

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4			
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT			
1	FOR CLEANING AND TELEVISIONING EXISTING SEWERS TO FURTHER EVALUATE THE SEWERS, AS SPECIFIED, ANY REQUIRED CLEANING, ANY LOCATION, ANY LENGTH OF SEWER, COMPLETE IN PLACE, FOR VARIOUS PIPE DIAMETERS.												
A	EXISTING 4" or 6" DIAMETER SERVICE LATERALS			20	EA	\$240.00	\$4,800.00	\$100.00	\$2,000.00	\$400.00	\$8,000.00	\$450.00	\$9,000.00
B	EXISTING 6" DIAMETER MAIN SEWERS			1,000	LF	\$2.20	\$2,200.00	\$2.50	\$2,500.00	\$4.00	\$4,000.00	\$2.50	\$2,500.00
C	EXISTING 8" DIAMETER MAIN SEWERS			40,000	LF	\$3.50	\$140,000.00	\$2.50	\$100,000.00	\$4.25	\$170,000.00	\$2.05	\$82,000.00
D	EXISTING 10" DIAMETER MAIN SEWERS			7,000	LF	\$4.70	\$32,900.00	\$2.50	\$17,500.00	\$4.25	\$29,750.00	\$3.25	\$22,750.00
E	EXISTING 12" DIAMETER MAIN SEWERS			1,000	LF	\$6.00	\$6,000.00	\$2.50	\$2,500.00	\$4.50	\$4,500.00	\$5.25	\$5,250.00
F	EXISTING 15" DIAMETER MAIN SEWERS			1,000	LF	\$7.20	\$7,200.00	\$3.00	\$3,000.00	\$5.00	\$5,000.00	\$6.50	\$6,500.00
2	FOR PERFORMING POINT REPAIRS TO EXISTING GRAVITY SEWERS USING DUCTILE IRON PIPE ONLY (EXCEPT FOR 4" OR 6" SERVICE LATERALS AS NOTED BELOW), REPAIR LENGTH AS SPECIFIED BELOW, VARIOUS PIPE DIAMETERS, VARIOUS DEPTHS OF SEWER, BACKFILL USING EXCAVATED SOIL EXCEPT AS NOTED, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL B, COMPLETE IN PLACE.												
A	REPAIR TO EXIST 4" OR 6" DIAMETER SEWERS (SERVICE LATERALS) USING PVC PIPE												
1)	0 TO 10 FEET DEEP												
(a)	0 TO 6 FEET LONG			5	EA	\$1,600.00	\$8,000.00	\$1,700.00	\$8,500.00	\$1,801.00	\$9,005.00	\$1,620.30	\$8,101.50
(b)	GREATER THAN 6 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 6 FEET, ADD TO ITEM 1(a) ABOVE			10	LF	\$42.00	\$420.00	\$50.00	\$500.00	\$52.21	\$522.10	\$49.90	\$499.00
(c)	COST PER FOOT TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 1(a) AND 1(b) ABOVE)			10	LF	\$12.00	\$120.00	\$10.00	\$100.00	\$305.84	\$3,058.40	\$12.20	\$122.00
(d)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE			10	LF	\$57.00	\$570.00	\$60.00	\$600.00	\$162.29	\$1,622.90	\$66.95	\$669.50
2)	10.1 TO 15 FEET DEEP												
(a)	0 TO 6 FEET LONG			1	EA	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$2,701.50	\$2,701.50	\$3,080.70	\$3,080.70
(b)	GREATER THAN 6 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 6 FEET, ADD TO ITEM 2(a) ABOVE			5	LF	\$47.00	\$235.00	\$75.00	\$375.00	\$82.21	\$411.05	\$56.00	\$280.00
(c)	COST PER FOOT TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 2(a) AND 2(b) ABOVE)			5	LF	\$12.00	\$60.00	\$10.00	\$50.00	\$305.84	\$1,529.20	\$12.20	\$61.00
(d)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE			5	LF	\$87.00	\$435.00	\$140.00	\$700.00	\$243.45	\$1,217.25	\$103.45	\$517.25
3)	15.1 TO 20 FEET DEEP												
(a)	0 TO 6 FEET LONG			1	EA	\$9,850.00	\$9,850.00	\$5,500.00	\$5,500.00	\$3,602.00	\$3,602.00	\$6,001.50	\$6,001.50
(b)	GREATER THAN 6 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 6 FEET, ADD TO ITEM 3(a) ABOVE			5	LF	\$77.00	\$385.00	\$150.00	\$750.00	\$82.21	\$411.05	\$91.30	\$456.50
(c)	COST PER FOOT TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 3(a) AND 3(b) ABOVE)			5	LF	\$12.00	\$60.00	\$10.00	\$50.00	\$305.84	\$1,529.20	\$12.20	\$61.00

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(d)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) AND 3(b) ABOVE	5	LF	\$112.00	\$560.00	\$250.00	\$1,250.00	\$324.60	\$1,623.00	\$133.90	\$669.50
B	REPAIR TO EXIST 8" DIAMETER SEWERS										
1)	0 TO 10 FEET DEEP										
(a)	0 TO 12 FEET LONG	50	EA	\$2,600.00	\$130,000.00	\$2,600.00	\$130,000.00	\$1,835.00	\$91,750.00	\$3,080.70	\$154,035.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 1(a) ABOVE	250	LF	\$80.00	\$20,000.00	\$100.00	\$25,000.00	\$55.00	\$13,750.00	\$91.30	\$22,825.00
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE	250	LF	\$60.00	\$15,000.00	\$100.00	\$25,000.00	\$200.00	\$50,000.00	\$66.95	\$16,737.50
2)	10.1 TO 15 FEET DEEP										
(a)	0 TO 12 FEET LONG	10	EA	\$3,770.00	\$37,700.00	\$3,500.00	\$35,000.00	\$2,886.00	\$28,860.00	\$4,054.30	\$40,543.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 2(a) ABOVE	50	LF	\$92.00	\$4,600.00	\$120.00	\$6,000.00	\$88.30	\$4,415.00	\$103.45	\$5,172.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE	50	LF	\$92.00	\$4,600.00	\$150.00	\$7,500.00	\$300.00	\$15,000.00	\$103.45	\$5,172.50
3)	15.1 TO 20 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$5,772.00	\$5,772.00	\$6,001.50	\$6,001.50
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 3(a) ABOVE	5	LF	\$127.00	\$635.00	\$150.00	\$750.00	\$236.70	\$1,183.50	\$152.15	\$760.75
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) AND 3(b) ABOVE	5	LF	\$112.00	\$560.00	\$200.00	\$1,000.00	\$400.00	\$2,000.00	\$133.90	\$669.50
4)	20.1 TO 25 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$7,675.00	\$7,675.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$8,435.50	\$8,435.50
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 4(a) ABOVE	5	LF	\$202.00	\$1,010.00	\$250.00	\$1,250.00	\$325.00	\$1,625.00	\$243.40	\$1,217.00
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 4(a) AND 4(b) ABOVE	5	LF	\$167.00	\$835.00	\$250.00	\$1,250.00	\$450.00	\$2,250.00	\$200.80	\$1,004.00
C	REPAIR TO EXIST 10" DIAMETER SEWERS										
1)	0 TO 10 FEET DEEP										
(a)	0 TO 12 FEET LONG	25	EA	\$3,010.00	\$75,250.00	\$3,200.00	\$80,000.00	\$1,891.00	\$47,275.00	\$3,202.40	\$80,060.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 1(a) ABOVE	100	LF	\$102.00	\$10,200.00	\$120.00	\$12,000.00	\$73.00	\$7,300.00	\$121.70	\$12,170.00
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE	100	LF	\$60.00	\$6,000.00	\$120.00	\$12,000.00	\$200.00	\$20,000.00	\$70.60	\$7,060.00
2)	10.1 TO 15 FEET DEEP										
(a)	0 TO 12 FEET LONG	5	EA	\$3,985.00	\$19,925.00	\$3,500.00	\$17,500.00	\$2,941.50	\$14,707.50	\$4,297.70	\$21,488.50

