

**INVITATION FOR BID SUMMARY REPORT
AND AWARD RECOMMENDATION**

Date: December 15, 2021

Bid Number and Title: IFB 22-06 Provision & Installation of Water Mains – As Needed

Bid Opening Date and Time: November 17, 2021, 11:00 AM

Bids Opened by: Gina Gilpin, Purchasing Agent

Witnessed by: Christine Horner

Total Bids Received: Six (6)

Bids were received from six (6) vendors for the subject IFB. The bid tabulation is attached.

Crown Construction Service, Inc. is the low bidder, with a bid of \$2,271,937. The bid submission has been reviewed and Crown Construction has been determined to be a responsive and responsible bidder.

Award is recommended to be made to:

Crown Construction Service, Inc.
5408 Oakwood Road
Alexandria, VA 22310

In the amount of **\$2,271,937**

OFFICIAL TOWN BID FORM
 IFB 22-06 PROVISION AND INSTALLATION OF WATER MAINS - AS NEEDED

NO.	ITEM	UNIT	QUANTITY	Crown Construction Service, Inc. 5408 Oakwood Road Alexandria, VA 22310		Sagres Construction 3680 Wheeler Ave, Ste 300 Alexandria, VA 22304		A&M Concrete 42685 Dulles Trade Ct Sterling, VA 20166		Ft. Myer Construction Corp 2237 33rd St NE Washington, DC 20018	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	12-INCH WATER MAIN, DIP CL-52 VDOT 21A STONE - EXISTING PAVED AREAS	LF	200	\$224.00	\$44,800.00	\$210.00	\$42,000.00	\$250.00	\$50,000.00	\$280.00	\$56,000.00
2	8-INCH WATER MAIN, DIP CL-52 VDOT 21A STONE - EXISTING PAVED AREAS	LF	2,000	\$185.00	\$370,000.00	\$150.00	\$300,000.00	\$185.00	\$370,000.00	\$192.00	\$384,000.00
3	6-INCH WATER MAIN, DIP CL-53 VDOT 21A STONE - EXISTING PAVED AREAS	LF	1,000	\$180.00	\$180,000.00	\$145.00	\$145,000.00	\$185.00	\$185,000.00	\$188.25	\$188,250.00
4	4-INCH WATER MAIN, DIP CL-53 VDOT 21A STONE - EXISTING PAVED AREAS	LF	500	\$190.00	\$95,000.00	\$150.00	\$75,000.00	\$180.00	\$90,000.00	\$218.50	\$109,250.00
5	12-INCH WATER MAIN, DIP CL-52 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$210.00	\$21,000.00	\$210.00	\$21,000.00	\$235.00	\$23,500.00	\$222.25	\$22,225.00
6	8-INCH WATER MAIN, DIP CL-52 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$172.00	\$17,200.00	\$150.00	\$15,000.00	\$198.00	\$19,800.00	\$220.50	\$22,050.00
7	6-INCH WATER MAIN, DIP CL-53 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$168.00	\$16,800.00	\$145.00	\$14,500.00	\$175.00	\$17,500.00	\$214.50	\$21,450.00
8	4-INCH WATER MAIN, DIP CL-53 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$177.00	\$17,700.00	\$145.00	\$14,500.00	\$180.00	\$18,000.00	\$194.00	\$19,400.00
9	12-IN GATE VALVE & VALVE BOX	EA	1	\$2,797.00	\$2,797.00	\$3,250.00	\$3,250.00	\$3,900.00	\$3,900.00	\$7,133.50	\$7,133.50
10	8-IN GATE VALVE & VALVE BOX	EA	20	\$1,560.00	\$31,200.00	\$1,900.00	\$38,000.00	\$2,100.00	\$42,000.00	\$3,664.00	\$73,280.00
11	6-IN GATE VALVE & VALVE BOX	EA	10	\$1,070.00	\$10,700.00	\$1,500.00	\$15,000.00	\$1,600.00	\$16,000.00	\$2,669.00	\$26,690.00
12	4-IN GATE VALVE & VALVE BOX	EA	5	\$950.00	\$4,750.00	\$1,250.00	\$6,250.00	\$1,600.00	\$8,000.00	\$2,354.00	\$11,770.00
13	CONNECT TO EXISTING 16-IN WATER MAIN	EA	1	\$14,460.00	\$14,460.00	\$5,750.00	\$5,750.00	\$9,500.00	\$9,500.00	\$5,921.00	\$5,921.00
14	CONNECT TO EXISTING 12-IN WATER MAIN	EA	1	\$8,420.00	\$8,420.00	\$3,500.00	\$3,500.00	\$7,200.00	\$7,200.00	\$4,299.00	\$4,299.00
15	CONNECT TO EXISTING 8-IN WATER MAIN	EA	15	\$6,785.00	\$101,775.00	\$3,250.00	\$48,750.00	\$4,800.00	\$72,000.00	\$3,660.00	\$54,900.00
16	CONNECT TO EXISTING 6-IN WATER MAIN	EA	10	\$6,100.00	\$61,000.00	\$3,100.00	\$31,000.00	\$3,600.00	\$36,000.00	\$3,496.00	\$34,960.00
17	CONNECT TO EXISTING 4-IN WATER MAIN	EA	1	\$5,200.00	\$5,200.00	\$3,000.00	\$3,000.00	\$2,950.00	\$2,950.00	\$3,387.00	\$3,387.00
18	CUT & CAP 12-IN WATER MAIN	EA	1	\$2,200.00	\$2,200.00	\$950.00	\$950.00	\$2,500.00	\$2,500.00	\$2,368.00	\$2,368.00
19	CUT & CAP 8-IN WATER MAIN	EA	5	\$1,900.00	\$9,500.00	\$750.00	\$3,750.00	\$2,150.00	\$10,750.00	\$1,957.00	\$9,785.00
20	CUT & CAP 6-IN WATER MAIN	EA	10	\$1,800.00	\$18,000.00	\$750.00	\$7,500.00	\$1,750.00	\$17,500.00	\$1,883.00	\$18,830.00
21	CUT & CAP 4-IN WATER MAIN	EA	2	\$1,800.00	\$3,600.00	\$750.00	\$1,500.00	\$1,450.00	\$2,900.00	\$1,831.00	\$3,662.00
22	16-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	1	\$5,800.00	\$5,800.00	\$22,500.00	\$22,500.00	\$26,500.00	\$26,500.00	\$33,806.00	\$33,806.00
23	12-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$5,200.00	\$26,000.00	\$15,000.00	\$75,000.00	\$16,500.00	\$82,500.00	\$17,066.00	\$85,330.00
24	12-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$4,900.00	\$24,500.00	\$13,900.00	\$69,500.00	\$15,250.00	\$76,250.00	\$16,014.00	\$80,070.00
25	8-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$4,900.00	\$24,500.00	\$12,500.00	\$62,500.00	\$13,650.00	\$68,250.00	\$15,882.00	\$79,410.00
26	8-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	10	\$4,800.00	\$48,000.00	\$11,500.00	\$115,000.00	\$11,500.00	\$115,000.00	\$12,544.00	\$125,440.00
27	6-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	10	\$4,700.00	\$47,000.00	\$10,750.00	\$107,500.00	\$10,500.00	\$105,000.00	\$9,185.00	\$91,850.00
28	12-IN INSERTION VALVE AND BOX	EA	1	\$28,985.00	\$28,985.00	\$25,750.00	\$25,750.00	\$32,500.00	\$32,500.00	\$41,644.00	\$41,644.00

