

BID TABULATION WATER MAIN REHABILITATION				1		2		3	
				Heitkamp		Charlotte Tab & Bore		J Fletcher Creamer	
1	MECHANICALLY CLEAN AND LINE WATER MAIN PIPE WITH EPOXY LINING								
A	12-INCH PIPE	2,000	LF	\$20.80	\$41,600.00	\$35.00	\$70,000.00	\$25.00	\$50,000.00
B	8-INCH PIPE	5,000	LF	\$6.35	\$31,750.00	\$31.00	\$155,000.00	\$25.00	\$125,000.00
C	6-INCH PIPE	17,500	LF	\$6.42	\$112,350.00	\$30.00	\$525,000.00	\$25.00	\$437,500.00
D	4-INCH PIPE	250	LF	\$6.00	\$1,500.00	\$50.00	\$12,500.00	\$20.00	\$5,000.00
E	SHORT RUNS OF 75-FEET OR LESS - TO BE PAID IN ADDITION TO ITEM 1 A-D								
1	12-INCH PIPE	50	LF	\$19.70	\$985.00	\$50.00	\$2,500.00	\$10.00	\$500.00
2	8-INCH PIPE	50	LF	\$14.80	\$740.00	\$40.00	\$2,000.00	\$9.00	\$450.00
3	6-INCH PIPE	350	LF	\$12.90	\$4,515.00	\$40.00	\$14,000.00	\$8.00	\$2,800.00
4	4-INCH PIPE	10	LF	\$14.00	\$140.00	\$50.00	\$500.00	\$5.00	\$50.00
2	FURNISH/INSTALL TEMPORARY WATER SYSTEM, INCLUDING RP BACKFLOW PREVENTER								
A	3-INCH PIPE AND SMALLER	45,000	LF	\$4.95	\$222,750.00	\$4.50	\$202,500.00	\$4.50	\$202,500.00
B	4-INCH PIPE	7,500	LF	\$6.45	\$48,375.00	\$6.00	\$45,000.00	\$5.00	\$37,500.00
C	6-INCH PIPE	800	LF	\$8.00	\$6,400.00	\$11.00	\$8,800.00	\$20.00	\$16,000.00
3	PROVIDE ACCESS PITS								
A	STANDARD 5-FEET BY 7-FEET BY 5-FEET DEEP PIT	75	EA	\$1,450.00	\$108,750.00	\$1,100.00	\$82,500.00	\$1,275.00	\$95,625.00
1	EXTRA DEPTH	15	VF	\$1.00	\$15.00	\$25.00	\$375.00	\$240.00	\$3,600.00
2	ADDITIONAL SIZE	75	SF	\$50.00	\$3,750.00	\$25.00	\$1,875.00	\$35.00	\$2,625.00
B	STANDARD 5-FEET BY 7-FEET BY 5-FEET DEEP PIT IN PAVEMENT	75	EA	\$1,450.00	\$108,750.00	\$1,400.00	\$105,000.00	\$1,800.00	\$135,000.00
1	EXTRA DEPTH	15	VF	\$1.00	\$15.00	\$25.00	\$375.00	\$240.00	\$3,600.00
2	ADDITIONAL SIZE	75	SF	\$50.00	\$3,750.00	\$25.00	\$1,875.00	\$35.00	\$2,625.00
4	PERFORM ALL WORK IN ACCESS PITS								
A	12-INCH PIPE	12	EA	\$700.00	\$8,400.00	\$750.00	\$9,000.00	\$1,100.00	\$13,200.00
B	8-INCH PIPE	33	EA	\$650.00	\$21,450.00	\$600.00	\$19,800.00	\$950.00	\$31,350.00
C	6-INCH PIPE	115	EA	\$600.00	\$69,000.00	\$400.00	\$46,000.00	\$850.00	\$97,750.00
D	4-INCH PIPE	5	EA	\$600.00	\$3,000.00	\$400.00	\$2,000.00	\$800.00	\$4,000.00
5	EXCAVATE/REMOVE AN OBSTRUCTION								
		18	EA	\$1.00	\$18.00	\$850.00	\$15,300.00	\$2,000.00	\$36,000.00
