



Gavel & Dorn Engineering, PLLC

6730 Freedom Drive, Charlotte, North Carolina 28214

December 16, 2011

Mr. Trae Long, P.E.
Capital Improvements Project Manager
Metropolitan Sewer Subdistrict
120 Augusta Arbor Way
Greenville, SC 29605

Re: Hollytree Sewer Rehabilitation Point Repairs Project

Dear Mr. Long:

The detailed and summary bid tabulations for the referenced project are attached. All bids were free of arithmetic errors. As you are aware, Payne, McGinn, and Cummins, Inc. is the lowest responsible bidder.

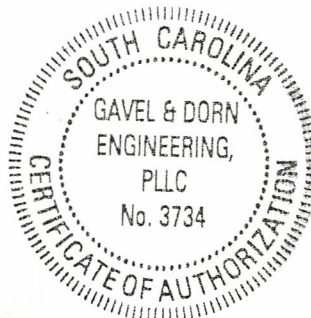
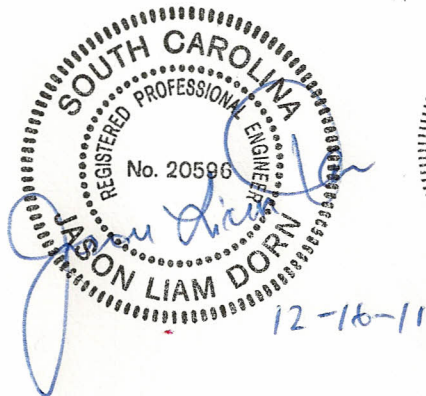
We have thoroughly reviewed Payne, McGinn, and Cummins bid, and have found it to be in good order. This company has experience on sewer pipeline construction and rehabilitation projects with Metropolitan Sewer Subdistrict, and our understanding is that they have performed well. As requested by Metropolitan Sewer Subdistrict, we have requested Mr. Mike Shotwell as the project foremen.

We recommend award to Payne, McGinn, and Cummins, Inc. in the amount of the Total Bid of \$444,420.67.

If you have any questions, please call me at 704-919-1900, extension 203.

GAVEL & DORN ENGINEERING, PLLC

Jason L. Dorn, PhD., P.E.
Partner





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Metropolitan Sewer Subdistrict - Hollytree Sewer Rehabilitation Point Repairs Project Bid Opening

Tuesday, December 13, 2011 10:00 AM

Name	Name of Contractor	Addendum # 1	Bid Bond	Bid Total
Erica Wicker	Tom Bringman Contractors	✓	✓	\$ 534,071.09
Trent Long Jay Brock	Long & Sons Utility	✓	✓	\$ 457,113.00
Ed Davis	Palmetto Grading & Drainage			
Wyatt Westmoreland	Payne, McGinn, Cummins, Inc.	✓	✓	\$ 444,420.67
Luke Raxter	Kris Mechanical			
Lindi Brooks	LW Inc.			

