

HIAWASSEE FORCE MAIN UPGRADES

RECEIVED FEBRUARY 18, 2009

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Griffin Brothers, Inc. 103 Griffin Drive Maysville, GA 30558 706-677-3549		Stillwell Enterprises, Inc. 174 Walter Ashe Road/PO Box 635 Sylva, NC 28779 828-586-6424		Buckeye Construction Co. 654 Buckeye Cove Road Canton, NC 28716 828-648-4511		McClure's Communication 1404 Rowland Hill Road Marble, NC 28905 888-837-2311	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
01025.000	VIDEO TAPING OF THE PIPELINE ROUTES	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
02227.000	ROCK REMOVAL	CY	750	\$70.00	\$52,500.00	\$70.00	\$52,500.00	\$70.00	\$52,500.00	\$70.00	\$52,500.00
02270.000	EROSION CONTROL										
02270.101	SILT FENCE - TYPE A	LF	3,000	\$0.50	\$1,500.00	\$1.20	\$3,600.00	\$0.75	\$2,250.00	\$2.00	\$6,000.00
02270.102	SILT FENCE - TYPE C	LF	150	\$2.00	\$300.00	\$5.00	\$750.00	\$1.82	\$273.00	\$2.00	\$300.00
02270.103	STONE CHECK DAMS	EA	100	\$75.00	\$7,500.00	\$30.00	\$3,000.00	\$10.70	\$1,070.00	\$35.00	\$3,500.00
02270.104	EXCELSIOR BLANKET	SY	5,000	\$1.00	\$5,000.00	\$1.50	\$7,500.00	\$0.86	\$4,300.00	\$1.00	\$5,000.00
02272.000	RIP RAP										
02272.101	RIP RAP - TYPE 3	SY	300	\$30.00	\$9,000.00	\$28.00	\$8,400.00	\$0.01	\$3.00	\$25.00	\$7,500.00
02300.000	BORING AND JACKING										
02300.101	JACK & BORE - COMPLETE WITH 12-INCH STEEL CASING AND 6-INCH DIAMETER DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	140	\$110.00	\$15,400.00	\$120.00	\$16,800.00	\$87.75	\$12,285.00	\$131.00	\$18,340.00
02300.102	ADD ON CHARGE-BORING AND JACKING-THROUGH ROCK WITH 12-INCH STEEL CASING AND 6-INCH DIP CARRIER PIPE	LF	50	\$110.00	\$5,500.00	\$100.00	\$5,000.00	\$26.80	\$1,340.00	\$144.40	\$7,220.00
02300.103	8-INCH FREEBORE-COMPLETE WITH 8-INCH DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	60	\$51.54	\$3,092.40	\$63.00	\$3,780.00	\$38.80	\$2,328.00	\$89.00	\$5,340.00
02300.104	6-INCH FREEBORE-COMPLETE WITH 6-INCH DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	315	\$48.50	\$15,277.50	\$60.00	\$18,900.00	\$35.10	\$11,056.50	\$70.00	\$22,050.00
02300.105	6-INCH FREEBORE-COMPLETE WITH 6-INCH PVC CARRIER PIPE, RESTRAINED JOINTS, ETC.	EA	135	\$41.50	\$5,602.50	\$56.00	\$7,560.00	\$28.10	\$3,793.50	\$54.00	\$7,290.00
02300.106	16-INCH STEEL CASING AND 8-INCH DIAMETER DIP CARRIER PIPE - INSTALLED BY OPEN CUT	LF	70	\$115.00	\$8,050.00	\$62.00	\$4,340.00	\$60.00	\$4,200.00	\$109.65	\$7,675.50
02341.000	HORIZONTAL DIRECTIONAL DRILLING										
02341.101	HORIZONTAL DIRECTIONAL DRILLING WITH 6" DIA. SDR 9 HDPE	LF	4,720	\$34.00	\$160,480.00	\$32.00	\$151,040.00	\$30.86	\$145,659.20	\$43.00	\$202,960.00
02341.102	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING - THROUGH ROCK WITH 6" DIA. SDR 9 HDPE	LF	1,000	\$80.00	\$80,000.00	\$65.00	\$65,000.00	\$69.65	\$69,650.00	\$57.00	\$57,000.00
02523.000	DRIVEWAY REPAIR										
02523.101	GRAVEL DRIVEWAY REPAIR	LF	501	\$6.00	\$3,006.00	\$6.00	\$3,006.00	\$4.00	\$2,004.00	\$7.50	\$3,757.50
02523.102	PAVEMENT CUT AND REPAIR	LF	223	\$30.00	\$6,690.00	\$40.00	\$8,920.00	\$43.50	\$9,700.50	\$35.00	\$7,805.00
02523.103	CONCRETE CUT AND REPAIR	LF	16	\$35.00	\$560.00	\$50.00	\$800.00	\$26.00	\$416.00	\$48.00	\$768.00
02601.000	MANHOLE CONNECTIONS								\$0.00		
02601.101	CONNECT 6" DIA. FORCE MAIN TO EXISTING MANHOLE, COMPLETE INCLUDING PIPE, CORE, BOOT, ETC.	EA	2	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$1,220.00	\$2,440.00	\$578.00	\$1,156.00
02732.000	SANITARY SEWER FORCE MAINS										
02732.101	8" DIA. DR 18 C900 PVC FORCE MAIN	LF	4,003	\$13.30	\$53,239.90	\$21.00	\$84,063.00	\$22.00	\$88,066.00	\$16.34	\$65,409.02
02732.102	8" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	90	\$20.00	\$1,800.00	\$27.00	\$2,430.00	\$25.25	\$2,272.50	\$22.50	\$2,025.00
02732.103	6" DIA. DR 18 C900 PVC FORCE MAIN	LF	4,600	\$10.65	\$48,990.00	\$18.00	\$82,800.00	\$23.50	\$108,100.00	\$12.50	\$57,500.00
02732.104	8" DIA. PLUG VALVE	EA	3	\$2,000.00	\$6,000.00	\$1,900.00	\$5,700.00	\$1,483.00	\$4,449.00	\$2,942.00	\$8,826.00
02732.105	6" DIA. PLUG VALVE	EA	3	\$1,600.00	\$4,800.00	\$1,600.00	\$4,800.00	\$1,067.00	\$3,201.00	\$2,448.00	\$7,344.00
02732.106	4" DIA. PLUG VALVE	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$665.50	\$1,331.00	\$1,526.00	\$3,052.00
02732.107	CONNECT 8" DIA. FORCE MAIN TO EXISTING 8" DIA. FORCE MAIN VIA CUT-IN WITH 90 DEGREE FITTING	EA	1	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$2,633.00	\$2,633.00	\$850.00	\$850.00
02732.108	CONNECT 6" DIA. FORCE MAIN TO EXISTING 4" DIA. FORCE MAIN VIA CUT-IN WITH 90 DEGREE FITTING AND 4"X6" REDUCER	EA	2	\$1,200.00	\$2,400.00	\$1,700.00	\$3,400.00	\$2,597.00	\$5,194.00	\$750.00	\$1,500.00
02732.109	SEWAGE AIR RELEASE/AIR VACCUUM VALVE	EA	3	\$3,200.00	\$9,600.00	\$2,400.00	\$7,200.00	\$3,590.00	\$10,770.00	\$2,950.00	\$8,850.00
02732.110	INSTALL 12" DIA. CMP STORM PIPE	LF	56	\$17.00	\$952.00	\$20.00	\$1,120.00	\$33.55	\$1,878.80	\$32.00	\$1,792.00
02931.000	PERMANENT GRASSING								\$0.00		
02931.101	GRASSING, COMPLETE INCLUDING SEED FERTILIZER, MULCH, LIME, ETC.	LF	8,000	\$0.75	\$6,000.00	\$1.00	\$8,000.00	\$2.00	\$16,000.00	\$0.75	\$6,000.00
<b>TOTAL BASE BID</b>					<b>\$518,940.30</b>		<b>\$565,009.00</b>		<b>\$569,664.00</b>		<b>\$579,810.02</b>

