

SOUTH FORCEMAIN SYSTEM CAPACITY IMPROVEMENT PROJECTS

Project No. 09-PS-MS-0048

Multiple Pump Stations: Nicholson Drive - Brightside Drive

Bid Opened: April 27, 2012

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	LAYNE HEAVY CIVIL, INC.		WHARTON-SMITH, INC.		MORGAN CONTRACTING, INC.		B&K CONSTRUCTION COMPANY, LLC	
				AS BID	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE
2010100	Clearing and Grubbing	LUMP	1	\$6,100.00	\$6,100.00	\$19,425.00	\$19,425.00	\$26,000.00	\$26,000.00	\$40,000.00	\$40,000.00
2020100	Removal of Structures and Obstructions	LUMP	1	\$15,000.00	\$15,000.00	\$9,773.00	\$9,773.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00
2020500	Removal of Asphalt Surfacing and Base	SY	568	\$2.00	\$1,136.00	\$6.30	\$3,578.40	\$7.00	\$3,976.00	\$6.00	\$3,408.00
2020600	Removal of Concrete Walks and Drives	SY	380	\$6.65	\$2,527.00	\$8.40	\$3,192.00	\$14.00	\$5,320.00	\$6.00	\$2,280.00
2020800	Removal of Concrete Curb and Gutter	LF	155	\$2.50	\$387.50	\$9.45	\$1,464.75	\$7.00	\$1,085.00	\$6.00	\$930.00
2020900	Saw Cutting Concrete or Asphalt	LF	2953	\$7.00	\$20,671.00	\$6.04	\$17,836.12	\$7.00	\$20,671.00	\$5.00	\$14,765.00
4010100	Traffic Maintenance Aggregate (Truck Measure)	CY	138.9	\$58.00	\$8,056.20	\$75.76	\$10,523.06	\$55.00	\$7,639.50	\$55.00	\$7,639.50
4020306	Aggregate Surface Course (6" Thick)	SY	445.4	\$19.00	\$8,462.60	\$16.40	\$7,304.56	\$50.00	\$22,270.00	\$20.00	\$8,908.00
5011100	Restore Asphalt Concrete Pavement and Base	SY	568	\$133.00	\$75,544.00	\$87.65	\$49,785.20	\$85.00	\$48,280.00	\$110.00	\$62,480.00
7010115	15" Storm Drain Pipe	LF	20	\$32.75	\$655.00	\$61.44	\$1,228.80	\$55.00	\$1,100.00	\$46.00	\$920.00
7010212	12" Reinforced Concrete Pipe	LF	61	\$32.00	\$1,952.00	\$54.74	\$3,339.14	\$55.00	\$3,355.00	\$47.00	\$2,867.00
7010218	18" Reinforced Concrete Pipe	LF	16	\$44.00	\$704.00	\$64.53	\$1,032.48	\$60.00	\$960.00	\$68.00	\$1,088.00
7010224	24" Reinforced Concrete Pipe	LF	42	\$53.00	\$2,226.00	\$79.35	\$3,332.70	\$64.00	\$2,688.00	\$82.00	\$3,444.00
7010236	36" Reinforced Concrete Pipe	LF	42	\$87.00	\$3,654.00	\$112.69	\$4,732.98	\$83.00	\$3,486.00	\$125.00	\$5,250.00
7010248	48" Reinforced Concrete Pipe	LF	44	\$140.00	\$6,160.00	\$172.19	\$7,576.36	\$103.00	\$4,532.00	\$235.00	\$10,340.00
7010530	30" Bituminous Coated Corrugated Metal Pipe	LF	15	\$76.00	\$1,140.00	\$113.63	\$1,704.45	\$120.00	\$1,800.00	\$120.00	\$1,800.00
7020124	Curb Inlet (24")	EACH	2	\$4,225.00	\$8,450.00	\$4,662.00	\$9,324.00	\$500.00	\$1,000.00	\$2,500.00	\$5,000.00