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST HOLLYTREE SEWER REHABILITATION POINT REPAIR PROJECT						HOLLYTREE BID TABULATION - DECEMBER 13, 2011					
						Tom Brigman Contractors, Inc.		Long & Sons Utility Co., LLC.		Payne, McGinn, & Cummins, Inc.	
ITEM	DESCRIPTION	QTY.	UNITS	UNIT COST	TOTAL COST	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	For installation of new 8-inch diameter sanitary sewer in existing sewer alignment, including excavation, backfill, and complete restoration, as specified, any depth, complete in place										
a.	MH 625-38 to MH 625-97, including removal of existing sewer and connection to existing manholes	248	LF	\$ 98.00	\$ 24,304	\$ 197.48	\$ 48,975.04	\$ 50.00	\$ 12,400.00	\$ 108.79	\$ 26,979.92
b.	Install New PVC Tee on Main Sewer	1	LF	\$ 235.00	\$ 235	\$ 1,008.40	\$ 1,008.40	\$ 300.00	\$ 300.00	\$ 614.04	\$ 614.04
c.	Install New Ductile Iron Tee on Main Sewer	1	EA	\$ 460.00	\$ 460	\$ 1,833.60	\$ 1,833.60	\$ 400.00	\$ 400.00	\$ 747.60	\$ 747.60
d.	New 6" PVC sanitary sewer service lateral	25	LF	\$ 28.27	\$ 707	\$ 41.99	\$ 1,049.75	\$ 25.00	\$ 625.00	\$ 37.51	\$ 937.75
e.	Add on for 6" DIP Lateral	13	LF	\$ 40.00	\$ 500	\$ 55.57	\$ 694.63	\$ 50.00	\$ 625.00	\$ 17.81	\$ 222.63
2	Install New PVC Tee on Main Sewer										
a.	Depth at New PVC Tee (0' - 6')	11	EA	\$ 1,930.37	\$ 21,234	\$ 1,369.94	\$ 15,069.34	\$ 1,600.00	\$ 17,600.00	\$ 1,298.92	\$ 14,288.12
b.	Depth at New PVC Tee (6.1' - 8')	8	EA	\$ 2,110.37	\$ 16,883	\$ 1,487.28	\$ 11,898.24	\$ 1,800.00	\$ 14,400.00	\$ 1,303.68	\$ 10,429.44
c.	Depth at New PVC Tee (8.1' - 10')	3	EA	\$ 2,390.37	\$ 7,171	\$ 1,633.94	\$ 4,901.82	\$ 2,000.00	\$ 6,000.00	\$ 1,347.43	\$ 4,042.29
d.	Depth at New PVC Tee (10.1' - 12')	2	EA	\$ 2,710.37	\$ 5,421	\$ 2,073.95	\$ 4,147.90	\$ 2,300.00	\$ 4,600.00	\$ 3,009.93	\$ 6,019.86
e.	Depth at New PVC Tee (12.1' - 14')	1	EA	\$ 3,030.37	\$ 3,030	\$ 5,593.94	\$ 5,593.94	\$ 2,968.00	\$ 2,968.00	\$ 3,283.56	\$ 3,283.56
3	Install New Ductile Iron Tee on Main Sewer										
a.	Depth at New Ductile Tee (0' - 6')	9	EA	\$ 1,709.90	\$ 15,389	\$ 1,895.59	\$ 17,060.31	\$ 1,750.00	\$ 15,750.00	\$ 1,296.10	\$ 11,664.90
b.	Depth at New Ductile Tee (6.1' - 8')	28	EA	\$ 1,889.90	\$ 52,917	\$ 2,042.26	\$ 57,183.28	\$ 1,850.00	\$ 51,800.00	\$ 1,294.86	\$ 36,256.08
c.	Depth at New Ductile Tee (8.1' - 10')	19	EA	\$ 2,169.90	\$ 41,228	\$ 2,230.84	\$ 42,385.96	\$ 2,050.00	\$ 38,950.00	\$ 1,400.45	\$ 26,608.55
d.	Depth at New Ductile Tee (10.1' - 12')	7	EA	\$ 2,489.90	\$ 17,429	\$ 3,362.26	\$ 23,535.82	\$ 2,400.00	\$ 16,800.00	\$ 2,869.86	\$ 20,089.02