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(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 2(a) ABOVE	25	LF	\$121.00	\$3,025.00	\$130.00	\$3,250.00	\$95.80	\$2,395.00	\$144.85	\$3,621.25
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE	25	LF	\$87.00	\$2,175.00	\$150.00	\$3,750.00	\$300.00	\$7,500.00	\$103.45	\$2,586.25
3)	15.1 TO 20 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$5,725.00	\$5,725.00	\$4,500.00	\$4,500.00	\$5,882.00	\$5,882.00	\$6,244.90	\$6,244.90
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 3(a) ABOVE	5	LF	\$147.00	\$735.00	\$160.00	\$800.00	\$247.60	\$1,238.00	\$176.50	\$882.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) AND 3(b) ABOVE	5	LF	\$122.00	\$610.00	\$200.00	\$1,000.00	\$400.00	\$2,000.00	\$146.05	\$730.25
4)	20.1 TO 25 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00	\$8,824.00	\$8,824.00	\$8,800.60	\$8,800.60
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 4(a) ABOVE	5	LF	\$207.00	\$1,035.00	\$200.00	\$1,000.00	\$343.40	\$1,717.00	\$249.50	\$1,247.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 4(a) AND 4(b) ABOVE	5	LF	\$132.00	\$660.00	\$400.00	\$2,000.00	\$450.00	\$2,250.00	\$158.25	\$791.25
D	REPAIR TO EXIST 12" DIAMETER SEWERS										
1)	0 TO 10 FEET DEEP										
(a)	0 TO 12 FEET LONG	10	EA	\$3,225.00	\$32,250.00	\$3,500.00	\$35,000.00	\$2,395.00	\$23,950.00	\$4,054.30	\$40,543.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 1(a) ABOVE	50	LF	\$97.00	\$4,850.00	\$120.00	\$6,000.00	\$80.30	\$4,015.00	\$115.65	\$5,782.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE	50	LF	\$87.00	\$4,350.00	\$120.00	\$6,000.00	\$200.00	\$10,000.00	\$103.45	\$5,172.50
2)	10.1 TO 15 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$4,200.00	\$4,200.00	\$4,000.00	\$4,000.00	\$7,245.50	\$7,245.50	\$4,541.10	\$4,541.10
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 2(a) ABOVE	5	LF	\$137.00	\$685.00	\$140.00	\$700.00	\$114.90	\$574.50	\$164.30	\$821.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE	5	LF	\$117.00	\$585.00	\$140.00	\$700.00	\$300.00	\$1,500.00	\$139.95	\$699.75
3)	15.1 TO 20 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$6,860.00	\$6,860.00	\$5,000.00	\$5,000.00	\$11,884.00	\$11,884.00	\$7,522.75	\$7,522.75
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 3(a) ABOVE	5	LF	\$142.00	\$710.00	\$175.00	\$875.00	\$253.30	\$1,266.50	\$170.40	\$852.00
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) AND 3(b) ABOVE	5	LF	\$160.00	\$800.00	\$175.00	\$875.00	\$400.00	\$2,000.00	\$192.30	\$961.50
4)	20.1 TO 25 FEET DEEP										

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(a)	0 TO 12 FEET LONG	1	EA	\$9,850.00	\$9,850.00	\$7,500.00	\$7,500.00	\$19,129.00	\$19,129.00	\$10,869.50	\$10,869.50
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 4(a) ABOVE	5	LF	\$212.00	\$1,060.00	\$220.00	\$1,100.00	\$368.20	\$1,841.00	\$255.60	\$1,278.00
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 4(a) AND 4(b) ABOVE	5	LF	\$165.00	\$825.00	\$400.00	\$2,000.00	\$450.00	\$2,250.00	\$198.40	\$992.00
E	REPAIR TO EXIST 15" DIAMETER SEWERS										
1)	0 TO 10 FEET DEEP										
(a)	0 TO 12 FEET LONG	5	EA	\$4,750.00	\$23,750.00	\$4,000.00	\$20,000.00	\$2,747.50	\$13,737.50	\$5,149.60	\$25,748.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 1(a) ABOVE	25	LF	\$127.00	\$3,175.00	\$150.00	\$3,750.00	\$87.60	\$2,190.00	\$152.15	\$3,803.75
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE	25	LF	\$107.00	\$2,675.00	\$150.00	\$3,750.00	\$200.00	\$5,000.00	\$127.80	\$3,195.00
2)	10.1 TO 15 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$5,070.00	\$5,070.00	\$4,500.00	\$4,500.00	\$5,775.00	\$5,775.00	\$5,514.70	\$5,514.70
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 2(a) ABOVE	5	LF	\$162.00	\$810.00	\$175.00	\$875.00	\$134.00	\$670.00	\$194.75	\$973.75
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE	5	LF	\$117.00	\$585.00	\$175.00	\$875.00	\$300.00	\$1,500.00	\$139.95	\$699.75
3)	15.1 TO 20 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$8,215.00	\$8,215.00	\$6,000.00	\$6,000.00	\$8,522.00	\$8,522.00	\$9,044.00	\$9,044.00
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 3(a) ABOVE	5	LF	\$152.00	\$760.00	\$200.00	\$1,000.00	\$259.00	\$1,295.00	\$182.55	\$912.75
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) AND 3(b) ABOVE	5	LF	\$144.00	\$720.00	\$200.00	\$1,000.00	\$400.00	\$2,000.00	\$172.85	\$864.25
4)	20.1 TO 25 FEET DEEP										
(a)	0 TO 12 FEET LONG	1	EA	\$10,970.00	\$10,970.00	\$8,000.00	\$8,000.00	\$14,297.00	\$14,297.00	\$12,086.50	\$12,086.50
(b)	GREATER THAN 12 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 12 FEET, ADD TO ITEM 4(a) ABOVE	5	LF	\$277.00	\$1,385.00	\$250.00	\$1,250.00	\$393.00	\$1,965.00	\$334.70	\$1,673.50
(c)	COST PER FOOT OF REPAIR TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 4(a) AND 4(b) ABOVE	5	LF	\$180.00	\$900.00	\$400.00	\$2,000.00	\$450.00	\$2,250.00	\$216.65	\$1,083.25
F	INSTALL TEE WITHIN POINT REPAIR SEGMENT AND RECONNECT LATERAL TO TEE (UP TO 6 FEET OF LATERAL)(ANY DEPTH)										
1)	8 INCH TEE	5	EA	\$360.00	\$1,800.00	\$650.00	\$3,250.00	\$364.00	\$1,820.00	\$425.95	\$2,129.75
2)	10 INCH TEE	5	EA	\$460.00	\$2,300.00	\$730.00	\$3,650.00	\$462.12	\$2,310.60	\$574.65	\$2,873.25
3)	12 INCH TEE	5	EA	\$560.00	\$2,800.00	\$975.00	\$4,875.00	\$622.74	\$3,113.70	\$669.35	\$3,346.75
4)	15/16 INCH TEE	5	EA	\$610.00	\$3,050.00	\$1,700.00	\$8,500.00	\$1,605.00	\$8,025.00	\$738.75	\$3,693.75

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3	FOR REPLACING EXISTING SERVICE LATERAL CONNECTIONS AT MAIN SEWER AND INSTALLING NEW LATERAL PIPE TO PROPERTY LINE VIA EXCAVATION, CONNECTION TO BE DUCTILE IRON PIPE ONLY IF BEFORE CIPP OR IF NO CIPP, CONNECTION TO BE STRAP-ON SADDLE ONLY IF AFTER CIPP OR AFTER PIPE BURSTING, LATERAL PIPE TO BE PVC OR DUCTILE IRON AS NOTED, CONNECTIONS TO VARIOUS SIZE MAIN SEWERS, VARIOUS LATERAL DEPTHS, BACKFILLING WITH EXCAVATED SOIL EXCEPT AS NOTED, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL E, COMPLETE IN PLACE. ITEM TO BE PAID FOR SERVICE LATERAL WORK ONLY.										
A	NEW CONNECTION AND 6 FEET OF NEW LATERAL PIPE (PVC OR DIP AS NOTED) INCLUDING ALL REQUIRED FITTINGS AND CONNECTION TO EXISTING LATERAL PIPE WHEN REQUIRED										
1)	LATERAL 0 TO 10 FEET DEEP AT THE MAIN SEWER										
(a)	DIP TEE CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	10	EA	\$1,950.00	\$19,500.00	\$3,000.00	\$30,000.00	\$4,405.00	\$44,050.00	\$2,312.30	\$23,123.00
(b)	DIP TEE CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$2,400.00	\$2,400.00	\$4,000.00	\$4,000.00	\$4,755.00	\$4,755.00	\$2,859.95	\$2,859.95
(c)	DIP TEE CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$3,150.00	\$3,150.00	\$5,000.00	\$5,000.00	\$5,246.00	\$5,246.00	\$3,772.70	\$3,772.70
(d)	STRAP-ON CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	10	EA	\$1,250.00	\$12,500.00	\$2,000.00	\$20,000.00	\$4,650.00	\$46,500.00	\$1,460.40	\$14,604.00
(e)	STRAP-ON CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$1,450.00	\$1,450.00	\$2,500.00	\$2,500.00	\$4,854.00	\$4,854.00	\$1,703.80	\$1,703.80
(f)	STRAP-ON CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$2,650.00	\$2,650.00	\$3,000.00	\$3,000.00	\$5,021.00	\$5,021.00	\$3,164.20	\$3,164.20
(g)	ADD-ON COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 1(a) THROUGH 1(f) ABOVE)	10	EA	\$105.00	\$1,050.00	\$175.00	\$1,750.00	\$100.00	\$1,000.00	\$121.70	\$1,217.00
(h)	COST PER SERVICE CONNECTION TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) THROUGH 1(f) ABOVE	10	EA	\$405.00	\$4,050.00	\$1,000.00	\$10,000.00	\$250.00	\$2,500.00	\$486.80	\$4,868.00
2)	LATERAL 10.1 TO 15 FEET DEEP AT THE MAIN SEWER										
(a)	DIP TEE CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$2,950.00	\$2,950.00	\$3,500.00	\$3,500.00	\$4,780.00	\$4,780.00	\$3,529.30	\$3,529.30
(b)	DIP TEE CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$3,150.00	\$3,150.00	\$4,500.00	\$4,500.00	\$5,080.00	\$5,080.00	\$3,772.70	\$3,772.70
(c)	DIP TEE CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$6,150.00	\$6,150.00	\$6,000.00	\$6,000.00	\$5,571.00	\$5,571.00	\$7,423.70	\$7,423.70
(d)	STRAP-ON CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$2,950.00	\$2,950.00	\$2,500.00	\$2,500.00	\$5,025.00	\$5,025.00	\$3,529.30	\$3,529.30