6	FURNISH/INSTALL POLYVINYL CHLORIDE PIPE OR D.I.P. (PRESSURE CLASS 350)								
A	12-INCH WATER MAIN, 0-4 FEET OF COVER	150	LF	\$35.00	\$5,250.00	\$55.00	\$8,250.00	\$55.00	\$8,250.00
B	12-INCH WATER MAIN, GREATER THAN 4 FEET OF COVER	25	LF	\$35.00	\$875.00	\$60.00	\$1,500.00	\$75.00	\$1,875.00
C	8-INCH WATER MAIN, 0-4 FEET OF COVER	250	LF	\$25.00	\$6,250.00	\$45.00	\$11,250.00	\$42.00	\$10,500.00
D	8-INCH WATER MAIN, GREATER THAN 4 FEET OF COVER	25	LF	\$25.00	\$625.00	\$50.00	\$1,250.00	\$50.00	\$1,250.00
E	6-INCH WATER MAIN, 0-4 FEET OF COVER	1,000	LF	\$25.00	\$25,000.00	\$35.00	\$35,000.00	\$40.00	\$40,000.00
F	6-INCH WATER MAIN, GREATER THAN 4 FEET OF COVER	100	LF	\$25.00	\$2,500.00	\$40.00	\$4,000.00	\$44.00	\$4,400.00
7	FURNISH AND INSTALL 2-INCH POLYVINYL CHLORIDE PIPE								
A	0-4 FEET OF COVER	1,000	LF	\$25.00	\$25,000.00	\$15.00	\$15,000.00	\$33.00	\$33,000.00
B	GREATER THAN 4 FEET OF COVER	100	LF	\$25.00	\$2,500.00	\$18.00	\$1,800.00	\$33.00	\$3,300.00
8	SUBSTITUTE D.I.P. WITH PUSH-ON JOINTS								
A	8-INCH WATER MAIN	20	LF	\$0.01	\$0.20	\$35.00	\$700.00	\$6.00	\$120.00
B	6-INCH WATER MAIN	50	LF	\$0.01	\$0.50	\$30.00	\$1,500.00	\$6.75	\$337.50
9	FURNISH AND INSTALL MAIN LINE GATE VALVES								
A	12-INCH GATE VALVE	10	EA	\$1,000.00	\$10,000.00	\$3,800.00	\$38,000.00	\$2,500.00	\$25,000.00
B	8-INCH GATE VALVE	15	EA	\$700.00	\$10,500.00	\$2,750.00	\$41,250.00	\$1,350.00	\$20,250.00
C	6-INCH GATE VALVE	50	EA	\$552.00	\$27,600.00	\$2,250.00	\$112,500.00	\$920.00	\$46,000.00
D	4-INCH GATE VALVE	5	EA	\$600.00	\$3,000.00	\$2,000.00	\$10,000.00	\$750.00	\$3,750.00
E	2-INCH GATE VALVE	5	EA	\$400.00	\$2,000.00	\$1,400.00	\$7,000.00	\$270.00	\$1,350.00

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10	FURNISH AND INSTALL FIRE HYDRANTS								
A	FIRE HYDRANT	33	EA	\$2,100.00	\$69,300.00	\$2,900.00	\$95,700.00	\$4,600.00	\$151,800.00
B	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	250	LF	\$35.00	\$8,750.00	\$100.00	\$25,000.00	\$240.00	\$60,000.00
C	6-INCH HORIZONTAL 90 DEGREE BEND	8	EA	\$250.00	\$2,000.00	\$600.00	\$4,800.00	\$200.00	\$1,600.00
D	EXTENSION STEM	13	VF	\$425.00	\$5,525.00	\$300.00	\$3,900.00	\$37.00	\$481.00
E	INSTALL ON ACTIVE MAIN USING TAPPING SLEEVE & VALVE								
1	12-INCH MAIN	2	EA	\$100.00	\$200.00	\$4,500.00	\$9,000.00	\$3,100.00	\$6,200.00
2	8-INCH MAIN	2	EA	\$100.00	\$200.00	\$4,000.00	\$8,000.00	\$3,000.00	\$6,000.00