e.	Depth at New Ductile Tee (12.1' - 14')	6	EA	\$ 2,809.90	\$ 16,859	\$ 6,002.26	\$ 36,013.56	\$ 2,900.00	\$ 17,400.00	\$ 3,079.86	\$ 18,479.16
4	For connecting replacement service lateral to existing manhole, including excavation, grout, backfill, and complete restoration, as specified, complete in place.										
a.	Depth at Connection (0' - 6')	4	EA	\$ 1,750.80	\$ 7,003	\$ 1,512.60	\$ 6,050.40	\$ 1,750.00	\$ 7,000.00	\$ 1,244.78	\$ 4,979.12
b.	Depth at Connection (6.1' - 8')	7	EA	\$ 1,950.80	\$ 13,656	\$ 1,701.18	\$ 11,908.26	\$ 1,800.00	\$ 12,600.00	\$ 1,272.60	\$ 8,908.20
c.	Depth at Connection (8.1' - 10')	1	EA	\$ 2,797.30	\$ 2,797	\$ 1,952.60	\$ 1,952.60	\$ 2,500.00	\$ 2,500.00	\$ 1,764.21	\$ 1,764.21
5	For service lateral replacement via excavation, 6" diameter service laterals, various locations of sewers, an depth, including excavation, backfill, and complete restoration, as specified, complete in place										
a.	6" PVC Lateral (any depth of cut)	925	LF	\$ 28.27	\$ 26,150	\$ 31.54	\$ 29,174.50	\$ 25.00	\$ 23,125.00	\$ 31.97	\$ 29,572.25
b.	Add on for 6" DIP Lateral	25	LF	\$ 40.00	\$ 1,000	\$ 26.04	\$ 651.00	\$ 50.00	\$ 1,250.00	\$ 19.36	\$ 484.00
6	For performing point repairs 0' - 10' long, 8" diameter sewer, various depths and locations of sewers, including excavation, backfill, and complete restoration as specified, complete in place										
a.	8" PVC Pipe (0' - 6' deep)	22	EA	\$ 1,477.20	\$ 32,498	\$ 1,136.80	\$ 25,009.60	\$ 1,620.00	\$ 35,640.00	\$ 2,378.25	\$ 52,321.50
b.	8" PVC Pipe (6.1' - 8' deep)	15	EA	\$ 1,657.20	\$ 24,858	\$ 1,216.80	\$ 18,252.00	\$ 1,720.00	\$ 25,800.00	\$ 2,588.25	\$ 38,823.75
c.	8" PVC Pipe (8.1' - 10' deep)	9	EA	\$ 1,937.20	\$ 17,435	\$ 1,312.80	\$ 11,815.20	\$ 2,000.00	\$ 18,000.00	\$ 2,903.25	\$ 26,129.25
d.	8" PVC Pipe (10.1' - 12' deep)	2	EA	\$ 2,257.20	\$ 4,514	\$ 2,016.80	\$ 4,033.60	\$ 2,200.00	\$ 4,400.00	\$ 3,113.25	\$ 6,226.50
e.	Additional cost for 8" DIP in lieu of PVC (Any Depth)	5	EA	\$ 385.55	\$ 1,928	\$ 270.00	\$ 1,350.00	\$ 500.00	\$ 2,500.00	\$ 222.60	\$ 1,113.00
f.	Additional cost for PVC Tee within point repair (Any Depth)	4	EA	\$ 232.70	\$ 931	\$ 414.23	\$ 1,656.92	\$ 225.00	\$ 900.00	\$ 149.52	\$ 598.08
g.	Additional cost for DIP Tee within point repair (Any Depth)	26	EA	\$ 460.00	\$ 11,960	\$ 589.37	\$ 15,323.62	\$ 420.00	\$ 10,920.00	\$ 299.23	\$ 7,779.98
7	Additional cost for 8" diameter sewer point repairs over 10' in length										
a.	8" PVC Pipe (0' - 6' deep)	204	LF	\$ 66.00	\$ 13,464	\$ 99.08	\$ 20,212.32	\$ 30.00	\$ 6,120.00	\$ 28.33	\$ 5,779.32
b.	8" PVC Pipe (6.1' - 8' deep)	63	LF	\$ 76.80	\$ 4,838	\$ 105.37	\$ 6,638.31	\$ 34.00	\$ 2,142.00	\$ 30.66	\$ 1,931.58