7050124	24" Thick Riprap	SY	120	\$59.50	\$7,140.00	\$101.22	\$12,146.40	\$75.00	\$9,000.00	\$70.00	\$8,400.00
8013000	Limestone Bedding and Backfill	CY	100	\$52.00	\$5,200.00	\$134.19	\$13,419.00	\$60.00	\$6,000.00	\$70.00	\$7,000.00
8013100	Sand Backfill	CY	2850	\$23.50	\$66,975.00	\$24.15	\$68,827.50	\$25.00	\$71,250.00	\$20.00	\$57,000.00
8013200	Select Material For Backfill	CY	2000	\$23.50	\$47,000.00	\$24.15	\$48,300.00	\$41.00	\$82,000.00	\$20.00	\$40,000.00
802101C	PVC Sewer Pipe (6.1' - 8.0') (8")	LF	40	\$108.00	\$4,320.00	\$68.95	\$2,758.00	\$86.00	\$3,440.00	\$51.00	\$2,040.00
802101K	PVC Sewer Pipe (6.1' - 8.0') (21")	LF	264	\$62.00	\$16,368.00	\$95.58	\$25,233.12	\$124.00	\$32,736.00	\$87.00	\$22,968.00
802102C	PVC Sewer Pipe (8.1' - 10.0') (8")	LF	80	\$108.00	\$8,640.00	\$68.96	\$5,516.80	\$86.00	\$6,880.00	\$54.00	\$4,320.00
802102K	PVC Sewer Pipe (8.1' - 10.0') (21")	LF	380	\$64.00	\$24,320.00	\$104.21	\$39,599.80	\$125.00	\$47,500.00	\$97.00	\$36,860.00
802102L	PVC Sewer Pipe (8.1' - 10.0') (24")	LF	620	\$78.00	\$48,360.00	\$114.15	\$70,773.00	\$132.00	\$81,840.00	\$108.00	\$66,960.00
802103C	PVC Sewer Pipe (10.1' - 12.0') (8")	LF	176	\$108.00	\$19,008.00	\$68.96	\$12,136.96	\$90.00	\$15,840.00	\$62.00	\$10,912.00
802103K	PVC Sewer Pipe (10.1' - 12.0') (21")	LF	260	\$66.00	\$17,160.00	\$118.59	\$30,833.40	\$132.00	\$34,320.00	\$105.00	\$27,300.00
802103L	PVC Sewer Pipe (10.1' - 12.0') (24")	LF	600	\$81.00	\$48,600.00	\$128.53	\$77,118.00	\$140.00	\$84,000.00	\$117.00	\$70,200.00
802104K	PVC Sewer Pipe (12.1' - 16.0') (21")	LF	40	\$68.50	\$2,740.00	\$147.34	\$5,893.60	\$145.00	\$5,800.00	\$136.00	\$5,440.00
802104L	PVC Sewer Pipe (12.1' - 16.0') (24")	LF	330	\$84.00	\$27,720.00	\$157.28	\$51,902.40	\$155.00	\$51,150.00	\$142.00	\$46,860.00
802121L	Ductile Iron Sewer Pipe (6.1' - 8.0') (24")	LF	20	\$160.00	\$3,200.00	\$217.51	\$4,350.20	\$500.00	\$10,000.00	\$260.00	\$5,200.00
802123L	Ductile Iron Sewer Pipe (10.1' - 12.0') (24")	LF	40	\$162.00	\$6,480.00	\$217.51	\$8,700.40	\$560.00	\$22,400.00	\$245.00	\$9,800.00
802124L	Ductile Iron Sewer Pipe (12.1' - 16.0') (24")	LF	48	\$179.00	\$8,592.00	\$246.27	\$11,820.96	\$650.00	\$31,200.00	\$290.00	\$13,920.00
8024100	Sewer Service Lateral	LF	816	\$17.00	\$13,872.00	\$70.48	\$57,511.68	\$30.00	\$24,480.00	\$40.00	\$32,640.00
8026000	Sanitary Sewer Clean-out	EACH	12	\$303.00	\$3,636.00	\$295.53	\$3,546.36	\$1,100.00	\$13,200.00	\$138.00	\$1,656.00
8028000	Abandon Sewer Pipe (w/Flowable Fill in-Place)	LUMP	1	\$2,035.00	\$2,035.00	\$2,184.00	\$2,184.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00