3	6-INCH MAIN	2	EA	\$100.00	\$200.00	\$3,750.00	\$7,500.00	\$3,000.00	\$6,000.00
11	TRANSFER EXISTING WATER SERVICE LINE								
A	LONG SIDE (3/4")-TYPE K COPPER	75	EA	\$250.00	\$18,750.00	\$900.00	\$67,500.00	\$1,100.00	\$82,500.00
B	LONG SIDE (1")-TYPE K COPPER	1	EA	\$285.00	\$285.00	\$1,100.00	\$1,100.00	\$1,450.00	\$1,450.00
C	LONG SIDE (2") -TYPE K COPPER	1	EA	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$2,900.00	\$2,900.00
D	SHORT SIDE (3/4") -TYPE K COPPER	50	EA	\$190.00	\$9,500.00	\$650.00	\$32,500.00	\$950.00	\$47,500.00
E	SHORT SIDE (1") -TYPE K COPPER	1	EA	\$210.00	\$210.00	\$750.00	\$750.00	\$975.00	\$975.00
F	SHORT SIDE (2") TYPE K COPPER	1	EA	\$800.00	\$800.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
G	REPLACE EXISTING METER BOX WITH NEW CONCRETE BOX	5	EA	\$100.00	\$500.00	\$250.00	\$1,250.00	\$275.00	\$1,375.00
12	SERVICE RENEWAL AND CONNECTION								
A	3/4-INCH	75	EA	\$500.00	\$37,500.00	\$600.00	\$45,000.00	\$840.00	\$63,000.00
B	1-INCH	1	EA	\$700.00	\$700.00	\$1,200.00	\$1,200.00	\$900.00	\$900.00
13	FURNISH/INSTALL ADDITIONAL FITTINGS	8,000	LBS	\$5.00	\$40,000.00	\$4.50	\$36,000.00	\$5.00	\$40,000.00
14	FURNISH, FORM AND PLACE PLAIN CONCRETE BLOCKING	212	CF	\$8.00	\$1,696.00	\$25.00	\$5,300.00	\$8.00	\$1,696.00
15	FURNISH/INSTALL TAPPING SLEEVES AND VALVES AND TAPPING SADDLES AND CORPORATIONS								
A	12" X 8" TAPPING SLEEVE AND VALVE	1	EA	\$1,200.00	\$1,200.00	\$3,500.00	\$3,500.00	\$3,700.00	\$3,700.00
B	12" X 6" TAPPING SLEEVE AND VALVE	1	EA	\$1,000.00	\$1,000.00	\$3,250.00	\$3,250.00	\$3,100.00	\$3,100.00
C	12" X 2" TAPPING SADDLE AND CORPORATION	1	EA	\$300.00	\$300.00	\$1,500.00	\$1,500.00	\$400.00	\$400.00
D	8" X 8" TAPPING SLEEVE AND VALVE	1	EA	\$1,200.00	\$1,200.00	\$3,250.00	\$3,250.00	\$4,100.00	\$4,100.00
E	8" X 6" TAPPING SLEEVE AND VALVE	1	EA	\$900.00	\$900.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
F	8" X 2" TAPPING SADDLE AND CORPORATION	2	EA	\$300.00	\$600.00	\$1,000.00	\$2,000.00	\$400.00	\$800.00
G	6" X 6" TAPPING SLEEVE AND VALVE	2	EA	\$1,000.00	\$2,000.00	\$2,750.00	\$5,500.00	\$3,000.00	\$6,000.00
H	6" X 2" TAPPING SADDLE AND CORPORATION	2	EA	\$400.00	\$800.00	\$900.00	\$1,800.00	\$350.00	\$700.00
16	FURNISH, USE AND REMOVE TEMPORARY 2-INCH BLOW OFFS	5	EA	\$400.00	\$2,000.00	\$1,000.00	\$5,000.00	\$1,500.00	\$7,500.00