29	8-IN INSERTION VALVE AND BOX	EA	10	\$15,200.00	\$152,000.00	\$19,500.00	\$195,000.00	\$18,500.00	\$185,000.00	\$24,335.00	\$243,350.00
30	6-IN INSERTION VALVE AND BOX	EA	10	\$14,100.00	\$141,000.00	\$17,500.00	\$175,000.00	\$16,500.00	\$165,000.00	\$20,692.00	\$206,920.00
31	2-IN AIR RELEASE OR VACUUM VALVE IN CONCRETE MANHOLE	EA	1	\$6,200.00	\$6,200.00	\$9,000.00	\$9,000.00	\$10,950.00	\$10,950.00	\$6,108.00	\$6,108.00
32	2-IN BLOWOFF VALVE & ASSEMBLY BOX	EA	5	\$3,800.00	\$19,000.00	\$3,900.00	\$19,500.00	\$5,900.00	\$29,500.00	\$3,348.00	\$16,740.00
33	2-IN TEMPORARY BLOWOFF VALVE & ASSEMBLY BOX	EA	10	\$2,200.00	\$22,000.00	\$3,000.00	\$30,000.00	\$5,900.00	\$59,000.00	\$3,848.00	\$38,480.00
34	REMOVE EXISTING VALVE BOX	EA	20	\$280.00	\$5,600.00	\$200.00	\$4,000.00	\$550.00	\$11,000.00	\$500.00	\$10,000.00
35	ABANDON/REMOVE EXISTING FIRE HYDRANT	EA	10	\$1,200.00	\$12,000.00	\$1,075.00	\$10,750.00	\$1,900.00	\$19,000.00	\$1,881.00	\$18,810.00
36	REMOVE/RESET EXISTING FIRE HYDRANT	EA	5	\$4,200.00	\$21,000.00	\$3,500.00	\$17,500.00	\$4,200.00	\$21,000.00	\$3,581.00	\$17,905.00
37	INSTALL NEW FIRE HYDRANT	EA	10	\$4,900.00	\$49,000.00	\$5,000.00	\$50,000.00	\$6,800.00	\$68,000.00	\$5,974.00	\$59,740.00
38	3/4-IN & 1-IN SERVICE TAP -- UP TO 10 FT	EA	20	\$1,000.00	\$20,000.00	\$1,250.00	\$25,000.00	\$3,300.00	\$66,000.00	\$2,552.00	\$51,040.00
39	3/4-IN & 1-IN SERVICE TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	50	\$25.00	\$1,250.00	\$50.00	\$2,500.00	\$110.00	\$5,500.00	\$86.00	\$4,300.00
40	1.5-IN & 2-IN SERVICE TAP -- UP TO 10 FT	EA	2	\$1,100.00	\$2,200.00	\$1,300.00	\$2,600.00	\$6,900.00	\$13,800.00	\$4,691.00	\$9,382.00
41	1.5-IN & 2-IN SERVICE TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$25.00	\$500.00	\$60.00	\$1,200.00	\$210.00	\$4,200.00	\$107.50	\$2,150.00
42	3/4-IN & 1-IN SERVICE RE-TAP -- UP TO 10 FT	EA	50	\$1,000.00	\$50,000.00	\$1,250.00	\$62,500.00	\$3,300.00	\$165,000.00	\$2,552.00	\$127,600.00
43	3/4-IN & 1-IN SERVICE RE-TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	100	\$25.00	\$2,500.00	\$50.00	\$5,000.00	\$110.00	\$11,000.00	\$86.00	\$8,600.00
44	1.5-IN & 2-IN SERVICE RE-TAP -- UP TO 10 FT	EA	2	\$1,100.00	\$2,200.00	\$1,300.00	\$2,600.00	\$6,900.00	\$13,800.00	\$4,220.00	\$8,440.00
45	1.5-IN & 2-IN SERVICE RE-TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$25.00	\$500.00	\$60.00	\$1,200.00	\$210.00	\$4,200.00	\$107.50	\$2,150.00
46	3/4-IN & 1-IN WATER METER RELOCATION -- UP TO 10 FT	EA	10	\$650.00	\$6,500.00	\$650.00	\$6,500.00	\$3,300.00	\$33,000.00	\$2,552.00	\$25,520.00
47	3/4-IN & 1-IN SERVICE RELOCATION PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$35.00	\$700.00	\$50.00	\$1,000.00	\$125.00	\$2,500.00	\$105.00	\$2,100.00
48	1.5-IN & 2-IN WATER METER RELOCATION -- UP TO 10 FT	EA	2	\$750.00	\$1,500.00	\$1,250.00	\$2,500.00	\$6,900.00	\$13,800.00	\$5,576.00	\$11,152.00
49	1.5-IN & 2-IN SERVICE RELOCATION PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$35.00	\$700.00	\$60.00	\$1,200.00	\$210.00	\$4,200.00	\$119.00	\$2,380.00
50	FULL PAVEMENT RESTORATION (10-IN TYPE I, SIZE NO. 21A OR 21B; 6-IN TYPE BM-25.0)	SY	1,000	\$89.00	\$89,000.00	\$110.00	\$110,000.00	\$90.00	\$90,000.00	\$73.50	\$73,500.00
51	INTERIM PAVEMENT RESTORATION (10-IN TYPE I, SIZE NO. 21A OR 21B; 7.5-IN TYPE BM-25.0)	SY	1,000	\$92.00	\$92,000.00	\$100.00	\$100,000.00	\$80.00	\$80,000.00	\$73.50	\$73,500.00
52	REMOVE AND REPLACE CONCRETE SIDEWALK	SY	500	\$81.00	\$40,500.00	\$80.00	\$40,000.00	\$75.00	\$37,500.00	\$71.00	\$35,500.00
53	REMOVE AND REPLACE PAVERS	SY	50	\$225.00	\$11,250.00	\$250.00	\$12,500.00	\$320.00	\$16,000.00	\$174.00	\$8,700.00
54	REMOVE AND REPLACE CONCRETE CURB & GUTTER	LF	1,500	\$52.00	\$78,000.00	\$75.00	\$112,500.00	\$40.00	\$60,000.00	\$45.00	\$67,500.00
55	ROCK EXCAVATION	CY	25	\$160.00	\$4,000.00	\$150.00	\$3,750.00	\$275.00	\$6,875.00	\$300.00	\$7,500.00
56	SUBBASE, VDOT #21A	TON	500	\$60.00	\$30,000.00	\$75.00	\$37,500.00	\$41.00	\$20,500.00	\$34.00	\$17,000.00
57	SELECT BORROW	CY	100	\$55.00	\$5,500.00	\$40.00	\$4,000.00	\$45.00	\$4,500.00	\$54.00	\$5,400.00
58	OVER EXCAVATION	CY	500	\$65.00	\$32,500.00	\$45.00	\$22,500.00	\$55.00	\$27,500.00	\$45.00	\$22,500.00
59	COLD MIX ASPHALT	TON	100	\$180.00	\$18,000.00	\$200.00	\$20,000.00	\$175.00	\$17,500.00	\$150.00	\$15,000.00
60	STRAW BALES	LF	50	\$25.00	\$1,250.00	\$10.00	\$500.00	\$9.00	\$450.00	\$10.00	\$500.00
61	SOD	SY	50	\$18.00	\$900.00	\$15.00	\$750.00	\$20.00	\$1,000.00	\$15.00	\$750.00
62	TEST PIT	EA	10	\$750.00	\$7,500.00	\$750.00	\$7,500.00	\$675.00	\$6,750.00	\$550.00	\$5,500.00