c.	8" PVC Pipe (8.1' - 10' deep)	63	LF	\$ 93.00	\$ 5,859	\$ 116.69	\$ 7,351.47	\$ 40.00	\$ 2,520.00	\$ 34.00	\$ 2,142.00
d.	8" PVC Pipe (10.1' - 12' deep)	8	LF	\$ 110.33	\$ 883	\$ 131.09	\$ 1,048.72	\$ 100.00	\$ 800.00	\$ 38.73	\$ 309.84
e.	Additional cost for 8" DIP in lieu of PVC	59	LF	\$ 22.45	\$ 1,325	\$ 30.62	\$ 1,806.58	\$ 42.00	\$ 2,478.00	\$ 20.03	\$ 1,181.77
8	Pavement Removal and Replacement										
a.	Asphalt Pavement Repair, Surface Course, 2" depth, for repair of open excavations in paved areas	920	SY	\$ 22.00	\$ 20,240	\$ 31.63	\$ 29,099.60	\$ 29.00	\$ 26,680.00	\$ 21.37	\$ 19,660.40
c.	8" Aggregate Base Course (ABC)	920	SY	\$ 35.14	\$ 32,329	\$ 18.20	\$ 16,744.00	\$ 29.00	\$ 26,680.00	\$ 5.87	\$ 5,400.40
d.	4" Aggregate Base Course (ABC)	20	SY	\$ 44.13	\$ 883	\$ 14.57	\$ 291.40	\$ 40.00	\$ 800.00	\$ 2.78	\$ 55.60
e.	Replace concrete curb and gutter, up to 30" width	400	LF	\$ 21.39	\$ 8,556	\$ 27.94	\$ 11,176.00	\$ 15.00	\$ 6,000.00	\$ 36.75	\$ 14,700.00
f.	Remove and replace concrete driveway or sidewalk	150	SY	\$ 61.53	\$ 9,230	\$ 52.22	\$ 7,833.00	\$ 50.00	\$ 7,500.00	\$ 94.00	\$ 14,100.00
9	Stabilization stone	40	CY	\$ 60.39	\$ 2,416	\$ 59.98	\$ 2,399.20	\$ 50.00	\$ 2,000.00	\$ 43.69	\$ 1,747.60
10	Crusher run	100	CY	\$ 56.13	\$ 5,613	\$ 52.27	\$ 5,227.00	\$ 50.00	\$ 5,000.00	\$ 34.94	\$ 3,494.00
11	Select backfill material	20	CY	\$ 58.36	\$ 1,167	\$ 30.44	\$ 608.80	\$ 40.00	\$ 800.00	\$ 44.52	\$ 890.40
12	Sodding	100	SY	\$ 18.19	\$ 1,819	\$ 7.46	\$ 746.00	\$ 20.00	\$ 2,000.00	\$ 19.47	\$ 1,947.00
13	Tree removal										
a.	6" Diameter and Under	6	EA	\$ 277.00	\$ 1,662	\$ 180.26	\$ 1,081.56	\$ 290.00	\$ 1,740.00	\$ 105.00	\$ 630.00
b.	6" to 18" Diameter	6	EA	\$ 620.00	\$ 3,720	\$ 600.26	\$ 3,601.56	\$ 800.00	\$ 4,800.00	\$ 315.00	\$ 1,890.00
c.	18" Diameter & Over	6	EA	\$ 1,870.00	\$ 11,220	\$ 1,800.26	\$ 10,801.56	\$ 1,100.00	\$ 6,600.00	\$ 1,050.00	\$ 6,300.00
14	Removal and Replacement of Shrubbery										
a.	Shrubs - #1 Containers (152 - 251 cubic inch size)	36	EA	\$ 169.80	\$ 6,113	\$ 90.26	\$ 3,249.36	\$ 100.00	\$ 3,600.00	\$ 26.25	\$ 945.00
b.	3' Tall Bare Root Trees	24	EA	\$ 191.80	\$ 4,603	\$ 144.26	\$ 3,462.24	\$ 100.00	\$ 2,400.00	\$ 47.25	\$ 1,134.00
c.	2-Inch Caliper B&B Trees	12	EA	\$ 213.80	\$ 2,566	\$ 180.26	\$ 2,163.12	\$ 100.00	\$ 1,200.00	\$ 68.25	\$ 819.00
15	Subtotal (Sum of items 1 through 14 in Figures):				\$ 507,002		\$ 534,071.09		\$ 457,113.00		\$ 444,420.67
16	Contingency (10 percent of Items 15 in Figures):				\$ 50,700						
17	Total Bid (Sum of Items 15 through 16 in Figures):				\$ 557,702						