8028100	Plug and Abandon Sewer Pipe (Cap Each End)	LUMP	1	\$8,900.00	\$8,900.00	\$5,820.00	\$5,820.00	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00
8031601	60" Sanitary Sewer Manholes (6.1' - 8.0')	EACH	3	\$4,700.00	\$14,100.00	\$5,826.00	\$17,478.00	\$7,400.00	\$22,200.00	\$4,000.00	\$12,000.00
8031602	60" Sanitary Sewer Manholes (8.1' - 10.0')	EACH	6	\$5,035.00	\$30,210.00	\$6,312.50	\$37,875.00	\$7,800.00	\$46,800.00	\$4,700.00	\$28,200.00
8031603	60" Sanitary Sewer Manholes (10.1' - 12.0')	EACH	4	\$5,800.00	\$23,200.00	\$7,553.00	\$30,212.00	\$8,200.00	\$32,800.00	\$5,500.00	\$22,000.00
8031604	60" Sanitary Sewer Manholes (12.1' - 16.0')	EACH	1	\$6,750.00	\$6,750.00	\$8,582.00	\$8,582.00	\$8,700.00	\$8,700.00	\$7,500.00	\$7,500.00
8031723	72" Sanitary Sewer Manholes (10.1' - 12.0')	EACH	1	\$7,115.00	\$7,115.00	\$11,509.00	\$11,509.00	\$11,000.00	\$11,000.00	\$7,800.00	\$7,800.00
803200A	Sanitary Sewer Drop Line (4")	VF	15	\$26.00	\$390.00	\$62.24	\$933.60	\$150.00	\$2,250.00	\$85.00	\$1,275.00
804010H	Unrestrained Joint Ductile Iron Sewer Force Main (16")	LF	60	\$112.00	\$6,720.00	\$192.00	\$11,520.00	\$230.00	\$13,800.00	\$165.00	\$9,900.00
804020D	Unrestrained Joint PVC Sewer Force Main (10")	LF	1475	\$35.00	\$51,625.00	\$70.95	\$104,651.25	\$95.00	\$140,125.00	\$75.00	\$110,625.00
804020E	Unrestrained Joint PVC Sewer Force Main (12")	LF	2072	\$37.50	\$77,700.00	\$76.04	\$157,554.88	\$106.00	\$219,632.00	\$80.00	\$165,760.00
804020H	Unrestrained Joint PVC Sewer Force Main (16")	LF	5494	\$45.00	\$247,230.00	\$71.23	\$391,337.62	\$106.00	\$582,364.00	\$85.00	\$466,990.00
804020J	Unrestrained Joint PVC Sewer Force Main (20")	LF	265	\$66.00	\$17,490.00	\$117.62	\$31,169.30	\$138.00	\$36,570.00	\$100.00	\$26,500.00
804041H	Restrained Joint Ductile Iron Sewer Force Main (16")	LF	148	\$133.00	\$19,684.00	\$184.18	\$27,258.64	\$420.00	\$62,160.00	\$225.00	\$33,300.00
804042D	Restrained Joint PVC Sewer Force Main (10")	LF	682	\$60.50	\$41,261.00	\$74.62	\$50,890.84	\$108.00	\$73,656.00	\$80.00	\$54,560.00
804042E	Restrained Joint PVC Sewer Force Main (12")	LF	647	\$45.00	\$29,115.00	\$78.60	\$50,854.20	\$114.00	\$73,758.00	\$90.00	\$58,230.00
804042H	Restrained Joint PVC Sewer Force Main (16")	LF	1380	\$61.50	\$84,870.00	\$83.87	\$115,740.60	\$122.00	\$168,360.00	\$100.00	\$138,000.00
804042J	Restrained Joint PVC Sewer Force Main (20")	LF	653	\$98.00	\$63,994.00	\$142.80	\$93,248.40	\$170.00	\$111,010.00	\$138.00	\$90,114.00