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
(e)	STRAP-ON CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,179.00	\$5,179.00	\$3,590.15	\$3,590.15
(f)	STRAP-ON CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$3,150.00	\$3,150.00	\$2,500.00	\$2,500.00	\$5,571.00	\$5,571.00	\$3,772.70	\$3,772.70
(g)	ADD-ON COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 2(a) THROUGH 2(f) ABOVE)	1	EA	\$105.00	\$105.00	\$250.00	\$250.00	\$250.00	\$250.00	\$121.70	\$121.70
(h)	COST PER SERVICE CONNECTION TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) THROUGH 2(f) ABOVE	1	EA	\$605.00	\$605.00	\$2,500.00	\$2,500.00	\$400.00	\$400.00	\$730.20	\$730.20
3)	LATERAL 15.1 TO 20 FEET DEEP AT THE MAIN SEWER										
(a)	DIP TEE CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$3,550.00	\$3,550.00	\$5,000.00	\$5,000.00	\$5,530.00	\$5,530.00	\$4,259.50	\$4,259.50
(b)	DIP TEE CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$4,250.00	\$4,250.00	\$6,000.00	\$6,000.00	\$5,830.00	\$5,830.00	\$5,111.40	\$5,111.40
(c)	DIP TEE CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL					\$7,500.00		\$6,321.00			
(d)	STRAP-ON CONNECTION TO EXIST 6" TO 8" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$5,150.00	\$5,150.00	\$4,800.00	\$4,800.00	\$5,775.00	\$5,775.00	\$6,206.70	\$6,206.70
(e)	STRAP-ON CONNECTION TO EXIST 10" TO 12" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL	1	EA	\$5,200.00	\$5,200.00	\$4,800.00	\$4,800.00	\$5,929.00	\$5,929.00	\$6,267.55	\$6,267.55
(f)	STRAP-ON CONNECTION TO EXIST 15" MAIN SEWER WITH 6 FEET OF NEW 4" OR 6" PVC LATERAL					\$5,000.00		\$6,321.00			
(g)	ADD-ON COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 3(a) THROUGH 3(f) ABOVE)	1	EA	\$105.00	\$105.00	\$275.00	\$275.00	\$100.00	\$100.00	\$121.70	\$121.70
(h)	COST PER SERVICE CONNECTION TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 3(a) THROUGH 3(f) ABOVE	1	EA	\$705.00	\$705.00	\$3,000.00	\$3,000.00	\$600.00	\$600.00	\$851.90	\$851.90
B	NEW LATERAL PIPE FROM END OF TEE CONNECTION AND 6 FEET OF PIPE PAID UNDER ITEM 3A TO THE TERMINATION POINT AS SPECIFIED BY THE ENGINEER, OR NEW LATERAL INSTALLATION INTO A NEW OR EXISTING MANHOLE, INCLUDING ALL REQUIRED FITTINGS, VARIOUS PIPE DIAMETERS AND MATERIALS, VARIOUS LATERAL DEPTHS										
1)	LATERAL PIPE 0 TO 10 FEET DEEP										
(a)	4" PVC LATERAL PIPE	50	LF	\$27.00	\$1,350.00	\$40.00	\$2,000.00	\$35.50	\$1,775.00	\$30.45	\$1,522.50
(b)	6" PVC LATERAL PIPE	10	LF	\$33.00	\$330.00	\$42.00	\$420.00	\$43.00	\$430.00	\$36.55	\$365.50
(c)	ADD-ON COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 1(a) AND 1(b) ABOVE)	25	LF	\$7.00	\$175.00	\$12.00	\$300.00	\$10.50	\$262.50	\$7.30	\$182.50
(d)	COST PER FOOT OF NEW LATERAL PIPE TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 1(a) AND 1(b) ABOVE	10	LF	\$25.50	\$255.00	\$60.00	\$600.00	\$27.50	\$275.00	\$30.45	\$304.50
2)	LATERAL PIPE 10 TO 15 FEET DEEP										
(a)	4" PVC LATERAL PIPE	10	LF	\$50.00	\$500.00	\$50.00	\$500.00	\$54.50	\$545.00	\$54.80	\$548.00