63	SOIL COMPACTION TEST	EA	10	\$450.00	\$4,500.00	\$350.00	\$3,500.00	\$695.00	\$6,950.00	\$550.00	\$5,500.00
64	REMOVE & REPLACE CONCRETE DRIVEWAY ENTRANCE	SY	20	\$120.00	\$2,400.00	\$120.00	\$2,400.00	\$245.00	\$4,900.00	\$120.00	\$2,400.00
65	BACKHOE WITH OPERATOR	HR	40	\$160.00	\$6,400.00	\$175.00	\$7,000.00	\$135.00	\$5,400.00	\$102.00	\$4,080.00
66	LOADER WITH OPERATOR	HR	40	\$160.00	\$6,400.00	\$170.00	\$6,800.00	\$145.00	\$5,800.00	\$133.50	\$5,340.00
67	TANDEM DUMP TRUCK WITH DRIVER	HR	40	\$85.00	\$3,400.00	\$145.00	\$5,800.00	\$95.00	\$3,800.00	\$87.00	\$3,480.00
68	SINGLE AXLE DUMP TRUCK WITH DRIVER	HR	40	\$75.00	\$3,000.00	\$110.00	\$4,400.00	\$85.00	\$3,400.00	\$67.00	\$2,680.00
69	TAPPING MACHINE (3/4-IN - 2-IN)	HR	8	\$20.00	\$160.00	\$45.00	\$360.00	\$25.00	\$200.00	\$100.00	\$800.00
70	JACK HAMMER	HR	40	\$8.00	\$320.00	\$25.00	\$1,000.00	\$5.00	\$200.00	\$12.00	\$480.00
71	AIR COMPRESSOR W/ TOOLS	HR	40	\$20.00	\$800.00	\$25.00	\$1,000.00	\$25.00	\$1,000.00	\$15.00	\$600.00
72	COMPACTOR	HR	40	\$10.00	\$400.00	\$60.00	\$2,400.00	\$35.00	\$1,400.00	\$14.00	\$560.00
73	PAVEMENT BREAKER	HR	8	\$10.00	\$80.00	\$30.00	\$240.00	\$85.00	\$680.00	\$55.00	\$440.00
74	TOOL TRUCK OR TRAILER WITH TOOLS INCIDENTAL TO WC	HR	40	\$35.00	\$1,400.00	\$15.00	\$600.00	\$45.00	\$1,800.00	\$20.00	\$800.00
75	WELDING (INCLUDES ALL LABOR AND EQUIPMENT)	HR	4	\$200.00	\$800.00	\$95.00	\$380.00	\$125.00	\$500.00	\$400.00	\$1,600.00
76	TRAFFIC CONTROL TRUCK	HR	8	\$40.00	\$320.00	\$140.00	\$1,120.00	\$45.00	\$360.00	\$100.00	\$800.00
77	ARROW BOARD	HR	40	\$20.00	\$800.00	\$7.50	\$300.00	\$5.00	\$200.00	\$4.25	\$170.00
78	STEEL TRAFFIC PLATE PER VDOT STD.	DAILY	2	\$400.00	\$800.00	\$480.00	\$960.00	\$55.00	\$110.00	\$120.00	\$240.00
79	TRENCH BOX	DAILY	2	\$280.00	\$560.00	\$950.00	\$1,900.00	\$450.00	\$900.00	\$250.00	\$500.00
80	FOREMAN WITH PICK-UP	HR	40	\$115.00	\$4,600.00	\$170.00	\$6,800.00	\$125.00	\$5,000.00	\$114.00	\$4,560.00
81	LABORER	HR	40	\$65.00	\$2,600.00	\$65.00	\$2,600.00	\$45.00	\$1,800.00	\$45.00	\$1,800.00
82	PIPE LAYER	HR	40	\$80.00	\$3,200.00	\$75.00	\$3,000.00	\$55.00	\$2,200.00	\$46.00	\$1,840.00
83	FLAGGER	HR	80	\$65.00	\$5,200.00	\$60.00	\$4,800.00	\$35.00	\$2,800.00	\$45.00	\$3,600.00
84	MOBILIZATION/DEMOBILIZATION	EA	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$4,500.00	\$4,500.00
85	BACKHOE WITH OPERATOR	HR	40	\$160.00	\$6,400.00	\$175.00	\$7,000.00	\$195.00	\$7,800.00	\$102.00	\$4,080.00
86	LOADER WITH OPERATOR	HR	40	\$180.00	\$7,200.00	\$170.00	\$6,800.00	\$195.00	\$7,800.00	\$102.00	\$4,080.00
87	TANDEM DUMP TRUCK WITH DRIVER	HR	40	\$115.00	\$4,600.00	\$145.00	\$5,800.00	\$145.00	\$5,800.00	\$102.00	\$4,080.00
88	SINGLE AXLE DUMP TRUCK WITH DRIVER	HR	40	\$85.00	\$3,400.00	\$110.00	\$4,400.00	\$125.00	\$5,000.00	\$67.00	\$2,680.00
89	TAPPING MACHINE (3/4-IN - 2-IN)	HR	8	\$20.00	\$160.00	\$45.00	\$360.00	\$25.00	\$200.00	\$100.00	\$800.00
90	JACK HAMMER	HR	40	\$12.00	\$480.00	\$25.00	\$1,000.00	\$5.00	\$200.00	\$12.00	\$480.00
91	AIR COMPRESSOR W/ TOOLS	HR	40	\$25.00	\$1,000.00	\$25.00	\$1,000.00	\$25.00	\$1,000.00	\$15.00	\$600.00
92	COMPACTOR	HR	40	\$64.00	\$2,560.00	\$60.00	\$2,400.00	\$40.00	\$1,600.00	\$14.00	\$560.00
93	PAVEMENT BREAKER	HR	8	\$15.00	\$120.00	\$30.00	\$240.00	\$95.00	\$760.00	\$55.00	\$440.00
94	TOOL TRUCK OR TRAILER WITH TOOLS INCIDENTAL TO WC	HR	40	\$40.00	\$1,600.00	\$15.00	\$600.00	\$75.00	\$3,000.00	\$20.00	\$800.00
95	WELDING (INCLUDES ALL LABOR AND EQUIPMENT)	HR	4	\$400.00	\$1,600.00	\$95.00	\$380.00	\$145.00	\$580.00	\$400.00	\$1,600.00
96	TRAFFIC CONTROL TRUCK	HR	8	\$60.00	\$480.00	\$140.00	\$1,120.00	\$55.00	\$440.00	\$100.00	\$800.00