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**MANDATORY ALTERNATE BID ITEMS**

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Griffin Brothers, Inc. 103 Griffin Drive Maysville, GA 30558 706-677-3549		Stillwell Enterprises, Inc. 174 Walter Ashe Road/PO Box 635 Sylva, NC 28779 828-586-6424		Buckeye Construction Co. 654 Buckeye Cove Road Canton, NC 28716 828-648-4511		McClure's Communication 1404 Rowland Hill Road Marble, NC 28905 888-837-2311	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
02660.101A	8" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	4,093	\$18.83	\$77,071.19	\$29.00	\$118,697.00	\$25.25	\$103,348.25	\$23.16	\$94,793.88
02660.102A	6" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	4,600	\$17.06	\$78,476.00	\$24.00	\$110,400.00	\$27.15	\$124,890.00	\$19.60	\$90,160.00
ATTACHMENT 1	NPDES, EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN IMPLEMENTATION	LS	1	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$3,214.00	\$3,214.00	\$6,000.00	\$6,000.00

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ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	BRI Utility Construction 305 Petty Road/Suite C Lawrenceville, GA 30043 770-237-8990		Dodd Construction, Inc. 148 Chappellear Road Lavonia, GA 30553 706-356-0708		Wells and West, Inc. P. O. Box 129 Murphy, NC 28906 828-837-2437		Infratech Corporation 2036-A Baker Court, NW Kennesaw, GA 30144-6423 770-792-8700	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
01025.000	VIDEO TAPING OF THE PIPELINE ROUTES	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
02227.000	ROCK REMOVAL	CY	750	\$70.00	\$52,500.00	\$70.00	\$52,500.00	\$70.00	\$52,500.00	\$70.00	\$52,500.00
02270.000	EROSION CONTROL										
02270.101	SILT FENCE - TYPE A	LF	3,000	\$1.00	\$3,000.00	\$3.00	\$9,000.00	\$2.75	\$8,250.00	\$1.38	\$4,140.00
02270.102	SILT FENCE - TYPE C	LF	150	\$2.00	\$300.00	\$3.00	\$450.00	\$2.75	\$412.50	\$2.75	\$412.50
02270.103	STONE CHECK DAMS	EA	100	\$25.00	\$2,500.00	\$40.00	\$4,000.00	\$2.50	\$250.00	\$256.25	\$25,625.00
02270.104	EXCELSIOR BLANKET	SY	5,000	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$2.50	\$12,500.00	\$1.69	\$8,450.00
02272.000	RIP RAP										
02272.101	RIP RAP - TYPE 3	SY	300	\$21.00	\$6,300.00	\$30.00	\$9,000.00	\$30.00	\$9,000.00	\$27.08	\$8,124.00
02300.000	BORING AND JACKING										
02300.101	JACK & BORE - COMPLETE WITH 12-INCH STEEL CASING AND 6-INCH DIAMETER DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	140	\$140.00	\$19,600.00	\$150.00	\$21,000.00	\$125.00	\$17,500.00	\$258.75	\$36,225.00
02300.102	ADD ON CHARGE-BORING AND JACKING-THROUGH ROCK WITH 12-INCH STEEL CASING AND 6-INCH DIP CARRIER PIPE	LF	50	\$150.00	\$7,500.00	\$50.00	\$2,500.00	\$300.00	\$15,000.00	\$87.50	\$4,375.00
02300.103	8-INCH FREEBORE-COMPLETE WITH 8-INCH DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	60	\$40.00	\$2,400.00	\$50.00	\$3,000.00	\$100.00	\$6,000.00	\$82.11	\$4,926.60
02300.104	6-INCH FREEBORE-COMPLETE WITH 6-INCH DIP CARRIER PIPE, RESTRAINED JOINTS, ETC.	LF	315	\$40.00	\$12,600.00	\$50.00	\$15,750.00	\$85.00	\$26,775.00	\$55.16	\$17,375.40