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
(b)	6" PVC LATERAL PIPE	5	LF	\$55.00	\$275.00	\$55.00	\$275.00	\$58.00	\$290.00	\$60.85	\$304.25
(c)	ADD-ON COST TO USE PRESSURE CLASS 350 DIP FOR THE LATERAL INSTEAD OF PVC (ADD ON TO ITEMS 2(a) AND 2(b) ABOVE)	5	LF	\$7.00	\$35.00	\$12.00	\$60.00	\$8.00	\$40.00	\$7.30	\$36.50
(d)	COST PER FOOT OF NEW LATERAL PIPE TO REMOVE EXCAVATED SOIL AND BACKFILL WITH IMPORTED ABC STONE OR PIT GRAVEL UNDER PAVED ROADS, ADD TO ITEMS 2(a) AND 2(b) ABOVE	5	LF	\$35.50	\$177.50	\$140.00	\$700.00	\$250.00	\$1,250.00	\$42.60	\$213.00
C	CLEANOUT AT END OF NEW LATERAL PIPE PAID UNDER ITEM 3B WHERE REQUIRED BY THE ENGINEER, ANY DEPTH, VARIOUS PIPE DIAMETERS										
1)	CLEANOUT FOR 4" PVC LATERAL PIPE	15	EA	\$290.00	\$4,350.00	\$350.00	\$5,250.00	\$375.00	\$5,625.00	\$334.70	\$5,020.50
2)	CLEANOUT FOR 6" PVC LATERAL PIPE	1	EA	\$315.00	\$315.00	\$450.00	\$450.00	\$387.50	\$387.50	\$365.10	\$365.10
3)	CLEANOUT FOR 4" DUCTILE IRON LATERAL PIPE	5	EA	\$540.00	\$2,700.00	\$700.00	\$3,500.00	\$500.00	\$2,500.00	\$620.70	\$3,103.50
4)	CLEANOUT FOR 6" DUCTILE IRON LATERAL PIPE	1	EA	\$580.00	\$580.00	\$800.00	\$800.00	\$525.00	\$525.00	\$669.35	\$669.35
D	CONNECTION OF NEW LATERAL PIPE TO EXISTING OR NEW MANHOLE, INCLUDING PERFORMING CORE DRILLING AND SEALING CONNECTION WITH NON-SHRINK GROUT AND AN EXTERNAL CONCRETE COLLAR, COST PER CONNECTION, ANY DEPTH, ANY LATERAL DIAMETER AND PIPE MATERIAL.	3	EA	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$1,850.00	\$5,550.00	\$1,156.15	\$3,468.45
4	FOR INSTALLING NEW SEWERS TO REPLACE EXISTING SEWERS FROM MANHOLE TO MANHOLE, EITHER IN THE SAME TRENCH OR IN NEW LOCATIONS, VARIOUS DIAMETERS AS SPECIFIED BELOW, VARIOUS DEPTHS, BACKFILLING WITH EXCAVATED SOIL, ALL SPECIFIED BEDDING REQUIREMENTS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	NEW 8" SEWER										
1)	0 TO 6 FEET DEEP	100	LF	\$72.00	\$7,200.00	\$50.00	\$5,000.00	\$41.20	\$4,120.00	\$115.65	\$11,565.00
2)	6.1 TO 8 FEET DEEP	75	LF	\$77.00	\$5,775.00	\$55.00	\$4,125.00	\$50.10	\$3,757.50	\$121.70	\$9,127.50
3)	8.1 TO 10 FEET DEEP	50	LF	\$83.00	\$4,150.00	\$65.00	\$3,250.00	\$64.00	\$3,200.00	\$127.80	\$6,390.00
4)	10.1 TO 12 FEET DEEP	25	LF	\$88.00	\$2,200.00	\$75.00	\$1,875.00	\$75.50	\$1,887.50	\$133.90	\$3,347.50
5)	12.1 TO 14 FEET DEEP	10	LF	\$104.00	\$1,040.00	\$100.00	\$1,000.00	\$91.50	\$915.00	\$133.90	\$1,339.00
6)	14.1 TO 16 FEET DEEP	10	LF	\$115.00	\$1,150.00	\$110.00	\$1,100.00	\$107.00	\$1,070.00	\$139.95	\$1,399.50
7)	16.1 TO 18 FEET DEEP	10	LF	\$125.00	\$1,250.00	\$120.00	\$1,200.00	\$118.50	\$1,185.00	\$146.05	\$1,460.50
8)	18.1 TO 20 FEET DEEP	10	LF	\$158.00	\$1,580.00	\$150.00	\$1,500.00	\$132.00	\$1,320.00	\$170.40	\$1,704.00
B	NEW 10" SEWER										
1)	0 TO 6 FEET DEEP	100	LF	\$72.00	\$7,200.00	\$55.00	\$5,500.00	\$43.95	\$4,395.00	\$115.61	\$11,561.00
2)	6.1 TO 8 FEET DEEP	75	LF	\$77.00	\$5,775.00	\$60.00	\$4,500.00	\$53.10	\$3,982.50	\$127.10	\$9,532.50
3)	8.1 TO 10 FEET DEEP	50	LF	\$83.00	\$4,150.00	\$75.00	\$3,750.00	\$67.25	\$3,362.50	\$127.70	\$6,385.00
4)	10.1 TO 12 FEET DEEP	25	LF	\$88.00	\$2,200.00	\$85.00	\$2,125.00	\$78.75	\$1,968.75	\$133.90	\$3,347.50
5)	12.1 TO 14 FEET DEEP	10	LF	\$104.00	\$1,040.00	\$110.00	\$1,100.00	\$94.75	\$947.50	\$139.95	\$1,399.50
6)	14.1 TO 16 FEET DEEP	10	LF	\$115.00	\$1,150.00	\$120.00	\$1,200.00	\$110.25	\$1,102.50	\$146.05	\$1,460.50
7)	16.1 TO 18 FEET DEEP	10	LF	\$125.00	\$1,250.00	\$130.00	\$1,300.00	\$121.75	\$1,217.50	\$152.15	\$1,521.50
8)	18.1 TO 20 FEET DEEP	10	LF	\$150.00	\$1,500.00	\$160.00	\$1,600.00	\$135.25	\$1,352.50	\$158.25	\$1,582.50
C.	NEW 12" SEWER										

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
1)	0 TO 6 FEET DEEP	100	LF	\$77.00	\$7,700.00	\$65.00	\$6,500.00	\$50.30	\$5,030.00	\$127.10	\$12,710.00
2)	6.1 TO 8 FEET DEEP	75	LF	\$83.00	\$6,225.00	\$70.00	\$5,250.00	\$60.90	\$4,567.50	\$127.70	\$9,577.50
3)	8.1 TO 10 FEET DEEP	50	LF	\$88.00	\$4,400.00	\$85.00	\$4,250.00	\$76.50	\$3,825.00	\$133.90	\$6,695.00
4)	10.1 TO 12 FEET DEEP	25	LF	\$95.00	\$2,375.00	\$95.00	\$2,375.00	\$90.50	\$2,262.50	\$139.95	\$3,498.75
5)	12.1 TO 14 FEET DEEP	10	LF	\$115.00	\$1,150.00	\$120.00	\$1,200.00	\$109.00	\$1,090.00	\$146.05	\$1,460.50
6)	14.1 TO 16 FEET DEEP	10	LF	\$125.00	\$1,250.00	\$130.00	\$1,300.00	\$127.00	\$1,270.00	\$152.15	\$1,521.50
7)	16.1 TO 18 FEET DEEP	10	LF	\$137.00	\$1,370.00	\$140.00	\$1,400.00	\$141.00	\$1,410.00	\$164.30	\$1,643.00
8)	18.1 TO 20 FEET DEEP	10	LF	\$160.00	\$1,600.00	\$170.00	\$1,700.00	\$157.00	\$1,570.00	\$200.80	\$2,008.00
D	FOR SUBSTITUTING DUCTILE IRON PIPE (PRESSURE CLASS 350) FOR ANY SEWER INCLUDED IN THE CONTRACT, AS SPECIFIED, COMPLETE IN PLACE										
1)	8" SEWER	100	LF	\$25.00	\$2,500.00	\$12.00	\$1,200.00	\$12.00	\$1,200.00	\$25.60	\$2,560.00
2)	10" SEWER	100	LF	\$35.00	\$3,500.00	\$15.00	\$1,500.00	\$13.00	\$1,300.00	\$36.55	\$3,655.00
3)	12" SEWER	100	LF	\$45.00	\$4,500.00	\$18.00	\$1,800.00	\$11.05	\$1,105.00	\$48.70	\$4,870.00
E	INSTALL TEE AND RECONNECT LATERAL TO TEE (UP TO 6 FEET OF LATERAL)(ANY DEPTH)										
1)	8" TEE	5	EA	\$750.00	\$3,750.00	\$800.00	\$4,000.00	\$378.78	\$1,893.90	\$425.95	\$2,129.75
2)	10" TEE	5	EA	\$825.00	\$4,125.00	\$875.00	\$4,375.00	\$526.44	\$2,632.20	\$547.65	\$2,738.25
3)	12" TEE	5	EA	\$925.00	\$4,625.00	\$1,200.00	\$6,000.00	\$644.14	\$3,220.70	\$669.35	\$3,346.75
5	FOR INSTALLING NEW PRECAST CONCRETE MANHOLES WITH A CONE SECTION TOP ON EXIST OR NEW SEWERS, VARIOUS DEPTHS AND SIZES OF SEWERS, COMPLETE RESTORATION, AS SPECIFIED, COMPLETE IN PLACE.										
A	4 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS										
1)	WITH 24" SOLID COVER	3	EA	\$3,700.00	\$11,100.00	\$3,200.00	\$9,600.00	\$2,750.00	\$8,250.00	\$4,137.80	\$12,413.40
2)	WITH 24" CAM-LOCK WATERTIGHT COVER	1	EA	\$3,800.00	\$3,800.00	\$3,300.00	\$3,300.00	\$2,850.00	\$2,850.00	\$4,381.20	\$4,381.20
3)	ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON TO ITEMS 5(A)(1) AND 5(A)(2) ABOVE)	1	EA	\$1,550.00	\$1,550.00	\$1,900.00	\$1,900.00	\$1,000.00	\$1,000.00	\$2,434.00	\$2,434.00
4)	PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS 5(A)(1) AND 5(A)(2) ABOVE)	15	VF	\$325.00	\$4,875.00	\$375.00	\$5,625.00	\$75.00	\$1,125.00	\$425.95	\$6,389.25
5)	PAYMENT FOR EACH VERTICAL FOOT IF MANHOLE IS PVC LINED (ADD ON TO ITEMS 5(A)(1) AND 5(A)(2) ABOVE)	10	VF	\$580.00	\$5,800.00	\$240.00	\$2,400.00	\$600.00	\$6,000.00	\$669.35	\$6,693.50
6)	ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON TO ITEMS 5(A)(1) AND 5(A)(2) ABOVE)	1	EA	\$515.00	\$515.00	\$550.00	\$550.00	\$556.94	\$556.94	\$596.35	\$596.35
B	5 FOOT DIAMETER MANHOLE UP TO 6 FEET IN DEPTH IN UNPAVED AREAS										
1)	24" SOLID COVER	1	EA	\$4,015.00	\$4,015.00	\$3,500.00	\$3,500.00	\$3,100.00	\$3,100.00	\$4,624.60	\$4,624.60
2)	24" CAM-LOCK WATERTIGHT COVER	1	EA	\$4,175.00	\$4,175.00	\$3,700.00	\$3,700.00	\$3,200.00	\$3,200.00	\$4,807.15	\$4,807.15
3)	ADD ON COST IF MANHOLE IS IN PAVED AREA (ADD ON TO ITEMS 5(B)(1) AND 5(B)(2) ABOVE)	1	EA	\$1,580.00	\$1,580.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00	\$2,677.40	\$2,677.40
4)	PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET (ADD ON TO ITEMS 5(B)(1) AND 5(B)(2) ABOVE)	10	VF	\$365.00	\$3,650.00	\$425.00	\$4,250.00	\$325.00	\$3,250.00	\$486.80	\$4,868.00
5)	PAYMENT FOR EACH VERTICAL FOOT IF MANHOLE IS PVC LINED (ADD ON TO ITEMS 5(B)(1) AND 5(B)(2) ABOVE)	10	VF	\$620.00	\$6,200.00	\$325.00	\$3,250.00	\$600.00	\$6,000.00	\$718.05	\$7,180.50