97	ARROW BOARD	HR	40	\$25.00	\$1,000.00	\$7.50	\$300.00	\$5.00	\$200.00	\$5.00	\$200.00
98	STEEL TRAFFIC PLATE PER VDOT STD.	DAILY	2	\$400.00	\$800.00	\$480.00	\$960.00	\$125.00	\$250.00	\$120.00	\$240.00
99	TRENCH BOX	DAILY	2	\$280.00	\$560.00	\$950.00	\$1,900.00	\$475.00	\$950.00	\$250.00	\$500.00
100	FOREMAN WITH PICK-UP	HR	40	\$115.00	\$4,600.00	\$170.00	\$6,800.00	\$150.00	\$6,000.00	\$129.00	\$5,160.00
101	LABORER	HR	40	\$90.00	\$3,600.00	\$65.00	\$2,600.00	\$65.00	\$2,600.00	\$45.00	\$1,800.00
102	PIPE LAYER	HR	40	\$95.00	\$3,800.00	\$75.00	\$3,000.00	\$75.00	\$3,000.00	\$46.00	\$1,840.00
103	FLAGGER	HR	80	\$90.00	\$7,200.00	\$60.00	\$4,800.00	\$55.00	\$4,400.00	\$45.00	\$3,600.00
TOTAL BID					\$2,271,937.00		\$2,487,820.00		\$2,895,505.00		\$2,903,987.50