02300.105	6-INCH FREEBORE-COMPLETE WITH 6-INCH PVC CARRIER PIPE, RESTRAINED JOINTS, ETC.	EA	135	\$40.00	\$5,400.00	\$50.00	\$6,750.00	\$40.00	\$5,400.00	\$37.86	\$5,111.10
02300.106	16-INCH STEEL CASING AND 8-INCH DIAMETER DIP CARRIER PIPE - INSTALLED BY OPEN CUT	LF	70	\$150.00	\$10,500.00	\$150.00	\$10,500.00	\$100.00	\$7,000.00	\$130.89	\$9,162.30
02341.000	HORIZONTAL DIRECTIONAL DRILLING										
02341.101	HORIZONTAL DIRECTIONAL DRILLING WITH 6" DIA. SDR 9 HDPE	LF	4,720	\$35.00	\$165,200.00	\$50.00	\$236,000.00	\$44.50	\$210,040.00	\$35.91	\$169,495.20
02341.102	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING - THROUGH ROCK WITH 6" DIA. SDR 9 HDPE	LF	1,000	\$150.00	\$150,000.00	\$110.00	\$110,000.00	\$200.00	\$200,000.00	\$106.30	\$106,300.00
02523.000	DRIVEWAY REPAIR										
02523.101	GRAVEL DRIVEWAY REPAIR	LF	501	\$10.00	\$5,010.00	\$10.00	\$5,010.00	\$20.00	\$10,020.00	\$31.25	\$15,656.25
02523.102	PAVEMENT CUT AND REPAIR	LF	223	\$50.00	\$11,150.00	\$40.00	\$8,920.00	\$30.00	\$6,690.00	\$87.50	\$19,512.50
02523.103	CONCRETE CUT AND REPAIR	LF	16	\$34.00	\$544.00	\$60.00	\$960.00	\$30.00	\$480.00	\$106.25	\$1,700.00
02601.000	MANHOLE CONNECTIONS										
02601.101	CONNECT 6" DIA. FORCE MAIN TO EXISTING MANHOLE, COMPLETE INCLUDING PIPE, CORE, BOOT, ETC.	EA	2	\$500.00	\$1,000.00	\$2,000.00	\$4,000.00	\$2,500.00	\$5,000.00	\$3,125.00	\$6,250.00
02732.000	SANITARY SEWER FORCE MAINS										
02732.101	8" DIA. DR 18 C900 PVC FORCE MAIN	LF	4,003	\$14.00	\$56,042.00	\$16.00	\$64,048.00	\$13.00	\$52,039.00	\$24.12	\$96,552.36
02732.102	8" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	90	\$21.00	\$1,890.00	\$30.00	\$2,700.00	\$20.00	\$1,800.00	\$96.75	\$8,707.50
02732.103	6" DIA. DR 18 C900 PVC FORCE MAIN	LF	4,600	\$12.00	\$55,200.00	\$13.00	\$59,800.00	\$10.50	\$48,300.00	\$17.46	\$80,316.00
02732.104	8" DIA. PLUG VALVE	EA	3	\$2,312.64	\$6,937.92	\$3,000.00	\$9,000.00	\$2,000.00	\$6,000.00	\$3,015.17	\$9,045.51
02732.105	6" DIA. PLUG VALVE	EA	3	\$1,875.84	\$5,627.52	\$2,800.00	\$8,400.00	\$1,500.00	\$4,500.00	\$2,493.40	\$7,480.20
02732.106	4" DIA. PLUG VALVE	EA	2	\$1,250.88	\$2,501.76	\$2,000.00	\$4,000.00	\$1,100.00	\$2,200.00	\$1,870.76	\$3,741.52
02732.107	CONNECT 8" DIA. FORCE MAIN TO EXISTING 8" DIA. FORCE MAIN VIA CUT-IN WITH 90 DEGREE FITTING	EA	1	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$3,069.31	\$3,069.31
02732.108	CONNECT 6" DIA. FORCE MAIN TO EXISTING 4" DIA. FORCE MAIN VIA CUT-IN WITH 90 DEGREE FITTING AND 4"X6" REDUCER	EA	2	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$1,000.00	\$2,000.00	\$3,125.00	\$6,250.00
02732.109	SEWAGE AIR RELEASE/AIR VACCUUM VALVE	EA	3	\$3,572.74	\$10,718.22	\$4,000.00	\$12,000.00	\$4,500.00	\$13,500.00	\$3,555.06	\$10,665.18
02732.110	INSTALL 12" DIA. CMP STORM PIPE	LF	56	\$30.00	\$1,680.00	\$50.00	\$2,800.00	\$25.00	\$1,400.00	\$63.67	\$3,565.52
02931.000	PERMANENT GRASSING										
02931.101	GRASSING, COMPLETE INCLUDING SEED FERTILIZER, MULCH, LIME, ETC.	LF	8,000	\$0.50	\$4,000.00	\$1.00	\$8,000.00	\$1.50	\$12,000.00	\$5.73	\$45,840.00
<b>TOTAL BASE BID</b>					<b>\$611,601.42</b>		<b>\$684,588.00</b>		<b>\$738,556.50</b>		<b>\$771,073.95</b>