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
6)	ADD ON COST IF MANHOLE IS A FLAT-TOP (ADD ON TO ITEMS 5(B)(1) AND 5(B)(2) ABOVE)	1	EA	\$535.00	\$535.00	\$750.00	\$750.00	\$650.00	\$650.00	\$620.70	\$620.70
8	FOR REMOVING EXISTING MANHOLE CHIMNEY OR CONE SECTIONS DOWN TO SOLID WALL MATERIAL AND INSTALLING NEW PRECAST CONCRETE MANHOLE RISER SECTIONS TO THE SPECIFIED ELEVATION, INSTALLING A FLAT-TOP SECTION OR A STANDARD CONE SECTION AS SPECIFIED, VARIOUS MANHOLE DIAMETERS AS LISTED BELOW, ANY LOCATION, ANY HEIGHT OF NEW MANHOLE RISER SECTIONS REQUIRED, BACKFILLING WITH EXCAVATED SOIL, REMOVAL AND DISPOSAL OF ALL EXISTING MATERIALS OFF-SITE, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED AND IN ACCORDANCE WITH DETAIL C, COMPLETE IN PLACE.										
A	EXISTING 4-FOOT-DIAMETER MANHOLES										
1)	REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 4-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED	200	VF	\$325.00	\$65,000.00	\$340.00	\$68,000.00	\$260.00	\$52,000.00	\$383.35	\$76,670.00
2)	INSTALL FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER	50	EA	\$1,270.00	\$63,500.00	\$1,250.00	\$62,500.00	\$1,200.00	\$60,000.00	\$1,460.40	\$73,020.00
3)	INSTALL 3-FOOT-LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER	1	EA	\$1,600.00	\$1,600.00	\$1,800.00	\$1,800.00	\$1,350.00	\$1,350.00	\$1,825.50	\$1,825.50
B	EXISTING 5-FOOT-DIAMETER MANHOLES										
1)	REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 5-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED	500	VF	\$450.00	\$225,000.00	\$398.00	\$199,000.00	\$337.50	\$168,750.00	\$498.97	\$249,485.00
2)	INSTALL FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER	1	EA	\$1,700.00	\$1,700.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$1,947.20	\$1,947.20
3)	INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER	75	EA	\$2,060.00	\$154,500.00	\$1,800.00	\$135,000.00	\$1,750.00	\$131,250.00	\$2,373.15	\$177,986.25
4)	INSTALL 4-FOOT-LONG CONE SECTION WITH A 24" CAM-LOCK WATERTIGHT COVER	1	EA	\$2,220.00	\$2,220.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$2,555.70	\$2,555.70
C	EXISTING 6-FOOT-DIAMETER MANHOLES										
1)	REMOVE EXISTING MANHOLE CHIMNEY OR CONE SECTION AND INSTALL NEW 6-FOOT-DIAMETER RISER SECTIONS TO THE SPECIFIED OR REQUIRED ELEVATION, PAYMENT FOR EACH VERTICAL FOOT OF NEW PRECAST RISER INSTALLED	100	VF	\$500.00	\$50,000.00	\$475.00	\$47,500.00	\$375.00	\$37,500.00	\$608.50	\$60,850.00
2)	INSTALL FLAT-TOP WITH A 24" CAM-LOCK WATERTIGHT COVER	1	EA	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00	\$2,190.60	\$2,190.60
3)	INSTALL FLAT-TOP WITH A 30" CAM-LOCK WATERTIGHT COVER	5	EA	\$2,220.00	\$11,100.00	\$2,500.00	\$12,500.00	\$2,350.00	\$11,750.00	\$2,555.70	\$12,778.50
7	FOR INSTALLING NEW VENT PIPES AT MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE. PAYMENT TO BE MADE BASED ON THE VERTICAL HEIGHT INSTALLED MEASURED FROM THE BOTTOM OF THE VENT PIPE TO THE VENT PIPE OPENING.										

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
A	FOR INSTALLING NEW VENT PIPES IN NEW FLAT-TOP SECTIONS, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH CMU STANDARD SPECIFICATIONS AND DETAILS.	1,000	VF	\$55.00	\$55,000.00	\$100.00	\$100,000.00	\$62.50	\$62,500.00	\$64.50	\$64,500.00
B	FOR INSTALLING NEW VENT PIPES AT EXISTING MANHOLES, ANY LOCATION, ANY HEIGHT, AS SPECIFIED AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS, COMPLETE IN PLACE.	25	VF	\$98.00	\$2,450.00	\$215.00	\$5,375.00	\$612.50	\$15,312.50	\$113.20	\$2,830.00
8	FOR INSTALLING 1" THICK CEMENTITIOUS MORTAR ON EXISTING MANHOLE WALLS & BENCHES, AS SPECIFIED AND IN ACCORDANCE WITH DETAIL A, ANY LOCATION, COMPLETE IN PLACE.										
A	IN EXISTING 4-FOOT-DIAMETER MANHOLES										
1)	ANY SPECIFIED MATERIAL	400	VF	\$133.00	\$53,200.00	\$150.00	\$60,000.00	\$170.00	\$68,000.00	\$194.20	\$77,680.00
2)	HYDROGEN-SULFIDE RESISTANT MATERIAL, AS SPECIFIED	400	VF	\$140.00	\$56,000.00	\$165.00	\$66,000.00	\$200.00	\$80,000.00	\$219.06	\$87,624.00
B	IN EXISTING 5-FOOT-DIAMETER MANHOLES										
1)	ANY SPECIFIED MATERIAL	5	VF	\$140.00	\$700.00	\$160.00	\$800.00	\$200.00	\$1,000.00	\$225.15	\$1,125.75
2)	HYDROGEN-SULFIDE RESISTANT MATERIAL, AS SPECIFIED	400	VF	\$142.00	\$56,800.00	\$165.00	\$66,000.00	\$211.50	\$84,600.00	\$249.50	\$99,800.00
C	IN EXISTING 6-FOOT-DIAMETER MANHOLES										
1)	ANY SPECIFIED MATERIAL	5	VF	\$143.00	\$715.00	\$170.00	\$850.00	\$250.00	\$1,250.00	\$261.65	\$1,308.25
2)	HYDROGEN-SULFIDE RESISTANT MATERIAL, AS SPECIFIED	100	VF	\$150.00	\$15,000.00	\$175.00	\$17,500.00	\$300.00	\$30,000.00	\$298.20	\$29,820.00
9	FOR INSTALLING AN EPOXY OR POLYURETHANE LINING PRODUCT ON EXISTING MANHOLE WALLS & BENCHES, AS SPECIFIED AND PER THE LIMITS SPECIFIED ON DETAIL A, ANY LOCATION, COMPLETE IN PLACE.										
A	IN EXISTING 4-FOOT-DIAMETER MANHOLES	10	VF	\$300.00	\$3,000.00	\$275.00	\$2,750.00	\$210.00	\$2,100.00	\$180.15	\$1,801.50
B	IN EXISTING 5-FOOT-DIAMETER MANHOLES	10	VF	\$350.00	\$3,500.00	\$285.00	\$2,850.00	\$225.00	\$2,250.00	\$216.65	\$2,166.50
C	IN EXISTING 6-FOOT-DIAMETER MANHOLES	10	VF	\$400.00	\$4,000.00	\$300.00	\$3,000.00	\$240.00	\$2,400.00	\$253.15	\$2,531.50
10	FOR RESETTING EXISTING FRAMES AND COVERS AS SPECIFIED, INCLUDING COMPLETE RESTORATION OF PAVED OR UNPAVED AREAS AS SPECIFIED AND IN ACCORDANCE WITH DETAIL G, COMPLETE IN PLACE.										
A	MANHOLES IN PAVED AREAS	1	EA	\$630.00	\$630.00	\$1,200.00	\$1,200.00	\$688.50	\$688.50	\$730.20	\$730.20
B	MANHOLES IN UNPAVED AREAS	15	EA	\$210.00	\$3,150.00	\$500.00	\$7,500.00	\$362.50	\$5,437.50	\$486.80	\$7,302.00
11	FOR REPLACING EXISTING MANHOLE FRAMES AND COVERS WITH NEW CAM-LOCK WATERTIGHT FRAMES AND COVERS, AS SPECIFIED, INCLUDING COMPLETE RESTORATION OF PAVED OR UNPAVED AREAS AS SPECIFIED AND IN ACCORDANCE WITH DETAIL G, COMPLETE IN PLACE.										
A	24-INCH-DIAMETER COVERS IN PAVED AREAS	1	EA	\$1,050.00	\$1,050.00	\$1,350.00	\$1,350.00	\$1,000.00	\$1,000.00	\$1,217.00	\$1,217.00
1)	ADD-ON COST TO FURNISH AND INSTALL A 30-INCH-DIAMETER CAM-LOCK WATERTIGHT FRAME AND COVER (ADD ON TO ITEM 11(A) ABOVE)	1	EA	\$210.00	\$210.00	\$100.00	\$100.00	\$1,300.00	\$1,300.00	\$243.40	\$243.40
B	24-INCH-DIAMETER COVERS IN UNPAVED AREAS	250	EA	\$610.00	\$152,500.00	\$800.00	\$200,000.00	\$750.00	\$187,500.00	\$851.90	\$212,975.00
1)	ADD-ON COST TO FURNISH AND INSTALL A 30-INCH-DIAMETER CAM-LOCK WATERTIGHT FRAME AND COVER (ADD ON TO ITEM 11(B) ABOVE)	10	EA	\$210.00	\$2,100.00	\$110.00	\$1,100.00	\$1,050.00	\$10,500.00	\$243.90	\$2,439.00