				Arthur Construction Co 23691 Overland Dr Dulles, VA 20166		Utilities Unlimited 12150 TAC Court Manassas, VA 20109	
NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	12-INCH WATER MAIN, DIP CL-52 VDOT 21A STONE - EXISTING PAVED AREAS	LF	200	\$270.00	\$54,000.00	\$265.00	\$53,000.00
2	8-INCH WATER MAIN, DIP CL-52 VDOT 21A STONE - EXISTING PAVED AREAS	LF	2,000	\$240.00	\$480,000.00	\$260.00	\$520,000.00
3	6-INCH WATER MAIN, DIP CL-53 VDOT 21A STONE - EXISTING PAVED AREAS	LF	1,000	\$235.00	\$235,000.00	\$252.00	\$252,000.00
4	4-INCH WATER MAIN, DIP CL-53 VDOT 21A STONE - EXISTING PAVED AREAS	LF	500	\$230.00	\$115,000.00	\$255.00	\$127,500.00
5	12-INCH WATER MAIN, DIP CL-52 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$230.00	\$23,000.00	\$175.00	\$17,500.00
6	8-INCH WATER MAIN, DIP CL-52 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$170.00	\$17,000.00	\$170.00	\$17,000.00
7	6-INCH WATER MAIN, DIP CL-53 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$190.00	\$19,000.00	\$160.00	\$16,000.00
8	4-INCH WATER MAIN, DIP CL-53 SUITABLE FILL - NON-PAVED AREAS	LF	100	\$200.00	\$20,000.00	\$160.00	\$16,000.00
9	12-IN GATE VALVE & VALVE BOX	EA	1	\$4,700.00	\$4,700.00	\$5,200.00	\$5,200.00
10	8-IN GATE VALVE & VALVE BOX	EA	20	\$3,200.00	\$64,000.00	\$4,800.00	\$96,000.00
11	6-IN GATE VALVE & VALVE BOX	EA	10	\$2,400.00	\$24,000.00	\$4,600.00	\$46,000.00
12	4-IN GATE VALVE & VALVE BOX	EA	5	\$1,900.00	\$9,500.00	\$4,400.00	\$22,000.00
13	CONNECT TO EXISTING 16-IN WATER MAIN	EA	1	\$13,000.00	\$13,000.00	\$4,600.00	\$4,600.00
14	CONNECT TO EXISTING 12-IN WATER MAIN	EA	1	\$12,250.00	\$12,250.00	\$4,200.00	\$4,200.00
15	CONNECT TO EXISTING 8-IN WATER MAIN	EA	15	\$11,500.00	\$172,500.00	\$3,800.00	\$57,000.00
16	CONNECT TO EXISTING 6-IN WATER MAIN	EA	10	\$11,000.00	\$110,000.00	\$3,600.00	\$36,000.00
17	CONNECT TO EXISTING 4-IN WATER MAIN	EA	1	\$10,500.00	\$10,500.00	\$3,400.00	\$3,400.00
18	CUT & CAP 12-IN WATER MAIN	EA	1	\$4,700.00	\$4,700.00	\$3,000.00	\$3,000.00
19	CUT & CAP 8-IN WATER MAIN	EA	5	\$3,900.00	\$19,500.00	\$2,800.00	\$14,000.00
20	CUT & CAP 6-IN WATER MAIN	EA	10	\$3,600.00	\$36,000.00	\$2,600.00	\$26,000.00
21	CUT & CAP 4-IN WATER MAIN	EA	2	\$2,950.00	\$5,900.00	\$2,400.00	\$4,800.00
22	16-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	1	\$27,134.00	\$27,134.00	\$12,000.00	\$12,000.00