8044000	Valve Vault	EACH	2	\$19,000.00	\$38,000.00	\$23,185.00	\$46,370.00	\$10,500.00	\$21,000.00	\$18,000.00	\$36,000.00
8045001	Fittings	TONS	13.62	\$5,600.00	\$76,272.00	\$6,300.00	\$85,806.00	\$6,800.00	\$92,616.00	\$12,000.00	\$163,440.00
804800J	Plug Valve (20")	EACH	2	\$8,215.00	\$16,430.00	\$9,774.00	\$19,548.00	\$8,700.00	\$17,400.00	\$12,000.00	\$24,000.00
8049002	2" Combination Air/Vaccum Valve	EACH	7	\$3,650.00	\$25,550.00	\$5,129.00	\$35,903.00	\$6,800.00	\$47,600.00	\$4,800.00	\$33,600.00
8049003	3" Combination Air/Vaccum Valve	EACH	9	\$4,725.00	\$42,525.00	\$6,124.00	\$55,116.00	\$7,000.00	\$63,000.00	\$5,800.00	\$52,200.00
804920I	Force Main Tie-In (18")	EACH	1	\$7,000.00	\$7,000.00	\$10,500.00	\$10,500.00	\$9,000.00	\$9,000.00	\$12,500.00	\$12,500.00
804920L	Force Main Tie-In (24")	EACH	1	\$7,500.00	\$7,500.00	\$11,754.00	\$11,754.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00
805020I	Submersible Sewage Pump Station (2 Pumps) (PS 311)	LUMP	1	\$439,000.00	\$439,000.00	\$506,276.00	\$506,276.00	\$406,911.00	\$406,911.00	\$430,000.00	\$430,000.00
805020J	Submersible Sewage Pump Station (2 Pumps) (PS 336)	LUMP	1	\$439,000.00	\$439,000.00	\$494,887.00	\$494,887.00	\$387,505.00	\$387,505.00	\$415,000.00	\$415,000.00
8050401	Type III Submersible Wastewater Pump Station (PS 236/236A)	LUMP	1	\$2,950,000.00	\$2,950,000.00	\$2,572,500.00	\$2,572,500.00	\$3,386,635.00	\$3,386,635.00	\$3,400,000.00	\$3,400,000.00
8050402	Type III Submersible Wastewater Pump Station (PS 505/505A)	LUMP	1	\$4,399,000.00	\$4,399,000.00	\$3,549,000.00	\$3,549,000.00	\$4,080,970.00	\$4,080,970.00	\$5,140,000.00	\$5,140,000.00
8070101	Pump Station Rehabilitation (PS 107)	LUMP	1	\$315,000.00	\$315,000.00	\$340,689.00	\$340,689.00	\$98,325.00	\$98,325.00	\$390,000.00	\$390,000.00
817001J	20" Jacked and Bored Casing	LF	65	\$310.00	\$20,150.00	\$832.28	\$54,098.20	\$600.00	\$39,000.00	\$565.00	\$36,725.00
817001L	24" Jacked and Bored Casing	LF	325	\$337.00	\$109,525.00	\$555.74	\$180,615.50	\$760.00	\$247,000.00	\$375.00	\$121,875.00
817001O	30" Jacked and Bored Casing	LF	145	\$600.00	\$87,000.00	\$709.31	\$102,849.95	\$1,200.00	\$174,000.00	\$575.00	\$83,375.00
8200001	Demolition and Site Restoration of Pump Station (PS 311)	LUMP	1	\$17,000.00	\$17,000.00	\$32,103.00	\$32,103.00	\$33,500.00	\$33,500.00	\$6,000.00	\$6,000.00

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				AS BID	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE