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
12	FOR REPLACING EXISTING MANHOLE FRAMES AND COVERS WITH NEW 24-INCH-DIAMETER SOLID FRAMES AND COVERS (NO VENT HOLES OR PENETRATING PICK HOLES), AS SPECIFIED, INCLUDING COMPLETE RESTORATION OF PAVED OR UNPAVED AREAS AS SPECIFIED AND IN ACCORDANCE WITH DETAIL G, COMPLETE IN PLACE.										
A	MANHOLES IN PAVED AREAS	50	EA	\$900.00	\$45,000.00	\$1,250.00	\$62,500.00	\$900.00	\$45,000.00	\$1,034.45	\$51,722.50
B	MANHOLES IN UNPAVED AREAS	100	EA	\$500.00	\$50,000.00	\$700.00	\$70,000.00	\$700.00	\$70,000.00	\$547.65	\$54,765.00
13	FOR 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 AS SPECIFIED AND IN ACCORDANCE WITH DETAIL G, COMPLETE IN PLACE.										
A	MANHOLES IN PAVED AREAS										
1)	0 TO 1 VERTICAL FOOT	15	EA	\$650.00	\$9,750.00	\$850.00	\$12,750.00	\$950.00	\$14,250.00	\$730.20	\$10,953.00
2)	GREATER THAN 1 VERTICAL FOOT, PAYMENT FOR EACH FOOT OVER 1 VERTICAL FOOT, ADD TO ITEM 13(a)(1) ABOVE	5	VF	\$175.00	\$875.00	\$370.00	\$1,850.00	\$723.00	\$3,615.00	\$182.55	\$912.75
B	MANHOLES IN UNPAVED AREAS										
1)	0 TO 1 VERTICAL FOOT	50	EA	\$325.00	\$16,250.00	\$365.00	\$18,250.00	\$450.00	\$22,500.00	\$365.10	\$18,255.00
2)	GREATER THAN 1 VERTICAL FOOT, PAYMENT FOR EACH FOOT OVER 1 VERTICAL FOOT, ADD TO ITEM 13(b)(1) ABOVE	50	VF	\$125.00	\$6,250.00	\$365.00	\$18,250.00	\$250.00	\$12,500.00	\$133.90	\$6,695.00
14	FOR REBUILDING EXISTING MANHOLE BENCHES AND INVERT CHANNELS, ANY CONFIGURATION, INCLUDING BYPASS PUMPING, AS SPECIFIED, COMPLETE IN PLACE.										
A	IN EXIST 4-FOOT-DIAMETER MANHOLES	75	EA	\$275.00	\$20,625.00	\$340.00	\$25,500.00	\$340.00	\$25,500.00	\$365.10	\$27,382.50
B	IN EXIST 5-FOOT-DIAMETER MANHOLES	50	EA	\$300.00	\$15,000.00	\$375.00	\$18,750.00	\$365.00	\$18,250.00	\$456.40	\$22,820.00
15	FOR PLUGGING EXISTING ABANDONED/INACTIVE SEWERS CONNECTING TO MANHOLES, PIPE DIAMETER AS NOTED, AS SPECIFIED, COMPLETE IN PLACE.										
A	EXIST 4-INCH TO 8-INCH-DIAMETER SEWERS	3	EA	\$115.00	\$345.00	\$50.00	\$150.00	\$107.00	\$321.00	\$121.70	\$365.10
B	EXIST 10-INCH TO 15-INCH-DIAMETER SEWERS	1	EA	\$210.00	\$210.00	\$75.00	\$75.00	\$175.00	\$175.00	\$243.40	\$243.40
16	FOR ABANDONING EXISTING MANHOLES IN PLACE BY REMOVING THE MANHOLE TO 3 FEET BELOW GRADE, PLUGGING CONNECTING PIPES WITH CONCRETE, AND FILLING MANHOLE WITH IMPORTED STONE, IMPORTING SOIL AS NECESSARY FOR FINAL RESTORATION, VARIOUS MANHOLE DIAMETERS, COMPLETE IN PLACE, INCLUDING COMPLETE RESTORATION.										
A	EXIST 4-FOOT-DIAMETER MANHOLES										
1)	MANHOLES IN UNPAVED AREAS	1	EA	\$515.00	\$515.00	\$750.00	\$750.00	\$702.00	\$702.00	\$596.35	\$596.35
2)	MANHOLES IN PAVED AREAS	1	EA	\$900.00	\$900.00	\$1,000.00	\$1,000.00	\$875.00	\$875.00	\$1,034.45	\$1,034.45
B	EXIST 5-FOOT-DIAMETER MANHOLES										
1)	MANHOLES IN UNPAVED AREAS	1	EA	\$525.00	\$525.00	\$800.00	\$800.00	\$711.00	\$711.00	\$608.50	\$608.50
2)	MANHOLES IN PAVED AREAS	1	EA	\$950.00	\$950.00	\$1,200.00	\$1,200.00	\$1,025.00	\$1,025.00	\$1,095.30	\$1,095.30

