
38d	Shrub removal & replacement - 1 to 5 gallon	6	EA	180.00	1,080.00	225.00	1,350.00
38e	Shrub removal & replacement - 5 to 10 gallon	2	EA	600.00	1,200.00	750.00	1,500.00
38f	Shrub removal & replacement - over 10 gallon	2	EA	1,200.00	2,400.00	1,500.00	3,000.00
39	<b>Additional backfill items</b>						
39a	Remove unsuitable material	100	CY	60.00	6,000.00	75.00	7,500.00
39b	Stabilization stone	100	CY	56.00	5,600.00	70.00	7,000.00
39c	Select backfill	100	CY	84.00	8,400.00	105.00	10,500.00
39d	Crusher run	75	CY	150.00	11,250.00	187.50	14,062.50
39e	Flowable fill	30	CY	450.00	13,500.00	562.50	16,875.00
40	<b>Fencing</b>						
40a	Remove and replace chain link fence	100	LF	30.00	3,000.00	37.50	3,750.00
40b	Remove and replace wood fence	100	LF	90.00	9,000.00	112.50	11,250.00
40c	Temporary fencing	100	LF	36.00	3,600.00	45.00	4,500.00
41	<b>SUB-TOTAL OF ITEMS 1 THROUGH 40</b>				17,759,964.00		17,872,769.20
42	<b>MOBILIZATION (NOT TO EXCEED 3% OF ITEM 41)</b>				532,798.92		536,183.08
43	<b>TOTAL OF ITEMS 41 AND 42</b>				18,292,762.92		18,408,952.28
44	<b>CONTINGENCY ALLOWANCE</b>	1	LS	200,000.00	200,000.00	200,000.00	200,000.00
<b>TOTAL BID PRICE (ITEMS 43 AND 44)</b>					<b>\$18,492,762.92</b>		<b>\$18,608,952.28</b>

Irregularities	1 - Did not submit electronic bid 2 - POA not dated	1 - Did not submit electronic bid
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I certify that this Tabulation is a true and correct copy of the Canvass of Bids received on Thursday, June 22, 2023 at 2:00 PM.

WILLIS ENGINEERS

BY:

