Solicitation No.: CO-00009

PROPOSAL:

SAN ANTONIO WATER SYSTEM P. O. BOX 2449 SAN ANTONIO, TEXAS 78298-2449 **TABULATION OF BIDS** 2015 Governmental Water and Sewer Construction Package II

TIME & DATE:

Job # 15-5021 & 15-5521 11:00 a.m. July 16, 2015

Line No.	Item No.	Quote Category	SOV Item	Item Description	Unit	CO-00009 - 1_ INC	SPIESS COM	ISTRUCTION CO	CO-00009 - 2	_ATLAS COI	NSTRUCTION, INC.	CO-00009 - 3 LLC	_D GUERR	A CONSTRUCTION	CO-00009 - 4 COATING	_PRONTO SA	NDBLASTING &	CO-00009 - 5	_R L JONES L	Р
1	1 w	General Water Bid Items		(103) Remove Concrete Curb	LF	Unit Price C \$6.00	Quantity 1	fotal Amount \$540.00	Unit Price \$5.00	Quantity 90	Total Amount \$450.00	Unit Price \$5.00	Quantity 90	Total Amount \$450.00	Unit Price \$2.00	Quantity T 90	otal Amount \$180.00	Unit Price \$2.00	Quantity T	otal Amount \$180.00
2	2 w	General Water Bid Items		(103) Remove Sidewalks & Driveways	SF	\$22.00	90	\$1,980.00	\$5.00	90	\$450.00	\$7.00	90	\$630.00	\$3.00	90	\$270.00	\$25.00	90	\$2,250.00
3	3 w	General Water Bid Items		(103) Remove Miscellaneous Concrete	SF	\$29.00	45	\$1,305.00	\$10.00	45		\$9.00	45		\$5.00	45	\$225.00	\$25.00	45	\$1,125.00
4 5	4 w 5 w	General Water Bid Items General Water Bid Items		(202) Prime Coat (203) Tack Coat	GAL GAL	\$37.00 \$37.00	30 30	\$1,110.00 \$1,110.00	\$15.00 \$15.00	30 30	\$450.00 \$450.00	\$12.00 \$15.00	30		\$7.00 \$7.00	30 30	\$210.00 \$210.00	\$1.00 \$11.00	30 30	\$30.00 \$330.00
6	6 w	General Water Bid Items		(205) Hot Mix Asphaltic Pavement - Type D (2" Compacted Depth)	SY	\$44.00	1200	\$52,800.00	\$25.00	1200	\$30,000.00	\$30.00	1200	\$36,000.00	\$18.00	1200	\$21,600.00	\$35.00	1200	\$42,000.00
7	7 w	General Water Bid Items		(205) Hot Mix Asphaltic Pavement - Type C (3"	SY	\$66.00	40	\$2,640.00	\$30.00	40	\$1,200.00	\$42.00	40	\$1,680.00	\$30.00	40	\$1,200.00	\$60.00	40	\$2,400.00
8	8 w	General Water Bid Items		Compacted Denth) (205) Hot Mix Asphaltic Pavement - Type B (10"	SY	\$221.00	900	\$198,900.00	\$75.00	900	\$67,500.00	\$65.00	900	\$58,500.00	\$110.00	900	\$99,000.00	\$75.00	900	\$67,500.00
0	9 w	General Water Bid Items		Compacted Depth) (205) Hot Mix Asphaltic Pavement - Type B (12"	SY	\$265.00	50	\$13,250.00	\$85.00	50	\$4,250.00	\$70.00	50	\$3,500.00	\$100.00	50	\$5.000.00	\$100.00	50	\$5.000.00
10	10 w	General Water Bid Items		Compacted Depth) (206) Asphalt Treated Base (10"		\$221.00	50	\$11.050.00	\$75.00	50	\$3,750.00	\$65.00	50		\$100.00	50	\$5,000.00	\$75.00	50	\$3,750.00
11	11 w	General Water Bid Items		Compacted Depth) (206) Asphalt Treated Base (12" Compacted Depth)	SY	\$265.00	50	\$13,250.00	\$85.00	50	\$4,250.00	\$70.00	50		\$120.00	50	\$6,000.00	\$100.00	50	\$5,000.00
12	12 w	General Water Bid Items		(206) Asphalt Treated Base (4" compacted depth)	SY	\$88.00	20	\$1,760.00	\$50.00	20	\$1,000.00	\$25.00	20	\$500.00	\$40.00	20	\$800.00	\$40.00	20	\$800.00
13	13 w	General Water Bid Items		(208) Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (2")	SY	\$74.00	60	\$4,440.00	\$25.00	60	\$1,500.00	\$25.00	60	\$1,500.00	\$50.00	60	\$3,000.00	\$65.00	60	\$3,900.00
14	14 w	General Water Bid Items		(208) Salvaging, Hauling, and Stockpiling Reclaimable	SY	\$88.00	20	\$1,760.00	\$30.00	20	\$600.00	\$30.00	20	\$600.00	\$50.00	20	\$1,000.00	\$40.00	20	\$800.00
15	15 w	General Water Bid Items		Asphaltic Pavement (3") (413) Flowable Fill	СҮ	\$221.00	150	\$33,150.00	\$150.00	150	\$22,500.00	\$175.00	150	\$26,250.00	\$120.00	150	\$18,000.00	\$150.00	150	\$22,500.00
16	16 w	General Water Bid Items		(500) Concrete Curb, Gutter, and Concrete Curb and Gutter	LF	\$37.00	90	\$3,330.00	\$35.00	90	\$3,150.00	\$40.00	90		\$20.00	90	\$1,800.00	\$15.00	90	\$1,350.00
17 18	17 w 18 w	General Water Bid Items General Water Bid Items		(502) Concrete Sidewalks (502) Concrete Wheelchair Ramp	SY SY	\$44.00	24 10	\$1,056.00	\$100.00 \$100.00	24 10	\$2,400.00	\$65.00 \$90.00	24		\$70.00 \$100.00	24 10	\$1,680.00	\$1.00	24	\$24.00 \$10.00
19	19 w	General Water Bid Items		(503) Portland Cement Concrete Drivewav	SY	\$74.00	24	\$1,776.00	\$100.00	24	\$2,400.00	\$70.00	24	\$1,680.00	\$77.00	24	\$1,848.00	\$1.00	24	\$24.00
20	20 w	General Water Bid Items		(503) Portland Cement Concrete Driveway - Commercial	SY	\$88.00	24	\$2,112.00	\$125.00	24	\$3,000.00	\$75.00	24	\$1,800.00	\$80.00	24	\$1,920.00	\$1.00	24	\$24.00
21	21 w	General Water Bid Items		(505) Concrete Riprap (5" Thick)		\$133.00	5	\$665.00	\$100.00	5	\$500.00	\$85.00	5	\$425.00	\$100.00	5	\$500.00	\$1.00	5	\$5.00