17	PERMANENT 2" BLOW OFF	5	EA	\$600.00	\$3,000.00	\$1,250.00	\$6,250.00	\$1,400.00	\$7,000.00
18	CONNECT TO EXISTING WATER MAINS								
A	8-INCH DIAMETER	3	EA	\$300.00	\$900.00	\$750.00	\$2,250.00	\$1,000.00	\$3,000.00
B	6-INCH DIAMETER	4	EA	\$500.00	\$2,000.00	\$650.00	\$2,600.00	\$800.00	\$3,200.00
C	2-INCH DIAMETER	4	EA	\$300.00	\$1,200.00	\$150.00	\$600.00	\$600.00	\$2,400.00
19	ABANDONMENT OF EXISTING WATER MAINS								
A	CLOSE CORPORATION VALVE - DISCONNECT AND CAP OLD MAIN	5	EA	\$300.00	\$1,500.00	\$400.00	\$2,000.00	\$1,500.00	\$7,500.00
B	CUT AND REMOVE FITTING - CAP OLD MAIN - REPAIR ACTIVE MAIN	5	EA	\$800.00	\$4,000.00	\$2,500.00	\$12,500.00	\$1,500.00	\$7,500.00
C	REMOVE EXISTING VALVE BOX AND ABANDON EXISTING VALVE	20	EA	\$300.00	\$6,000.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00
20	FOR REPAIR OF LEAKING WATER SERVICES								
A	3/4 INCH REPAIRS	5	EA	\$100.00	\$500.00	\$500.00	\$2,500.00	\$350.00	\$1,750.00
B	1-INCH REPAIRS	1	EA	\$500.00	\$500.00	\$750.00	\$750.00	\$350.00	\$350.00
C	3/4-INCH TUBING	50	LF	\$30.00	\$1,500.00	\$12.50	\$625.00	\$725.00	\$36,250.00
D	1-INCH TUBING	10	LF	\$60.00	\$600.00	\$15.00	\$150.00	\$750.00	\$7,500.00

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21	REPAIR AND REPLACE BROKEN/LEAKING 4-INCH DUCTILE IRON/POLYVINYL/CAST IRON PIPE	40	LF	\$100.00	\$4,000.00	\$200.00	\$8,000.00	\$5.50	\$220.00
22	ADJUST EXISTING VALVE BOX	5	EA	\$500.00	\$2,500.00	\$65.00	\$325.00	\$500.00	\$2,500.00
23	CUT/SAW REMOVE AND REPLACE ASPHALTIC PAVEMENT H-BINDER & I-1 OR I-2	1,250	SY	\$69.50	\$86,875.00	\$42.00	\$52,500.00	\$88.00	\$110,000.00
24	CUT/REMOVE/REPLACE CONCRETE CURB	250	LF	\$25.00	\$6,250.00	\$30.00	\$7,500.00	\$43.00	\$10,750.00
25	CUT/SAW REMOVE AND REPLACE CONCRETE DRIVEWAYS								
A	DRIVEWAYS (6-INCH REINFORCED)	20	SY	\$84.00	\$1,680.00	\$150.00	\$3,000.00	\$65.00	\$1,300.00
B	SIDEWALKS (4-INCH)	300	SY	\$84.00	\$25,200.00	\$50.00	\$15,000.00	\$50.00	\$15,000.00
26	FURNISH SELECT BACKFILL MATERIAL	1,000	CY	\$20.00	\$20,000.00	\$12.00	\$12,000.00	\$60.00	\$60,000.00
27	LOCATE UNDERGROUND UTILITIES	50	EA	\$0.01	\$0.50	\$200.00	\$10,000.00	\$200.00	\$10,000.00
28	RELOCATE UNDERGROUND CABLES/PLASTIC MAINS								
A	PHONE (FIBER OPTICS)	10	LF	\$0.01	\$0.10	\$100.00	\$1,000.00	\$8.00	\$80.00