23	12-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$14,267.00	\$71,335.00	\$10,800.00	\$54,000.00
24	12-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$13,329.00	\$66,645.00	\$9,500.00	\$47,500.00
25	8-IN x 8-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	5	\$11,119.00	\$55,595.00	\$8,800.00	\$44,000.00
26	8-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	10	\$10,132.00	\$101,320.00	\$7,800.00	\$78,000.00
27	6-IN x 6-IN TAP/SLEEVE, VALVE & VALVE BOX	EA	10	\$18,561.00	\$185,610.00	\$7,600.00	\$76,000.00
28	12-IN INSERTION VALVE AND BOX	EA	1	\$27,500.00	\$27,500.00	\$40,000.00	\$40,000.00
29	8-IN INSERTION VALVE AND BOX	EA	10	\$14,750.00	\$147,500.00	\$35,000.00	\$350,000.00
30	6-IN INSERTION VALVE AND BOX	EA	10	\$12,250.00	\$122,500.00	\$30,000.00	\$300,000.00
31	2-IN AIR RELEASE OR VACUUM VALVE IN CONCRETE MANHOLE	EA	1	\$9,000.00	\$9,000.00	\$3,700.00	\$3,700.00
32	2-IN BLOWOFF VALVE & ASSEMBLY BOX	EA	5	\$2,500.00	\$12,500.00	\$4,100.00	\$20,500.00
33	2-IN TEMPORARY BLOWOFF VALVE & ASSEMBLY BOX	EA	10	\$4,750.00	\$47,500.00	\$4,100.00	\$41,000.00
34	REMOVE EXISTING VALVE BOX	EA	20	\$150.00	\$3,000.00	\$2,100.00	\$42,000.00
35	ABANDON/REMOVE EXISTING FIRE HYDRANT	EA	10	\$1,500.00	\$15,000.00	\$4,500.00	\$45,000.00
36	REMOVE/RESET EXISTING FIRE HYDRANT	EA	5	\$10,250.00	\$51,250.00	\$3,500.00	\$17,500.00
37	INSTALL NEW FIRE HYDRANT	EA	10	\$7,900.00	\$79,000.00	\$9,000.00	\$90,000.00
38	3/4-IN & 1-IN SERVICE TAP -- UP TO 10 FT	EA	20	\$750.00	\$15,000.00	\$2,000.00	\$40,000.00
39	3/4-IN & 1-IN SERVICE TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	50	\$25.00	\$1,250.00	\$105.00	\$5,250.00
40	1.5-IN & 2-IN SERVICE TAP -- UP TO 10 FT	EA	2	\$1,250.00	\$2,500.00	\$2,250.00	\$4,500.00
41	1.5-IN & 2-IN SERVICE TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$40.00	\$800.00	\$110.00	\$2,200.00
42	3/4-IN & 1-IN SERVICE RE-TAP -- UP TO 10 FT	EA	50	\$750.00	\$37,500.00	\$2,000.00	\$100,000.00
43	3/4-IN & 1-IN SERVICE RE-TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	100	\$25.00	\$2,500.00	\$107.00	\$10,700.00
44	1.5-IN & 2-IN SERVICE RE-TAP -- UP TO 10 FT	EA	2	\$1,250.00	\$2,500.00	\$2,250.00	\$4,500.00
45	1.5-IN & 2-IN SERVICE RE-TAP PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$40.00	\$800.00	\$112.00	\$2,240.00
46	3/4-IN & 1-IN WATER METER RELOCATION -- UP TO 10 FT	EA	10	\$2,500.00	\$25,000.00	\$2,500.00	\$25,000.00
47	3/4-IN & 1-IN SERVICE RELOCATION PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$50.00	\$1,000.00	\$110.00	\$2,200.00
48	1.5-IN & 2-IN WATER METER RELOCATION -- UP TO 10 FT	EA	2	\$4,000.00	\$8,000.00	\$2,750.00	\$5,500.00
49	1.5-IN & 2-IN SERVICE RELOCATION PER ADDITIONAL LINEAR FOOT OVER 10 FT	LF	20	\$100.00	\$2,000.00	\$120.00	\$2,400.00
50	FULL PAVEMENT RESTORATION (10-IN TYPE I, SIZE NO. 21A OR 21B; 6-IN TYPE BM-25.0;	SY	1,000	\$72.00	\$72,000.00	\$173.00	\$173,000.00
51	INTERIM PAVEMENT RESTORATION (10-IN TYPE I, SIZE NO. 21A OR 21B; 7.5-IN TYPE BM-25.0)	SY	1,000	\$63.00	\$63,000.00	\$175.00	\$175,000.00
52	REMOVE AND REPLACE CONCRETE SIDEWALK	SY	500	\$90.00	\$45,000.00	\$75.00	\$37,500.00
53	REMOVE AND REPLACE PAVERS	SY	50	\$315.00	\$15,750.00	\$50.00	\$2,500.00
54	REMOVE AND REPLACE CONCRETE CURB & GUTTER	LF	1,500	\$45.00	\$67,500.00	\$50.00	\$75,000.00
55	ROCK EXCAVATION	CY	25	\$200.00	\$5,000.00	\$750.00	\$18,750.00
56	SUBBASE, VDOT #21A	TON	500	\$35.00	\$17,500.00	\$92.00	\$46,000.00