22	22 w 23 w	General Water Bid Items		(506) Concrete Retaining Walls - Combination Type (515) Topsoil	CY	\$884.00	4	\$3,536.00	\$800.00	4	\$3,200.00	\$750.00	4		\$750.00 \$25.00	4	\$3,000.00	\$100.00	4	\$400.00
24	24 w	General Water Bid Items		(516) Bermuda Sodding	SY	\$7.00	20	\$140.00	\$20.00	20		\$32.00	20	\$640.00	\$6.00	20	\$120.00	\$10.00	20	\$200.00
25 26	25 w 26 w	General Water Bid Items General Water Bid Items		(516) St. Augustine Sodding (550) Trench Protection	SY LF	\$29.00	20 4240	\$580.00 \$4,240.00	\$20.00 \$5.00	20 4240	\$400.00 \$21,200.00	\$45.00	4240		\$6.00 \$1.00	20 4240	\$120.00	\$10.00	20 4240	\$200.00
27	27 w	General Water Bid Items		(818) 6" PVC Waterline (Restrained) (0'-6' Cut) (818) 6" PVC Waterline	LF	\$74.00	150	\$11,100.00	\$50.00	150	\$7,500.00	\$85.00	150		\$71.00	150	\$10,650.00	\$50.00	150	\$7,500.00
28	28 w	General Water Bid Items General Water Bid Items		(Restrained) (6'-14' Cut) (818) 8" PVC Waterline	LF	\$87.00	30 2330	\$2,610.00	\$75.00 \$60.00	30 2330	\$2,250.00	\$95.00	30 2330		\$43.00	30 2330	\$1,290.00	\$50.00	30 2330	\$1,500.00
30	29 w 30 w	General Water Bid Items		(Restrained) (0'-6' Cut) (818) 8" PVC Waterline (Restrained) (6'-14' Cut)	LF	\$74.00	2330	\$172,420.00	\$60.00	2330	\$139,800.00	\$98.00	2330		\$84.00	2330	\$195,720.00	\$90.00	2330	\$209,700.00
31	31 w	General Water Bid Items		(818) 12" PVC Waterline (Restrained) (0'-6' Cut)	LF	\$103.00	650	\$66,950.00	\$65.00	650	\$42,250.00	\$113.00	650		\$89.00	650	\$57,850.00	\$110.00	650	\$71,500.00
32	32 w	General Water Bid Items		(818) 12" PVC Waterline (Restrained) (6'-14' Cut) (818) 16" PVC Waterline	LF	\$112.00	150	\$16,800.00	\$85.00	150	\$12,750.00	\$123.00	150		\$61.00	150	\$9,150.00	\$70.00	150	\$10,500.00
33 34	33 w 34 w	General Water Bid Items General Water Bid Items		(Restrained) (0'-6' Cut) (818) 16" PVC Waterline	LF	\$139.00	300	\$41,700.00 \$10,960.00	\$95.00 \$125.00	300	\$28,500.00	\$159.00	300		\$176.00	300	\$52,800.00	\$150.00	300	\$45,000.00
35	35 W	General Water Bid Items		(Restrained) (6'-14' Cut) (818) 24" PVC Waterline (Restrained) (0'-8' Cut)	LF	\$239.00	200	\$47,800.00	\$175.00	200	\$35,000.00	\$265.00	200		\$205.00	200	\$41,000.00	\$300.00	200	\$60,000.00
36	36 w	General Water Bid Items		(818) 24" PVC Waterline (Restrained) (8'-14' Cut) (818) 30" DI Waterline	LF	\$268.00	50	\$13,400.00	\$200.00	50	\$10,000.00	\$275.00	50		\$180.00	50	\$9,000.00	\$270.00	50	\$13,500.00
37	37 w 38 w	General Water Bid Items		(Restrained) (0'-9' Cut) (818) 30" DI Waterline	LF	\$410.00	80	\$32,800.00	\$225.00 \$300.00	80	\$18,000.00	\$388.00	80		\$216.00 \$242.00	80	\$17,280.00	\$500.00 \$635.00	80	\$40,000.00
39	39 w	General Water Bid Items	_	(Restrained) (9'-14' Cut) (822) Short Yard Piping	LF	\$80.00	30	\$2,400.00	\$60.00	30	\$1,800.00	\$33.00	30	\$990.00	\$24.00	30	\$720.00	\$30.00	30	\$900.00
40 41	40 w 41 w	General Water Bid Items		(822) Long Yard Piping (824) Reconnect 3/4" Short	LF	\$80.00	30 2	\$2,400.00 \$2,072.00	\$60.00 \$900.00	30	\$1,800.00	\$35.00 \$1,050.00	30		\$29.00 \$570.00	30	\$870.00	\$30.00 \$200.00	30	\$900.00 \$400.00
42	42 w	General Water Bid Items		Service (824) Reconnect 3/4" Long Service	EA	\$1,699.00	2	\$3,398.00	\$1,000.00	2	\$2,000.00	\$1,440.00	2	\$2,880.00	\$820.00	2	\$1,640.00	\$200.00	2	\$400.00
43	43 w	General Water Bid Items		(824) Relay 3/4" Short Service	EA	\$1,061.00	35	\$37,135.00	\$1,100.00	35	\$38,500.00	\$2,950.00	35		\$560.00	35	\$19,600.00	\$900.00	35	\$31,500.00
44 45	44 w 45 w	General Water Bid Items General Water Bid Items		(824) Relay 3/4" Long Service (824) Relay 1" Short Service	EA	\$1,699.00	35	\$59,465.00 \$5,805.00	\$1,100.00 \$1,100.00	35	\$38,500.00	\$4,170.00 \$3,015.00	35		\$900.00 \$870.00	35	\$31,500.00 \$4,350.00	\$1,400.00	35	\$49,000.00 \$5,000.00
46 47	46 w 47 w	General Water Bid Items General Water Bid Items		(824) Relay 1" Long Service (824) Relay 1-1/2" Short Service	EA	\$1,848.00	5	\$9,240.00 \$8,350.00	\$1,100.00 \$1,400.00	5	\$5,500.00	\$4,315.00 \$3,550.00	5		\$1,350.00 \$1,330.00	5	\$6,750.00 \$6,650.00	\$1,500.00 \$500.00	5	\$7,500.00 \$2,500.00
48	48 w	General Water Bid Items		(824) Relay 1-1/2" Long Service		\$2,582.00	5	\$12,910.00	\$1,600.00	5	\$8,000.00	\$4,990.00	5		\$2,040.00	5	\$10,200.00	\$600.00	5	\$3,000.00
49 50	49 w 50 w	General Water Bid Items General Water Bid Items		(824) Relay 2" Short Service (824) Relay 2" Long Service	EA	\$1,804.00	2	\$3,608.00 \$5,302.00	\$2,000.00 \$2,500.00	2	\$4,000.00	\$3,850.00	2		\$1,900.00 \$2,700.00	2	\$3,800.00	\$500.00 \$600.00	2	\$1,000.00