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
17	FOR INSTALLING SPECIAL EXTERIOR CEMENTITIOUS MORTAR PRODUCT ON THE OUTSIDE OF EXPOSED MANHOLE WALLS, MINIMUM 1-INCH-THICK, AS SPECIFIED AND IN ACCORDANCE WITH DETAIL A , ANY LOCATION, COMPLETE IN PLACE.	10	VF	\$160.00	\$1,600.00	\$150.00	\$1,500.00	\$250.00	\$2,500.00	\$292.10	\$2,921.00
18	FOR INSTALLING NEW EXTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, DUCTILE IRON DROPS ONLY, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	NEW 8-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 8-INCH SEWER TO CONNECT TO EXIST SEWER										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$2,215.00	\$2,215.00	\$2,100.00	\$2,100.00	\$2,760.00	\$2,760.00	\$2,555.70	\$2,555.70
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM A1 ABOVE	5	VF	\$115.00	\$575.00	\$100.00	\$500.00	\$150.00	\$750.00	\$133.90	\$669.50
B	NEW 10-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 10-INCH SEWER TO CONNECT TO EXIST SEWER										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$2,430.00	\$2,430.00	\$2,600.00	\$2,600.00	\$3,087.50	\$3,087.50	\$2,799.10	\$2,799.10
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM B1 ABOVE	5	VF	\$125.00	\$625.00	\$125.00	\$625.00	\$150.00	\$750.00	\$146.05	\$730.25
C	NEW 12-INCH EXTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES INCLUDING 10 FEET OF NEW 12-INCH SEWER TO CONNECT TO EXIST SEWER										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$2,850.00	\$2,850.00	\$2,800.00	\$2,800.00	\$3,545.00	\$3,545.00	\$3,285.90	\$3,285.90
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM C1 ABOVE	5	VF	\$130.00	\$650.00	\$145.00	\$725.00	\$180.00	\$900.00	\$152.15	\$760.75
19	FOR INSTALLING NEW INTERNAL DROP CONNECTIONS AT NEW OR EXISTING MANHOLES, VARIOUS DROP PIPE DIAMETERS AND LENGTHS, AS SPECIFIED, COMPLETE IN PLACE.										
A	NEW 4-INCH OR 6-INCH INTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$640.00	\$640.00	\$400.00	\$400.00	\$893.02	\$893.02	\$742.40	\$742.40
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM A1 ABOVE	5	VF	\$60.00	\$300.00	\$30.00	\$150.00	\$175.00	\$875.00	\$73.05	\$365.25
B	NEW 8-INCH INTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$630.00	\$630.00	\$500.00	\$500.00	\$989.94	\$989.94	\$730.20	\$730.20
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM B1 ABOVE	5	VF	\$75.00	\$375.00	\$45.00	\$225.00	\$175.00	\$875.00	\$86.45	\$432.25
C	NEW 10-INCH INTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$685.00	\$685.00	\$750.00	\$750.00	\$1,147.86	\$1,147.86	\$791.05	\$791.05
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM C1 ABOVE	5	VF	\$80.00	\$400.00	\$50.00	\$250.00	\$225.00	\$1,125.00	\$92.50	\$462.50
D	NEW 12-INCH INTERNAL DROP CONNECTION AT NEW OR EXIST MANHOLES										
1)	DROP UP TO 6 FEET IN VERTICAL LENGTH, COST PER DROP CONNECTION	1	EA	\$735.00	\$735.00	\$900.00	\$900.00	\$1,204.51	\$1,204.51	\$851.90	\$851.90

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
2)	DROP GREATER THAN 6 FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM D1 ABOVE	5	VF	\$85.00	\$425.00	\$70.00	\$350.00	\$250.00	\$1,250.00	\$97.40	\$487.00
20	FOR REMOVING PROTRUDING SERVICE CONNECTIONS VIA AN INTERNAL ROBOTIC CUTTER PRIOR TO INSTALLING CURED-IN-PLACE PIPE LINING OR AS NECESSARY TO COMPLETE CCTV, ANY SERVICE LATERAL MATERIAL, ANY SIZE LATERAL, AS SPECIFIED, COMPLETE IN PLACE.	1	EA	\$265.00	\$265.00	\$500.00	\$500.00	\$350.00	\$350.00	\$425.95	\$425.95
21	FOR INSTALLING CURED-IN-PLACE PIPE LINING, AS SPECIFIED, ANY REQUIRED INSTALLED LINER THICKNESS, LOCATION AS LISTED, COMPLETE IN PLACE.										
A	8" DIAMETER SEWER, ANY REQUIRED INSTALLED LINER THICKNESS, NON-EASEMENT AREA	3,000	LF	\$45.00	\$135,000.00	\$35.70	\$107,100.00	\$42.00	\$126,000.00	\$48.70	\$146,100.00
B	10" DIAMETER SEWER, ANY REQUIRED INSTALLED LINER THICKNESS, NON-EASEMENT AREA	1,000	LF	\$50.00	\$50,000.00	\$42.00	\$42,000.00	\$44.00	\$44,000.00	\$53.55	\$53,550.00
C	12" DIAMETER SEWER, ANY REQUIRED INSTALLED LINER THICKNESS, NON-EASEMENT AREA	500	LF	\$55.00	\$27,500.00	\$52.50	\$26,250.00	\$50.00	\$25,000.00	\$58.45	\$29,225.00
D	15" DIAMETER SEWER, ANY REQUIRED INSTALLED LINER THICKNESS, NON-EASEMENT AREA	500	LF	\$60.00	\$30,000.00	\$63.00	\$31,500.00	\$79.00	\$39,500.00	\$94.95	\$47,475.00
E	ADD-ON PRICE FOR CIPP INSTALLATION IN EASEMENT AREAS, ANY DIAMETER CIPP	5,000	LF	\$7.50	\$37,500.00	\$1.10	\$5,500.00	\$5.00	\$25,000.00	\$6.10	\$30,500.00
F	CIPP PRODUCT TESTS, AS SPECIFIED	40	EA	\$450.00	\$18,000.00	\$425.00	\$17,000.00	\$350.00	\$14,000.00	\$350.00	\$14,000.00
22	FOR RECONNECTING EXISTING ACTIVE SERVICE LATERALS TO NEW CURED-IN-PLACE PIPE LINING VIA AN INTERNAL REMOTE CUTTER, AS SPECIFIED, COMPLETE IN PLACE.	40	EA	\$300.00	\$12,000.00	\$110.00	\$4,400.00	\$300.00	\$12,000.00	\$352.95	\$14,118.00
23	FOR PERFORMING PIPE-BURSTING OF EXISTING SEWERS WITH NEW HDPE SEWER, VARIOUS EXISTING PIPE MATERIALS, VARIOUS DEPTHS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	EXISTING 6" DIAMETER SEWER TO:										
1)	NEW 8" DIAMETER HDPE SEWER	200	LF	\$180.00	\$36,000.00	\$75.00	\$15,000.00	\$80.00	\$16,000.00	\$200.00	\$40,000.00
2)	NEW 10" DIAMETER HDPE SEWER	200	LF	\$190.50	\$38,100.00	\$85.00	\$17,000.00	\$90.00	\$18,000.00	\$200.00	\$40,000.00
B	EXISTING 8" DIAMETER SEWER TO:										
1)	NEW 8" DIAMETER HDPE SEWER	200	LF	\$180.00	\$36,000.00	\$85.00	\$17,000.00	\$80.00	\$16,000.00	\$200.00	\$40,000.00
2)	NEW 10" DIAMETER HDPE SEWER	200	LF	\$191.00	\$38,200.00	\$100.00	\$20,000.00	\$90.00	\$18,000.00	\$200.00	\$40,000.00
3)	NEW 12" DIAMETER HDPE SEWER	200	LF	\$202.00	\$40,400.00	\$120.00	\$24,000.00	\$120.00	\$24,000.00	\$200.00	\$40,000.00
C	EXISTING 10" DIAMETER SEWER TO:										
1)	NEW 10" DIAMETER HDPE SEWER	200	LF	\$191.00	\$38,200.00	\$100.00	\$20,000.00	\$90.00	\$18,000.00	\$250.00	\$50,000.00
2)	NEW 12" DIAMETER HDPE SEWER	200	LF	\$202.00	\$40,400.00	\$120.00	\$24,000.00	\$120.00	\$24,000.00	\$250.00	\$50,000.00
D	EXISTING 12" DIAMETER SEWER TO:										
1)	NEW 12" DIAMETER HDPE SEWER	200	LF	\$202.00	\$40,400.00	\$120.00	\$24,000.00	\$120.00	\$24,000.00	\$300.00	\$60,000.00
2)	NEW 16" DIAMETER HDPE SEWER	200	LF	\$245.00	\$49,000.00	\$140.00	\$28,000.00	\$120.00	\$24,000.00	\$300.00	\$60,000.00
24	FOR INSTALLING INFLOW DISHES, ANY LOCATION, AS SPECIFIED, COMPLETE IN PLACE.	500	EA	\$60.00	\$30,000.00	\$50.00	\$25,000.00	\$100.00	\$50,000.00	\$1,000.00	\$500,000.00