57	SELECT BORROW	CY	100	\$65.00	\$6,500.00	\$75.00	\$7,500.00
58	OVER EXCAVATION	CY	500	\$65.00	\$32,500.00	\$75.00	\$37,500.00
59	COLD MIX ASPHALT	TON	100	\$200.00	\$20,000.00	\$250.00	\$25,000.00
60	STRAW BALES	LF	50	\$15.00	\$750.00	\$10.00	\$500.00
61	SOD	SY	50	\$30.00	\$1,500.00	\$15.00	\$750.00
62	TEST PIT	EA	10	\$750.00	\$7,500.00	\$1,500.00	\$15,000.00
63	SOIL COMPACTION TEST	EA	10	\$500.00	\$5,000.00	\$1,000.00	\$10,000.00
64	REMOVE & REPLACE CONCRETE DRIVEWAY ENTRANCE	SY	20	\$150.00	\$3,000.00	\$216.00	\$4,320.00
65	BACKHOE WITH OPERATOR	HR	40	\$125.00	\$5,000.00	\$120.00	\$4,800.00
66	LOADER WITH OPERATOR	HR	40	\$150.00	\$6,000.00	\$90.00	\$3,600.00
67	TANDEM DUMP TRUCK WITH DRIVER	HR	40	\$90.00	\$3,600.00	\$115.00	\$4,600.00
68	SINGLE AXLE DUMP TRUCK WITH DRIVER	HR	40	\$75.00	\$3,000.00	\$110.00	\$4,400.00
69	TAPPING MACHINE (3/4-IN - 2-IN)	HR	8	\$250.00	\$2,000.00	\$80.00	\$640.00
70	JACK HAMMER	HR	40	\$50.00	\$2,000.00	\$50.00	\$2,000.00
71	AIR COMPRESSOR W/ TOOLS	HR	40	\$50.00	\$2,000.00	\$15.00	\$600.00
72	COMPACTOR	HR	40	\$50.00	\$2,000.00	\$35.00	\$1,400.00
73	PAVEMENT BREAKER	HR	8	\$50.00	\$400.00	\$40.00	\$320.00
74	TOOL TRUCK OR TRAILER WITH TOOLS INCIDENTAL TO WC	HR	40	\$50.00	\$2,000.00	\$28.00	\$1,120.00
75	WELDING (INCLUDES ALL LABOR AND EQUIPMENT)	HR	4	\$250.00	\$1,000.00	\$190.00	\$760.00
76	TRAFFIC CONTROL TRUCK	HR	8	\$50.00	\$400.00	\$76.00	\$608.00
77	ARROW BOARD	HR	40	\$15.00	\$600.00	\$82.00	\$3,280.00
78	STEEL TRAFFIC PLATE PER VDOT STD.	DAILY	2	\$500.00	\$1,000.00	\$24.00	\$48.00
79	TRENCH BOX	DAILY	2	\$500.00	\$1,000.00	\$73.00	\$146.00
80	FOREMAN WITH PICK-UP	HR	40	\$75.00	\$3,000.00	\$88.00	\$3,520.00
81	LABORER	HR	40	\$50.00	\$2,000.00	\$28.00	\$1,120.00
82	PIPE LAYER	HR	40	\$65.00	\$2,600.00	\$35.00	\$1,400.00
83	FLAGGER	HR	80	\$35.00	\$2,800.00	\$25.00	\$2,000.00
84	MOBILIZATION/DEMobilIZATION	EA	1	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
85	BACKHOE WITH OPERATOR	HR	40	\$150.00	\$6,000.00	\$180.00	\$7,200.00
86	LOADER WITH OPERATOR	HR	40	\$200.00	\$8,000.00	\$135.00	\$5,400.00
87	TANDEM DUMP TRUCK WITH DRIVER	HR	40	\$110.00	\$4,400.00	\$172.50	\$6,900.00
88	SINGLE AXLE DUMP TRUCK WITH DRIVER	HR	40	\$95.00	\$3,800.00	\$165.00	\$6,600.00
89	TAPPING MACHINE (3/4-IN - 2-IN)	HR	8	\$450.00	\$3,600.00	\$120.00	\$960.00
90	JACK HAMMER	HR	40	\$75.00	\$3,000.00	\$100.00	\$4,000.00