51	51 w	General Water Bid Items		(824) New 3/4" Short Service	EA	\$1,170.00	2	\$2,340.00	\$900.00	2	\$1,800.00	\$3,135.00	2		\$630.00	2	\$1,260.00	\$500.00	2	\$1,000.00
52	52 w	General Water Bid Items		(824) New 3/4" Long Service (824) New 3/4" Short	EA	\$1,923.00	2	\$3,846.00	\$1,000.00	2	\$2,000.00	\$4,375.00	2		\$1,000.00	2	\$2,000.00	\$800.00	2	\$1,600.00
53	53 W	General Water Bid Items General Water Bid Items		Unmetered Service (824) New 3/4" Long Unmetered		\$1,172.00	4	\$4,688.00	\$900.00	4	\$3,600.00	\$3,150.00 \$4,375.00	4		\$620.00	4	\$2,480.00	\$500.00	4	\$2,000.00
55	55 w	General Water Bid Items		Service (824) Relocate 3/4" Short Service	EA	\$1,265.00	2	\$2,530.00	\$900.00	2	\$1,800.00	\$3,285.00	2		\$650.00	2	\$1,300.00	\$400.00	2	\$800.00
56	56 w	General Water Bid Items		(824) Relocate 3/4" Long Service	_	\$1,928.00	2	\$3,856.00	\$1,000.00	2	\$2,000.00	\$3,725.00	2		\$1,010.00	2	\$2,020.00	\$600.00	2	\$1,200.00
57	57 w 58 w	General Water Bid Items		(824) Relocate 1" Short Service (824) Relocate 1" Long Service	EA	\$1,409.00	2	\$2,818.00	\$1,000.00	2	\$2,000.00	\$3,390.00	2		\$790.00 \$1,160.00	2	\$1,580.00	\$400.00	2	\$800.00
59	59 w	General Water Bid Items		(824) Customer Shut-off Valve	EA	\$784.00	2	\$1,568.00	\$500.00	2	\$1,000.00	\$465.00	2		\$170.00	2	\$340.00	\$200.00	2	\$400.00
60 61	60 w 61 w	General Water Bid Items General Water Bid Items		(826) Valve Box Adjustment (828) 6° Gate Valve	EA EA	\$612.00 \$2,562.00	2	\$1,224.00 \$12,810.00	\$400.00 \$1,200.00	2	\$800.00	\$525.00 \$950.00	2		\$60.00 \$1,200.00	2	\$120.00	\$800.00 \$1,000.00	2	\$1,600.00
62	62 w 63 w	General Water Bid Items General Water Bid Items	_	(828) 8" Gate Valve (828) 12" Gate Valve	EA	\$2,965.00	10	\$29,650.00 \$25,134.00	\$1,500.00	10		\$1,360.00	10	\$13,600.00	\$1,400.00	10	\$14,000.00	\$1,400.00	10	\$14,000.00
64 65	64 w 65 w	General Water Bid Items General Water Bid Items		(828) 16" Gate Valve	EA	\$10,706.00	2	\$21,412.00 \$1,909.00	\$7,000.00	2	\$14,000.00	\$6,700.00	2	\$13,400.00	\$7,200.00	2	\$14,400.00	\$1,000.00	2	\$2,000.00
66	66 W	General Water Bid Items		(830) 24" Butterfly Valve (831) 6" x 6" Tee Cut in	EA	\$3,397.00	2	\$6,794.00	\$1,200.00	2	\$2,400.00	\$3,225.00	2	\$6,450.00	\$923.00	2	\$1,846.00	\$600.00	2	\$1,200.00
67 68	67 w 68 w	General Water Bid Items General Water Bid Items		(831) 8" x 6" Tee Cut in (831) 8" X 8" Tee Cut in	EA	\$3,466.00 \$3,520.00	2	\$6,932.00 \$7,040.00	\$1,300.00 \$1,400.00	2		\$3,625.00 \$3,875.00	2		\$1,800.00 \$2,100.00	2	\$3,600.00 \$4,200.00	\$600.00 \$700.00	2	\$1,200.00 \$1,400.00
69	69 w	General Water Bid Items		(832) 12" X 8" Tapping Sleeve & Valve (832) 16" X 8" Tapping Sleeve &		\$6,827.00	2	\$13,654.00	\$4,000.00	2	\$8,000.00	\$6,180.00	2		\$4,500.00	2	\$9,000.00	\$1,000.00	2	\$2,000.00
70	70 w 71 w	General Water Bid Items General Water Bid Items		Valve (832) 30"x 16" Tapping Sleeve	EA	\$7,061.00	2	\$14,122.00	\$4,000.00	2	\$8,000.00	\$6,385.00 \$23,370.00	2		\$6,300.00 \$16,100.00	2	\$12,600.00	\$1,200.00	2	\$2,400.00
72	72 w	General Water Bid Items		and Valve (833) Existing Meter & Meter Box Relocation	EA	\$238.00	5	\$1,190.00	\$400.00	5	\$2,000.00	\$865.00	5		\$100.00	5	\$500.00	\$100.00	5	\$500.00
73	73 w	General Water Bid Items		(833) Existing Meter & New Meter Box Relocation	EA	\$2,460.00	15	\$36,900.00	\$400.00	15	\$6,000.00	\$1,450.00	15		\$130.00	15	\$1,950.00	\$300.00	15	\$4,500.00
74 75	74 w 75 w	General Water Bid Items General Water Bid Items		(833) New Meter Box (834) Fire Hydrant (834) Pine Fittings All Sizes &	EA	\$102.00 \$7,440.00	15 6	\$1,530.00 \$44,640.00	\$400.00 \$4,000.00	15	\$6,000.00 \$24,000.00	\$465.00 \$5,415.00	6	\$32,490.00	\$130.00 \$7,000.00	15	\$1,950.00 \$42,000.00	\$100.00 \$4,000.00	15	\$1,500.00 \$24,000.00
76 77	76 w 77 w	General Water Bid Items General Water Bid Items		(836) Pipe Fittings, All Sizes & Types (840) 6" Water Tie-Ins	TN EA	\$7,546.00 \$2,476.00	3.75	\$28,297.50 \$14,856.00	\$8,000.00 \$1,200.00	3.75	\$30,000.00	\$3,600.00 \$4,350.00	3.75		\$6,300.00 \$1,000.00	3.75	\$23,625.00	\$4,000.00 \$500.00	3.75	\$15,000.00
78	78 w 79 w	General Water Bid Items General Water Bid Items		(840) 8" Water Tie-Ins (840) 12" Water Tie-Ins	EA	\$2,550.00	6	\$15,300.00	\$1,300.00	6	\$7,800.00	\$4,600.00	6	\$27,600.00	\$1,200.00	6	\$7,200.00	\$1,000.00	6	\$6,000.00
80	80 w 81 w	General Water Bid Items General Water Bid Items		(840) 16" Water Tie-Ins (840) 20" Water Tie-In	EA	\$679.00	2	\$1,358.00 \$13,559.00	\$2,000.00	2		\$6,250.00	2	\$12,500.00	\$2,700.00	2	\$5,400.00	\$500.00	2	\$1,000.00