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**MANDATORY ALTERNATE BID ITEMS**

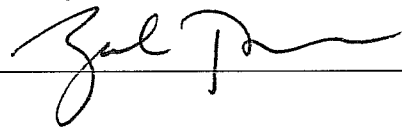
ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	BRI Utility Construction 305 Petty Road/Suite C Lawrenceville, GA 30043 770-237-8990		Dodd Construction, Inc. 148 Chappellear Road Lavonia, GA 30553 706-356-0708		Wells and West, Inc. P. O. Box 129 Murphy, NC 28906 828-837-2437		Infratech Corporation 2036-A Baker Court, NW Kennesaw, GA 30144-6423 770-792-8700	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
02660.101A	8" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	4,093	\$18.91	\$77,398.63	\$25.00	\$102,325.00	\$19.00	\$77,767.00	\$70.00	\$286,510.00
02660.102A	6" DIA. PRESSURE CLASS 350 DIP FORCE MAIN	LF	4,600	\$16.54	\$76,084.00	\$22.00	\$101,200.00	\$13.50	\$62,100.00	\$58.43	\$268,778.00
ATTACHMENT 1	NPDES, EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN IMPLEMENTATION	LS	1	\$2,000.00	\$2,000.00	\$8,000.00	\$8,000.00	\$2,000.00	\$2,000.00	\$92,591.50	\$92,591.50

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TOTAL BID FOR THE HIAWASSEE FORCE MAIN UPGRADES:

I hereby certify this to be a true and accurate tabulation  
of bids received by the City of Hiawassee, Georgia  
on February 18th, 2010 at 2:00 p.m.

Zack Bryan, PE  
Engineering Management, Inc.



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