91	AIR COMPRESSOR W/ TOOLS	HR	40	\$75.00	\$3,000.00	\$22.50	\$900.00
92	COMPACTOR	HR	40	\$75.00	\$3,000.00	\$52.50	\$2,100.00
93	PAVEMENT BREAKER	HR	8	\$75.00	\$600.00	\$60.00	\$480.00
94	TOOL TRUCK OR TRAILER WITH TOOLS INCIDENTAL TO WC	HR	40	\$100.00	\$4,000.00	\$42.00	\$1,680.00
95	WELDING (INCLUDES ALL LABOR AND EQUIPMENT)	HR	4	\$350.00	\$1,400.00	\$285.00	\$1,140.00
96	TRAFFIC CONTROL TRUCK	HR	8	\$50.00	\$400.00	\$114.00	\$912.00
97	ARROW BOARD	HR	40	\$20.00	\$800.00	\$123.00	\$4,920.00
98	STEEL TRAFFIC PLATE PER VDOT STD.	DAILY	2	\$1,000.00	\$2,000.00	\$36.00	\$72.00
99	TRENCH BOX	DAILY	2	\$1,000.00	\$2,000.00	\$109.50	\$219.00
100	FOREMAN WITH PICK-UP	HR	40	\$100.00	\$4,000.00	\$132.00	\$5,280.00
101	LABORER	HR	40	\$60.00	\$2,400.00	\$42.00	\$1,680.00
102	PIPE LAYER	HR	40	\$100.00	\$4,000.00	\$53.00	\$2,120.00
103	FLAGGER	HR	80	\$50.00	\$4,000.00	\$39.00	\$3,120.00
TOTAL BID					\$3,056,089.00		\$3,532,255.00