81 82 83	81 w 82 w 83 w	General Water Bid Items		(840) 24" Water Tie-In	EA EA	\$13,559.00 \$13,559.00 \$16,507.00	1	\$13,559.00 \$13,559.00 \$16,507.00	\$2,500.00 \$3,000.00 \$5,000.00	1	\$3,000.00	\$11,250.00 \$14,350.00 \$18,450.00	1	\$14,350.00	\$3,700.00 \$3,800.00 \$4,400.00	1	\$3,700.00 \$3,800.00 \$4,400.00	\$500.00 \$500.00 \$1.000.00	1	\$500.00 \$500.00 \$1.000.00
83 84	84 w	General Water Bid Items General Water Bid Items		(840) 30" Water Tie-In (841) Hydrostatic Testing	EA	\$12,896.00	6	\$77,376.00	\$4,000.00	1	\$24,000.00	\$1,250.00	6	\$7,500.00	\$3,600.00	6	\$21,600.00	\$9,000.00	6	\$54,000.00
85	85 w	General Water Bid Items		(844) 2" Blow-off, Temporary (844) 2" Blow off, Bormanont	EA	\$2,410.00	6	\$14,460.00	\$1,500.00	6	\$9,000.00	\$2,375.00	6		\$1,300.00	6	\$7,800.00	\$7,000.00	6	\$42,000.00
87	86 w 87 w	General Water Bid Items General Water Bid Items		(844) 2" Blow-off, Permanent (844) 4" Blow-off Permanent	EA	\$3,661.00	3	\$10,983.00	\$2,000.00 \$10,000.00	2	\$6,000.00	\$3,075.00	3		\$1,400.00	3	\$4,200.00	\$1,500.00 \$200.00	3	\$4,500.00
88	88 w	General Water Bid Items		(844) 4" Blow-off Temporary	EA	\$10,317.00	1	\$10,317.00	\$11,000.00	1	\$11,000.00	\$8,450.00	1		\$10,000.00	1	\$10,000.00	\$200.00	1	\$200.00
89 90	89 w 90 w	General Water Bid Items General Water Bid Items		(846) 1" Air Release Valve (846) 2" Air Release Valve	EA EA	\$4,643.00 \$5,630.00	3	\$13,929.00 \$11,260.00	\$2,000.00 \$3,000.00	3	\$6,000.00 \$6,000.00	\$2,060.00 \$3,525.00	3		\$1,500.00 \$2,300.00	3	\$4,500.00 \$4,600.00	\$500.00 \$400.00	3	\$1,500.00 \$800.00
91	91 w	General Water Bid Items		(856) 18" Steel Casing (Open Cut) (856) 24" Steel Casing (Open	LF	\$124.00	20	\$2,480.00	\$100.00	20		\$107.00	20		\$90.00	20	\$1,800.00	\$20.00	20	\$400.00
92 93	92 w 93 w	General Water Bid Items		Cut) (856) 30" Steel Casing (Open	LF	\$131.00	20 20	\$2,620.00	\$125.00 \$150.00	20	\$2,500.00	\$123.00 \$159.00	20		\$120.00	20	\$2,400.00	\$70.00	20	\$1,400.00
94	93 W 94 W	General Water Bid Items		Cut) (856) 36" Steel Casing (Open Cut)	LF	\$183.00	20	\$3,840.00	\$150.00	20	\$3,000.00	\$159.00	20		\$160.00	20	\$3,200.00	\$40.00	20	\$800.00
95	95 w	General Water Bid Items		(856) 42" Steel Casing (Open Cut)	LF	\$258.00	20	\$5,160.00	\$300.00	20	\$6,000.00	\$235.00	20		\$232.00	20	\$4,640.00	\$40.00	20	\$800.00
96	96 w	General Water Bid Items		(856) Jack, Boring and Tunneling 18"-24" Casing (0'-6' denths)	LF	\$516.00	20	\$10,320.00	\$300.00	20	\$6,000.00	\$291.00	20	\$5,820.00	\$340.00	20	\$6,800.00	\$50.00	20	\$1,000.00
97	97 w	General Water Bid Items		(856) Jack, Boring and Tunneling 18"-24" Casing (granter than 6' dentha)	LF	\$590.00	20	\$11,800.00	\$300.00	20	\$6,000.00	\$311.00	20	\$6,220.00	\$460.00	20	\$9,200.00	\$50.00	20	\$1,000.00
98	98 w	General Water Bid Items		(greater than 6' depths) (856) Jack, Boring and Tunneling 30"-42" Casing (0'-8'	LF	\$663.00	20	\$13,260.00	\$500.00	20	\$10,000.00	\$507.00	20	\$10,140.00	\$450.00	20	\$9,000.00	\$70.00	20	\$1,400.00
99	99 w	General Water Bid Items		depths) (856) Jack, Boring and Tunneling 30"-42" Casing	LF	\$773.00	20	\$15,460.00	\$550.00	20	\$11,000.00	\$557.00	20		\$640.00	20	\$12,800.00	\$70.00	20	\$1,400.00
99	99 w 100 w	General Water Bid Items		Tunneling 30"-42" Casing (oreater than 8' denths) (856) 6" Carrier Pipe	LF	\$773.00	20	\$15,460.00	\$550.00	20	\$11,000.00	\$557.00	20		\$640.00	20	\$12,800.00	\$70.00	20	\$1,400.00
101	100 W 101 W 102 W	General Water Bid Items General Water Bid Items		(856) 8" Carrier Pipe (856) 12" Carrier Pipe	LF	\$37.00	20 20 20 20	\$740.00	\$100.00	20 20 20	\$2,000.00	\$75.00	20	\$1,500.00	\$60.00	20	\$1,200.00	\$600.00	20 20 20 20	\$12,000.00
102 103 104	102 W 103 W 104 W	General Water Bid Items General Water Bid Items		(856) 12" Carrier Pipe (856) 16" Carrier Pipe (856) 24" Carrier Pipe	LF	\$66.00	20 20 20	\$1,320.00	\$125.00 \$150.00 \$200.00	20 20 20 20		\$115.00	20	\$2,300.00	\$100.00	20	\$2,000.00	\$550.00	20	\$11,000.00 \$11,000.00 \$13,000.00
104	104 w	General Water Bid Items		(858) Concrete Encasement,	CY	\$133.00	10	\$2,660.00	\$200.00	10	\$4,000.00	\$135.00	10		\$170.00	10	\$3,400.00	\$650.00	10	\$13,000.00
106	106 w	General Water Bid Items		Cradles, Saddles and Collars (1020) Water Main Break/Leak Bonairs (6" 12")	EA	\$14,093.00	2	\$28,186.00	\$2,500.00	2	\$5,000.00	\$5,950.00	2		\$100.00	2	\$200.00	\$3,000.00	2	\$6,000.00