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
25	FOR REPAIRING INDIVIDUAL AND PRE-CAST JOINT LEAKS, ANY LOCATION, COMPLETE IN PLACE.	200	EA	\$250.00	\$50,000.00	\$290.00	\$58,000.00	\$400.00	\$80,000.00	\$334.70	\$66,940.00
26	FOR INSTALLING AERIAL STEEL PIPE CROSSINGS, ANY LOCATION, VARIOUS PIPE DIAMETERS, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	8" DIAMETER SEWERS										
1)	0 TO 20 FEET LONG	3	EA	\$3,300.00	\$9,900.00	\$9,000.00	\$27,000.00	\$2,891.60	\$8,674.80	\$4,989.70	\$14,969.10
2)	GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM 26(A) ABOVE	10	LF	\$215.00	\$2,150.00	\$100.00	\$1,000.00	\$177.01	\$1,770.10	\$243.40	\$2,434.00
B	10" DIAMETER SEWERS										
1)	0 TO 20 FEET LONG	1	EA	\$3,800.00	\$3,800.00	\$10,000.00	\$10,000.00	\$2,901.00	\$2,901.00	\$5,476.50	\$5,476.50
2)	GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM 26(B) ABOVE	10	LF	\$225.00	\$2,250.00	\$110.00	\$1,100.00	\$185.65	\$1,856.50	\$255.60	\$2,556.00
C	12" DIAMETER SEWERS										
1)	0 TO 20 FEET LONG	1	EA	\$4,100.00	\$4,100.00	\$11,000.00	\$11,000.00	\$3,511.80	\$3,511.80	\$5,841.60	\$5,841.60
2)	GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM 26(C) ABOVE	10	LF	\$230.00	\$2,300.00	\$125.00	\$1,250.00	\$223.49	\$2,234.90	\$267.75	\$2,677.50
D	15" DIAMETER SEWERS										
1)	0 TO 20 FEET LONG	1	EA	\$4,500.00	\$4,500.00	\$15,000.00	\$15,000.00	\$3,823.40	\$3,823.40	\$6,328.40	\$6,328.40
2)	GREATER THAN 20 FEET IN LENGTH, PAYMENT FOR EACH FOOT OVER 20 FEET, ADD TO ITEM 26(D) ABOVE	10	LF	\$280.00	\$2,800.00	\$150.00	\$1,500.00	\$236.00	\$2,360.00	\$322.50	\$3,225.00
27	FOR INSTALLING REINFORCED CONCRETE PIERS, ANY LOCATION, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	REINFORCED CONCRETE PIER										
1)	0 TO 6 VERTICAL FEET, COST PER PIER	5	EA	\$2,200.00	\$11,000.00	\$3,700.00	\$18,500.00	\$11,700.00	\$58,500.00	\$5,000.00	\$25,000.00
2)	GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM 27(A)(1) ABOVE	10	VF	\$200.00	\$2,000.00	\$230.00	\$2,300.00	\$825.00	\$8,250.00	\$231.75	\$2,317.50
B	REINFORCED CONCRETE ANCHOR PIER										
1)	0 TO 6 VERTICAL FEET, COST PER PIER	5	EA	\$2,200.00	\$11,000.00	\$3,700.00	\$18,500.00	\$8,250.00	\$41,250.00	\$5,000.00	\$25,000.00
2)	GREATER THAN 6 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 6 FEET, ADD TO ITEM 27(B)(1) ABOVE	10	LF	\$200.00	\$2,000.00	\$230.00	\$2,300.00	\$675.00	\$6,750.00	\$225.00	\$2,250.00
28	FOR INSTALLING STEEL H-PILE PIERS, ANY LOCATION, INCLUDING COMPLETE RESTORATION OF GRASSED AREAS (RESTORATION OF PAVED AREAS PAID UNDER SEPARATE BID ITEMS), AS SPECIFIED, COMPLETE IN PLACE.										
A	STEEL H-PILE PIER (FOR PIPE 12" AND SMALLER)										
1)	0 TO 10 VERTICAL FEET, COST PER PIER	5	EA	\$325.00	\$1,625.00	\$10,000.00	\$50,000.00	\$14,000.00	\$70,000.00	\$1,500.00	\$7,500.00
2)	GREATER THAN 10 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 10 FEET, ADD TO ITEM 28(A)(1) ABOVE	10	VF	\$54.00	\$540.00	\$100.00	\$1,000.00	\$775.00	\$7,750.00	\$210.00	\$2,100.00
B	STEEL H-PILE PIER (FOR 15" PIPE)										

FY08 MANHOLE REHABILITATION AND POINT REPAIR BID TABULATION				1		2		3		4	
				Reynolds Inliner, LLC Charlotte, NC		Atlantic Coast Contractors Denver, NC		Triangle Grading & Paving Burlington, NC		Heitkamp, Inc. Watertown, CT	
1)	0 TO 10 VERTICAL FEET, COST PER PIER	5	EA	\$525.00	\$2,625.00	\$11,000.00	\$55,000.00	\$14,000.00	\$70,000.00	\$1,500.00	\$7,500.00
2)	GREATER THAN 10 VERTICAL FEET, PAYMENT FOR EACH VERTICAL FOOT OVER 10 FEET, ADD TO ITEM 28(B)(1) ABOVE	10	VF	\$80.00	\$800.00	\$100.00	\$1,000.00	\$875.00	\$8,750.00	\$210.00	\$2,100.00
29	FOR PERFORMING MISCELLANEOUS RESTORATION WORK AS DEFINED BELOW, AS SPECIFIED, COMPLETE IN PLACE, EXCEPT RESTORATION OF GRASSED AREAS VIA SEEDING AND MULCHING WHICH IS CONSIDERED INCIDENTAL TO THE WORK WITH COSTS INCLUDED IN THE OTHER BID ITEMS AND EXCEPT FOR PAVEMENT RESTORATION WHERE SUCH RESTORATION IS SPECIFICALLY INCLUDED IN OTHER BID ITEMS										
A	SAWCUT, REMOVE AND REPLACE ASPHALT PAVEMENT, ASPHALT AS SPECIFIED IN CMU'S STANDARD SPECIFICATIONS AND DETAILS	100	SY	\$45.00	\$4,500.00	\$65.00	\$6,500.00	\$51.50	\$5,150.00	\$48.70	\$4,870.00
B	SAWCUT, REMOVE AND REPLACE CONCRETE WALKS AND DRIVES (CONCRETE AS SPECIFIED)										
1)	4-INCH CONCRETE WITH WELDED WIRE FABRIC REINFORCING	10	SY	\$60.00	\$600.00	\$55.00	\$550.00	\$62.50	\$625.00	\$66.95	\$669.50
2)	6-INCH CONCRETE WITH WELDED WIRE FABRIC REINFORCING	10	SY	\$70.00	\$700.00	\$75.00	\$750.00	\$72.50	\$725.00	\$79.10	\$791.00
C	SAWCUT, REMOVE AND REPLACE CONCRETE CURBS AND GUTTERS, (CONCRETE AS SPECIFIED), PER LINEAR FOOT OF REPLACEMENT	50	LF	\$45.00	\$2,250.00	\$50.00	\$2,500.00	\$32.50	\$1,625.00	\$47.50	\$2,375.00
D	INSTALL SOD FOR GRASS RESTORATION, COST PER SQUARE YARD OF INSTALLED SOD	10	SY	\$6.00	\$60.00	\$8.00	\$80.00	\$7.50	\$75.00	\$6.70	\$67.00
E	INSTALL STONE FOR RESTORING GRAVEL AREAS, COST PER CUBIC YARD OF PLACED STONE	10	CY	\$35.00	\$350.00	\$60.00	\$600.00	\$50.00	\$500.00	\$34.10	\$341.00
F	INSTALL RIP-RAP WITH FILTER FABRIC TO STABILIZE STREAM BANKS, COST PER CUBIC YARD OF RIP-RAP PLACED	150	CY	\$65.00	\$9,750.00	\$75.00	\$11,250.00	\$100.00	\$15,000.00	\$73.05	\$10,957.50
30	FOR PERFORMING TRAFFIC CONTROL USING ARROWBOARDS, COST PER DAY PER ARROWBOARD, ALL OTHER TRAFFIC CONTROL TO BE CONSIDERED INCIDENTAL TO THE WORK WITH COSTS INCLUDED IN OTHER BID ITEMS	5	EA	\$500.00	\$2,500.00	\$125.00	\$625.00	\$300.00	\$1,500.00	\$121.70	\$608.50
31	FOR PERFORMING BYPASS PUMPING USING 6-INCH PUMPS, COST PER DAY PER 6-INCH PUMP, WITH ALL NECESSARY PIPING, ALL OTHER BYPASS PUMPING TO BE CONSIDERED INCIDENTAL TO THE WORK WITH COSTS INCLUDED IN OTHER BID ITEMS	2	EA	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00	\$2,190.60	\$4,381.20
	SUBTOTAL (ITEMS 1-31)				\$2,965,447.50		\$3,010,310.00		\$3,233,394.27		\$3,960,489.55
32	FOR MOBILIZATION TO THE PROJECT SITE	1	LS	\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$324,671.04	\$324,671.04	\$75,646.98	\$75,646.98
	SUB-SUBTOTAL (ITEMS 1-32)				\$2,965,447.50		\$3,030,310.00		\$3,558,065.31		\$4,036,136.53
33	CONTINGENCY ALLOWANCE (2% OF SUB-SUBTOTAL)				\$59,308.95		\$60,606.20		\$71,161.31		\$80,722.73
	TOTAL (ITEMS 1-33)				\$3,024,756.45		\$3,090,916.20		\$3,629,226.62		\$4,116,859.26