B	PHONE (NON-FIBER OPTICS)	10	LF	\$0.01	\$0.10	\$100.00	\$1,000.00	\$8.00	\$80.00
C	POWER CABLES	10	LF	\$0.01	\$0.10	\$100.00	\$1,000.00	\$8.00	\$80.00
D	CABLE TV CABLES	10	LF	\$0.01	\$0.10	\$100.00	\$1,000.00	\$8.00	\$80.00
E	PLASTIC NATURAL GAS MAINS	10	LF	\$0.01	\$0.10	\$100.00	\$1,000.00	\$8.00	\$80.00
29	CUT/REMOVE OLD TROLLEY TRACKS	25	LF	\$0.01	\$0.25	\$100.00	\$2,500.00	\$250.00	\$6,250.00
30	"C" FACTOR TESTING	10	EA	\$0.01	\$0.10	\$650.00	\$6,500.00	\$2,000.00	\$20,000.00
31	MAINTAIN TRAFFIC IN MAJOR THOROUGHFARES OR NCDOT ROADS								
A	2 FULL TIME FLAGGERS	30	DYS	\$256.00	\$7,680.00	\$220.00	\$6,600.00	\$275.00	\$8,250.00
B	REFLECTIVE TRAFFIC CONTROL SIGNS	25	EA	\$50.00	\$1,250.00	\$250.00	\$6,250.00	\$250.00	\$6,250.00
C	REFLECTIVE 28-INCH TALL TRAFFIC CONES	100	EA	\$20.00	\$2,000.00	\$50.00	\$5,000.00	\$20.00	\$2,000.00
D	REFLECTIVE 36-INCH TALL, 18-INCH NON METALLIC DRUMS	50	EA	\$17.50	\$875.00	\$250.00	\$12,500.00	\$65.00	\$3,250.00
E	REFLECTIVE 36-INCH TALL, 18-INCH NON METALLIC DRUMS W/FLASHING WARNING LIGHTS	2	EA	\$0.01	\$0.02	\$500.00	\$1,000.00	\$80.00	\$160.00
F	REFLECTIVE 8-FEET WIDE TYPE III BARRICADES	5	EA	\$100.00	\$500.00	\$500.00	\$2,500.00	\$200.00	\$1,000.00
G	CONCRETE BARRIERS	10	EA	\$0.01	\$0.10	\$1,000.00	\$10,000.00	\$350.00	\$3,500.00
H	TYPE B (30" X 60") FLASHING ARROW PANEL	1	EA	\$700.00	\$700.00	\$4,500.00	\$4,500.00	\$1,100.00	\$1,100.00
I	OFF DUTY POLICE OFFICER	30	HR	\$33.50	\$1,005.00	\$60.00	\$1,800.00	\$50.00	\$1,500.00
32	RESTRICTED WORK HOURS OF 9:00 AM TO 4:00 PM	2,500	LF	\$26.25	\$65,625.00	\$10.00	\$25,000.00	\$6.00	\$15,000.00
33	MATERIAL DENSITY TESTING								
A	SOILS TECHNICIAN	0	HR	\$200.00	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00
B	STANDARD PROCTOR COMPACTION TEST	0	EA	\$200.00	\$0.00	\$150.00	\$0.00	\$0.00	\$0.00
33	MOBILIZATION								
A	INITIAL MOBILIZATION	1	EA	\$109.68	\$109.68	\$25,000.00	\$25,000.00	\$56,500.00	\$56,500.00
B	RE-MOBILIZATION	1	EA	\$0.00	\$0.00	\$12,500.00	\$12,500.00	\$20,000.00	\$20,000.00
C	MOBILIZATION TO PROVIDE EMERGENCY TEMPORARY WATER SYSTEM	5	EA	\$0.00	\$0.00	\$3,000.00	\$15,000.00	\$7,500.00	\$37,500.00
	SUBTOTAL (ITEMS 1-33)				\$1,374,770.85		\$2,271,900.00		\$2,480,614.50
34	CONTINGENCY ALLOWANCE (8% OF SUB-TOTAL)				\$109,981.67		\$181,752.00		\$198,449.16
	TOTAL ITEMS (1-34)				\$1,484,752.52		\$2,453,652.00		\$2,679,063.66