107	107 w	General Water Bid Items		Repairs (6"-12") (1020) Water Main Break/Leak Repairs (16"-24")	EA	\$23,101.00	2	\$46,202.00	\$3,500.00	2	\$7,000.00	\$8,250.00	2		\$700.00	2	\$1,400.00	\$4,000.00	2	\$8,000.00
108	108 w	General Water Bid Items		Repairs (16"-24") (3000) Removal, Transportation and Disposal of Various sizes of	LF	\$147.00	100	\$14,700.00	\$80.00	100	\$8.000.00	\$50.00	100		\$18.00	100	\$1,800.00	\$100.00	100	\$10,000.00
108	108 w	General Water Bid Items		A C. Pine (818) 16" PVC C-900 Pipe	LF	\$147.00	80	\$14,700.00	\$80.00	80		\$50.00	80		\$18.00	80	\$1,800.00	\$100.00	80	\$10,000.00
	107 10	Gorrer ar water Bld Items		(Temporary Waterline) (4000) 30" Hydro Stop	EA	\$111.00	80	\$8,880.00		80	\$8,000.00		80			80		\$220.00	80	\$17,600.00

111 112	1 wa	Alley Projects Water Bid Items	(103) Remove Concrete Curb LF (103) Remove Sidewalks & St		4.00 40 2.00 40		\$5.00	40	\$200.00	\$5.00 \$7.00	40		\$2.00 \$3.00	40	\$80.00	\$2.00 \$20.00	40	\$80.00
112	3 wa	Alley Projects Water Bid Items	Driveways SI (103) Remove Miscellaneous SI Concrete SI		9.00 100		\$10.00	100	\$1,000.00	\$9.00	100		\$5.00	100	\$500.00	\$20.00	100	\$2,000.00
114	4 wa	Alley Projects Water Bid Items	(205) Hot Mix Asphaltic Pavement - Type B (10" S ¹	iY \$2	1.00 100	\$22,100.00	\$75.00	100	\$7,500.00	\$65.00	100	\$6,500.00	\$90.00	100	\$9,000.00	\$100.00	100	\$10,000.00
115	5 wa	Alley Projects Water Bid Items	Compacted Depth) (206) Asphalt Treated Base (10" Compacted Depth)	iY \$2	1.00 40	\$8,840.00	\$75.00	40	\$3,000.00	\$65.00	40	\$2,600.00	\$100.00	40	\$4,000.00	\$100.00	40	\$4,000.00
116	6 wa 7 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(206) Asphalt Treated Base (4" compacted depth) (413) Flowable Fill C ¹		8.00 20		\$25.00 \$150.00	20	\$500.00 \$7.500.00	\$25.00 \$175.00	20 50		\$40.00 \$120.00	20	\$800.00	\$60.00 \$200.00	20 50	\$1,200.00
118	8 wa	Alley Projects Water Bid Items	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter		7.00 20		\$35.00	20	\$700.00	\$40.00	20		\$20.00	20	\$400.00	\$1.00	20	\$20.00
119	9 wa	Alley Projects Water Bid Items	(502) Concrete Sidewalks S1		4.00 10		\$100.00	10		\$65.00	10		\$70.00	10	\$700.00	\$1.00	10	\$10.00
120	10 wa	Alley Projects Water Bid Items	(503) Portland Cement Concrete Drivewav (503) Portland Cement Concrete		4.00 8		\$125.00	8	\$1,000.00	\$70.00	8		\$77.00	8	\$616.00	\$1.00	8	\$8.00
121	11 wa 12 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	Driveway - Commercial C ¹		8.00 10 4.00 10		\$150.00	10		\$75.00	10		\$80.00	10	\$800.00	\$1.00	10	\$10.00
123	13 wa	Alley Projects Water Bid Items	(516.1) Bermuda Sodding SY	Y	7.00 10	\$70.00	\$20.00	10	\$200.00	\$32.00	10	\$320.00	\$7.00	10	\$70.00	\$10.00	10	\$100.00
124	14 wa 15 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(516.2) St. Augustine Sodding S ¹ (550) Trench Protection LF		9.00 10 1.00 760		\$20.00 \$5.00	10 760	\$200.00 \$3,800.00	\$45.00 \$70.00	10 760		\$7.00	10 760	\$70.00	\$10.00	10 760	\$100.00
126	16 wa	Alley Projects Water Bid Items	(818) 6" PVC Waterline (Restrained) (0'-6' Cut) (818) 8" PVC Waterline		4.00 40		\$50.00	40		\$85.00	40		\$71.00	40	\$2,840.00	\$100.00	40	\$4,000.00
127	17 wa 18 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(Restrained) (0'-6' Cut) (818) 12" PVC Waterline		1.00 600 9.00 100		\$60.00 \$70.00	600	\$36,000.00	\$98.00 \$113.00	600		\$88.00 \$103.00	600 100	\$52,800.00	\$180.00 \$220.00	600 100	\$108,000.00
129	19 wa	Alley Projects Water Bid Items	(Restrained) (0'-6' Cut) (818) 16" PVC Waterline (Restrained) (0'-6' Cut)		1.00 20		\$100.00	20		\$159.00	20		\$188.00	20	\$3,760.00	\$220.00	20	\$4,400.00
130 131	20 wa 21 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(822) Short Yard Piping LF (822) Long Yard Piping LF		3.00 20 3.00 20		\$75.00 \$75.00	20 20	\$1,500.00 \$1,500.00	\$32.00 \$35.00	20 20		\$28.00 \$28.00	20 20	\$560.00 \$560.00	\$5.00 \$5.00	20 20	\$100.00 \$100.00
132	22 wa	Alley Projects Water Bid Items	(824) Relay 3/4" Short Service E/		8.00 12		\$900.00	12		\$1,050.00	12		\$560.00	12	\$6,720.00	\$800.00	12	\$9,600.00
133 134	23 wa 24 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(824) Relay 3/4" Long Service E/ (824) Relay 1" Short Service E/		4.00 12 1.00 3		\$1,000.00	12	\$12,000.00 \$3,000.00	\$1,440.00 \$3,015.00	12		\$940.00 \$830.00	12	\$11,280.00 \$2,490.00	\$1,000.00 \$500.00	12	\$12,000.00
135 136	25 wa 26 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(824) Relay 1" Long Service E/ (824) Relay 1-1/2" Short Service E/				\$1,200.00 \$1,400.00	3		\$4,315.00 \$3,550.00	3		\$1,300.00 \$840.00	3	\$3,900.00	\$700.00 \$500.00	3	\$2,100.00