8200002	Demolition and Site Restoration of Pump Station (PS 336)	LUMP	1	\$17,000.00	\$17,000.00	\$32,638.00	\$32,638.00	\$35,500.00	\$35,500.00	\$10,000.00	\$10,000.00
8200003	Demolition and Site Restoration of Pump Station (PS 236)	LUMP	1	\$9,000.00	\$9,000.00	\$147,000.00	\$147,000.00	\$28,500.00	\$28,500.00	\$15,000.00	\$15,000.00
8200004	Demolition and Site Restoration of Pump Station (PS 505)	LUMP	1	\$76,000.00	\$76,000.00	\$241,500.00	\$241,500.00	\$35,000.00	\$35,000.00	\$35,000.00	\$35,000.00
8211101	Miscellaneous Work and Cleanup	LUMP	1	\$281,250.00	\$281,250.00	\$669,244.00	\$669,244.00	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00
9020101	Remove Existing Fence and Replace with New Fence	LF	1013	\$19.00	\$19,247.00	\$20.73	\$20,999.49	\$17.00	\$17,221.00	\$32.00	\$32,416.00
9030800	Seed	LB	133	\$14.50	\$1,928.50	\$21.00	\$2,793.00	\$56.00	\$7,448.00	\$16.00	\$2,128.00
9030900	Fertilizer	LB	5961	\$0.50	\$2,980.50	\$1.05	\$6,259.05	\$2.00	\$11,922.00	\$1.00	\$5,961.00
9031000	Water	MGAL	0.2885	\$5,500.00	\$1,586.75	\$3,276.00	\$945.13	\$7,800.00	\$2,250.30	\$900.00	\$259.65
9031100	Straw Mulch	SY	14825	\$0.40	\$5,930.00	\$0.26	\$3,854.50	\$1.00	\$14,825.00	\$0.50	\$7,412.50
9031500	Slab Sod	SY	14026	\$9.00	\$126,234.00	\$4.99	\$69,989.74	\$7.00	\$98,182.00	\$7.00	\$98,182.00
9031600	Storm Water Pollution Prevention Plan	LUMP	1	\$12,300.00	\$12,300.00	\$5,250.00	\$5,250.00	\$14,000.00	\$14,000.00	\$7,000.00	\$7,000.00
9050100	Temporary Signs and Barricades	LUMP	1	\$12,500.00	\$12,500.00	\$13,650.00	\$13,650.00	\$63,000.00	\$63,000.00	\$56,000.00	\$56,000.00
9059000	Traffic Control Officer	LUMP	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
9070100	Integral Concrete Curb	LF	24	\$35.00	\$840.00	\$26.25	\$630.00	\$50.00	\$1,200.00	\$15.00	\$360.00
9070200	Concrete Curb and Gutter (2 Ft. Wide)	LF	131	\$41.00	\$5,371.00	\$31.50	\$4,126.50	\$30.00	\$3,930.00	\$41.00	\$5,371.00
9070304	4" Concrete Walk	SY	13.4	\$118.00	\$1,581.20	\$78.36	\$1,050.02	\$120.00	\$1,608.00	\$50.00	\$670.00
9070406	6" Concrete Drive	SY	367	\$118.00	\$43,306.00	\$78.75	\$28,901.25	\$95.00	\$34,865.00	\$70.00	\$25,690.00
9090100	Mobilization	LUMP	1	\$562,000.00	\$562,000.00	\$325,080.00	\$325,080.00	\$460,000.00	\$460,000.00	\$1,212,800.00	\$1,212,800.00
9900001	Utility Relocation Allowance	LUMP	1	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
9900002	Vibration Monitoring	EACH	20	\$600.00	\$12,000.00	\$525.00	\$10,500.00	\$350.00	\$7,000.00	\$675.00	\$13,500.00
	Total			TOTAL	\$11,516,552.25	TOTAL	\$11,598,786.24	TOTAL	\$12,467,296.80	TOTAL	\$13,891,814.65