137	27 wa	Alley Projects Water Bid Items	(824) Relay 1-1/2" Long Service E/		7.00 2	\$4,334.00	\$1,700.00	2	\$3,400.00	\$4,990.00	2		\$1,400.00	2	\$2,800.00	\$500.00	2	\$1,000.00
138 139	28 wa 29 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(824) Relay 2" Short Service E/ (824) Relay 2" Long Service E/		4.00 2 4.00 2		\$2,000.00 \$2,500.00	2		\$3,850.00 \$5,515.00	2		\$1,320.00 \$1,950.00	2	\$2,640.00 \$3,900.00	\$200.00 \$200.00	2	\$400.00 \$400.00
140	30 wa	Alley Projects Water Bid Items	(824) New 3/4" Short Unmetered Service (824) New 3/4" Long Unmetered				\$900.00	2		\$3,150.00	2		\$640.00	2	\$1,280.00	\$500.00	2	\$1,000.00
141	31 wa 32 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(824) New 3/4 Long Onnetered E/ Service (824) Relocate 3/4" Short E/		3.00 2 5.00 2		\$1,000.00	2	\$2,000.00	\$4,375.00 \$3,285.00	2		\$980.00	2	\$1,960.00	\$700.00	2	\$1,400.00
143	33 wa	Alley Projects Water Bid Items	Service (824) Relocate 3/4" Long Service E/				\$1,000.00	2	\$2,000.00	\$3,725.00	2		\$1,110.00	2	\$2,220.00	\$450.00	2	\$900.00
144	34 wa	Alley Projects Water Bid Items	(824) Relocate 1" Short Service E/		_		\$1,000.00	2	\$2,000.00	\$3,390.00	2		\$870.00	2	\$1,740.00	\$500.00	2	\$1,000.00
145 146	35 wa 36 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(824) Relocate 1" Long Service E/ (824) Customer Shut-off Valve E/		6.00 2 1.00 3		\$1,200.00	2	\$2,400.00	\$3,875.00 \$465.00	2		\$1,260.00 \$200.00	2	\$2,520.00	\$550.00 \$100.00	2	\$1,100.00
147	37 wa	Alley Projects Water Bid Items	(826) Valve Box Adjustment E/	A \$6	2.00 3	\$1,836.00	\$400.00	3	\$1,200.00	\$525.00	3	\$1,575.00	\$80.00	3	\$240.00	\$100.00	3	\$300.00
148 149	38 wa 39 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items Alley Projects Water Bid Items	(828) 6" Gate Valve E/ (828) 8" Gate Valve E/ (829) 12" Gate Valve E/	A \$2,9	5.00 5	\$14,825.00	\$1,200.00 \$1,400.00 \$2,500.00	2	\$7,000.00	\$1,360.00	2	\$6,800.00	\$1,000.00 \$1,400.00	2	\$2,000.00 \$7,000.00	\$800.00	2	\$1,400.00 \$4,000.00 \$1,400.00
150 151	40 wa 41 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items Alley Projects Water Bid Items	(828) 12" Gate Valve EA (828) 16" Gate Valve EA (828) 16" Gate Valve EA	A \$10,1	6.00 1	\$10,116.00	\$2,500.00	2	\$7,000.00	\$2,350.00 \$6,700.00	2	\$6,700.00	\$2,500.00 \$7,000.00	2	\$5,000.00 \$7,000.00	\$700.00 \$700.00	2	\$1,400.00 \$700.00
152 153	42 wa 43 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items Alley Projects Water Bid Items	(831) 6" x 6" Tee Cut-In E/ (831) 8" x 6" Tee Cut-In E/	A \$3,3		\$6,642.00	\$1,000.00	2	\$2,400.00	\$3,125.00 \$3,375.00	2	\$6,750.00	\$700.00	2	\$1,400.00	\$600.00	2	\$1,200.00
154 155	44 wa 45 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(831) 8" X 8" Tee Cut-In E/ (831) 12" X 8" Tapping Sleeve E/ and Valve E/		2.00 2 9.00 1		\$1,500.00 \$3,500.00	2	\$3,000.00 \$3,500.00	\$3,775.00 \$6,180.00	2		\$900.00 \$5,400.00	2	\$1,800.00	\$600.00 \$800.00	2	\$1,200.00 \$800.00
156	46 wa	Alley Projects Water Bid Items	(831) 16" X 8" Tapping Sleeve E/ and Valve E/	A \$7,3			\$3,500.00	1	\$3,500.00	\$6,385.00	1		\$7,000.00	1	\$7,000.00	\$800.00	1	\$800.00
157	47 wa	Alley Projects Water Bid Items	(833) Existing Meter & Meter Box Relocation (833) Existing Meter & New				\$400.00	4	\$1,600.00	\$865.00 \$1,450.00	4		\$100.00	4	\$400.00	\$50.00 \$200.00	4	\$200.00
159	49 wa	Alley Projects Water Bid Items	Meter Box Relocation (833) New Meter Box E/	A \$1	3.00 8	\$824.00	\$400.00	8	\$3,200.00	\$465.00	8	\$3,720.00	\$140.00	8	\$1,120.00	\$100.00	8	\$800.00
160 161	50 wa 51 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(834) Fire Hydrant EA (836) Pipe Fittings, All Sizes & TI				\$4,000.00 \$8,000.00	1.5	\$4,000.00 \$12,000.00	\$5,415.00 \$3,600.00	1.5		\$7,000.00 \$6,300.00	1.5	\$7,000.00 \$9,450.00	\$3,000.00 \$1,000.00	1	\$3,000.00
162 163	52 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	Types (840) 6" Water Tie-Ins E/ (840) 8" Water Tie-Ins E/				\$1,200.00	4	\$4,800.00	\$4,350.00 \$4,600.00	4		\$750.00 \$1.000.00	4	\$3,000.00	\$400.00	4	\$1,600.00
165	54 wa 55 wa	Alley Projects Water Bid Items	(840) 12" Water Tie-Ins E/	A \$2,8	2.00 1	\$2,852.00	\$1,500.00	1	\$1,500.00	\$5,025.00	1	\$5,025.00	\$1,700.00	1	\$1,700.00	\$500.00	1	\$500.00
166	56 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(841) Hydrostatic Testing EA	A \$12,7	2.00 4	\$50,848.00	\$4,000.00	4	\$16,000.00	\$1,250.00	4	\$5,000.00	\$1,600.00	4	\$6,400.00	\$200.00	4	\$800.00
167	57 wa 58 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(844) 2" Blow-off, Temporary E/ (844) 2" Blow-off, Permanent E/		_		\$1,500.00	4	\$6,000.00	\$2,375.00 \$3.075.00	4		\$1,200.00	4	\$4,800.00	\$1,000.00	4	\$4,000.00
169	59 wa	Alley Projects Water Bid Items	(846) 1° Air Release Valve E/	A \$3,3	5.00 1	\$3,375.00	\$2,000.00	1	\$2,000.00	\$2,060.00	1	\$2,060.00	\$1,400.00	1	\$1,400.00	\$200.00	1	\$200.00
170	60 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(856) 18" Steel Casing (Open Cut) (856) 24" Steel Casing (Open		5.00 20 2.00 20		\$100.00	20		\$107.00 \$123.00	20		\$90.00	20	\$1,800.00	\$200.00 \$220.00	20	\$4,000.00
172	62 wa	Alley Projects Water Bid Items	Cut) (856) 6" Carrier Pipe LF	F S	4.00 10	\$440.00	\$100.00	10	\$1,000.00	\$55.00	10	\$550.00	\$50.00	10	\$500.00	\$10.00	10	\$100.00
173 174	63 wa 64 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(856) 8" Carrier Pipe LF (856) 12" Carrier Pipe LF	F S	3.00 20 5.00 10	\$550.00	\$100.00	20	\$1,250.00	\$75.00 \$90.00	20 10	\$900.00	\$70.00 \$85.00	20	\$1,400.00 \$850.00	\$20.00 \$10.00	20	\$400.00 \$100.00
175	65 wa	Alley Projects Water Bid Items Alley Projects Water Bid Items	(856) 16" Carrier Pipe LF (858) Concrete Encasement, Cr		4.00 10	\$840.00	\$150.00	10	\$1,500.00	\$115.00	10	\$1,150.00	\$120.00	10	\$1,200.00	\$10.00	10	\$100.00
177	67 wa	Alley Projects Water Bid Items	Cradles, Saddles and Collars (1020) Water Main Break/Leak			\$14,422.00	\$2,500.00	1	\$2,500.00	\$5,950.00	1		\$150.00	1	\$150.00	\$2,000.00	1	\$2,000.00
178	68 wa	Alley Projects Water Bid Items	Repair (6"-16") (3000) Removal, Transportation and Disposal of various sizes of		7.00 150		\$80.00	150	\$12,000.00	\$50.00	150		\$20.00	150	\$3,000.00	\$100.00	150	\$15,000.00
	_		A.C. Pipe (3100) 4" Temporary Waterline, including fittings, tie-ins, service		_													
179	69 wa	Alley Projects Water Bid Items	connections, and all	F S	8.00 300	\$8,400.00	\$30.00	300	\$9,000.00	\$74.00	300	\$22,200.00	\$50.00	300	\$15,000.00	\$34.00	300	\$10,200.00
180	70 wa	Alley Projects Water Bid Items	(3100) 6" Temporary Waterline, including fittings, tie-ins, service connections, and all	F S	7.00 200	\$11,400.00	\$40.00	200	\$8,000.00	\$83.00	200	\$16,600.00	\$50.00	200	\$10,000.00	\$36.00	200	\$7,200.00
181	1 s	General Sanitary Sewer Bid Items	annurtenanc (103) Remove Concrete Curb	F	6.00 40	\$240.00	\$5.00	40	\$200.00	\$5.00	40	\$200.00	\$2.00	40	\$80.00	\$5.00	40	\$200.00
182	2 s	General Sanitary Sewer Bid Items	(103) Remove Sidewalks & Si Drivewavs	F S	2.00 40	\$880.00	\$5.00	40	\$200.00	\$7.00	40	\$280.00	\$3.00	40	\$120.00	\$25.00	40	\$1,000.00
183	3 s 4 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(103) Remove Miscellaneous Concrete (202) Prime Coat		9.00 15 6.00 10		\$10.00 \$20.00	15 10	\$150.00 \$200.00	\$9.00 \$12.00	15		\$5.00 \$7.00	15 10	\$75.00	\$25.00 \$2.00	15	\$375.00
185	5 s	General Sanitary Sewer Bid Items			6.00 10		\$20.00	10		\$15.00	10		\$7.00	10	\$70.00	\$10.00	10	\$100.00
186	6 S	General Sanitary Sewer Bid Items	Pavement - Type D (2" S' Compacted Depth)	iY \$	4.00 400	\$17,600.00	\$20.00	400	\$8,000.00	\$30.00	400	\$12,000.00	\$18.00	400	\$7,200.00	\$40.00	400	\$16,000.00
187	7 s	General Sanitary Sewer Bid Items	(205) Hot Mix Asphaltic Pavement - Type C (3" S' Compacted Depth)	iY \$	5.00 20	\$1,300.00	\$30.00	20	\$600.00	\$42.00	20	\$840.00	\$30.00	20	\$600.00	\$65.00	20	\$1,300.00
188	8 s	General Sanitary Sewer Bid Items	(205) Hot Mix Asphaltic Pavement - Type B (10" S' Compacted Depth)	Y \$2	8.00 320	\$69,760.00	\$75.00	320	\$24,000.00	\$65.00	320	\$20,800.00	\$90.00	320	\$28,800.00	\$80.00	320	\$25,600.00
189	9 s	General Sanitary Sewer Bid Items	(205) Hot Mix Asphaltic Pavement - Type B (12" S ¹	iY \$2	1.00 40	\$10,440.00	\$85.00	40	\$3,400.00	\$70.00	40	\$2,800.00	\$100.00	40	\$4,000.00	\$100.00	40	\$4,000.00
190	10 s	General Sanitary Sewer Bid Items	Compacted Depth) (206) Asphalt Treated Base (10" Compacted Depth)		8.00 50	\$10,900.00	\$75.00	50	\$3,750.00	\$65.00	50	\$3,250.00	\$100.00	50	\$5,000.00	\$80.00	50	\$4,000.00
191	11 s	General Sanitary Sewer Bid Items	(206) Asphalt Treated Base (12" Compacted Depth)		1.00 50		\$85.00	50	\$4,250.00	\$70.00	50		\$120.00	50	\$6,000.00	\$100.00	50	\$5,000.00
192	12 s	General Sanitary Sewer Bid Items	compacted depth) (208) Salvaging, Hauling, and		8.00 20		\$30.00	20		\$25.00	20		\$40.00	20	\$800.00	\$60.00	20	\$1,200.00
193	13 s	General Sanitary Sewer Bid Items	Asohaltic Pavement (2") (208) Salvaging, Hauling, and		3.00 20		\$25.00	20	\$500.00	\$25.00	20	\$500.00	\$50.00	20	\$1,000.00	\$80.00	20	\$1,600.00
194	14 s 15 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	Stockpiling Reclaimable S ¹ Asphaltic Pavement (3") (413) Flowable Fill C ¹		7.00 10		\$30.00	10	\$300.00	\$30.00	10		\$50.00	10	\$500.00	\$50.00	10	\$500.00
195	16 s	General Sanitary Sewer Bid Items	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter		6.00 40		\$35.00	40	\$1,400.00	\$40.00	40		\$120.00	40	\$800.00	\$10.00	40	\$400.00
197	17 s	General Sanitary Sewer Bid Items	(502) Concrete Sidewalks S ¹		4.00 10		\$100.00	10	\$1,000.00	\$65.00	10		\$70.00	10	\$700.00	\$10.00	10	\$100.00
198	18 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	Ramp S' (503) Portland Cement Concrete S'		3.00 10 3.00 8	\$1,230.00	\$100.00	10	\$1,000.00	\$90.00 \$70.00	10		\$100.00 \$77.00	10	\$1,000.00	\$10.00	10	\$100.00
200	20 s	General Sanitary Sewer Bid Items	(503) Portland Cement Concrete		7.00 8	\$696.00	\$125.00	8	\$1,200.00	\$75.00	8		\$80.00	8	\$640.00	\$60.00	8	\$480.00
201	20 S	General Sanitary Sewer Bid Items	Driveway-Commercial (505) Concrete Riprap (5" Thick)		1.00 5		\$100.00	5	\$500.00	\$85.00	5		\$100.00	5	\$500.00	\$20.00	5	\$100.00
202	22 s	General Sanitary Sewer Bid Items	(506) Concrete Retaining Walls - Cr Combination Type	Y \$8	0.00 5	\$4,350.00	\$1,000.00	5	\$5,000.00	\$750.00	5		\$750.00	5	\$3,750.00	\$50.00	5	\$250.00
203 204	23 s 24 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(515) Topsoil C ¹ (516) Bermuda Sodding S ¹		3.00 10 7.00 10		\$40.00 \$20.00	10 10	\$400.00 \$200.00	\$55.00 \$32.00	10 10	\$320.00	\$25.00 \$6.00	10 10	\$250.00 \$60.00	\$20.00 \$10.00	10 10	\$200.00 \$100.00
205	25 s 26 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(516) St. Augustine Sodding S ¹ (550) Trench Protection LF		9.00 10		\$20.00 \$5.00	10 1780	\$200.00	\$45.00 \$70.00	10 1780	\$450.00	\$6.00 \$19.00	10 1780	\$60.00 \$33.820.00	\$10.00 \$1.00	10 1780	\$100.00 \$1.780.00
			(848) 8" PVC Gravity Sanitary															
207	27 s	General Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'- 6' Cut)	r \$	8.00 900	\$61,200.00	\$65.00	900	\$58,500.00	\$115.00	900	\$103,500.00	\$51.00	900	\$45,900.00	\$80.00	900	\$72,000.00
208	28 s	General Sanitary Sewer Bid Items	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115	F	9.00 200	\$17,800.00	\$70.00	200	\$14,000.00	\$129.00	200	\$25,800.00	\$60.00	200	\$12,000.00	\$270.00	200	\$54,000.00
	-	a cannon y solver blu iteriis	psi or SDR 26-2241, 160 psi), (6- 14' Cut	,	200	\$17,000.00	¢70.00	200	\$14,000.00	2127.00	200	÷23,000.00	00.00	200	÷ 12,000.00	<i></i>	200	\$54,000.0U
209	29 s	General Sanitary Sewer Bid Items	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi),	F \$1	0.00 50	\$5,000.00	\$85.00	50	\$4,250.00	\$139.00	50	\$6,950.00	\$68.00	50	\$3,400.00	\$200.00	50	\$10,000.00
			(14'-22' Cu (848) 10" PVC Gravity Sanitary															
210	30 s	General Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-	F \$	1.00 100	\$7,100.00	\$60.00	100	\$6,000.00	\$118.00	100	\$11,800.00	\$55.00	100	\$5,500.00	\$80.00	100	\$8,000.00
	31 s	General Sanitary Sewer Bid Items	6' Cut (848) 10" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115	F en	6.00 60	\$6,360.00	\$80.00	60	\$4,800.00	\$133.00	60	\$7,980.00	\$63.00	60	\$3,780.00	\$260.00	60	\$15,600.00
211		ar ownitary server blu flems	psi or SDR 26-2241, 160 psi), (6'- 14' Cu (848) 10" PVC Gravity Sanitary	\$1	0	a0,300.00	400.UU	00	\$4,000.00	\$135.00	0U	91,900.00	303.00	U	<i>\$3,160.00</i>	\$200.00	00	\$13,000.00
211	32 s	General Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), LF	F \$1	4.00 30	\$3,420.00	\$100.00	30	\$3,000.00	\$143.00	30	\$4,290.00	\$73.00	30	\$2,190.00	\$180.00	30	\$5,400.00
211	52 5		(14'-22' C (848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115	F C	4.00 160	\$15,040.00	\$70.00	160	\$11,200.00	\$145.00	160	\$23,200.00	\$60.00	160	\$9,600.00	\$90.00	160	\$14,400.00
	33 s	General Sanitary Sewer Bid Items			100	2.0,040.00	270.00				.00	+=0,200.00			+.,000.00			÷. 7,400.00
212		General Sanitary Sewer Bid Items	psi or SDR 26-2241, 160 psi), (0'- 6'.Cut (848) 12" PVC Gravity Sanitary															
212		General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	psi or SDR 26-2241, 160 psi), (0'- 6' Cut (848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6'-		3.00 50	\$5,650.00	\$100.00	50	\$5,000.00	\$155.00	50	\$7,750.00	\$68.00	50	\$3,400.00	\$260.00	50	\$13,000.00
212 213	33 s		psi or SDR 26-2241, 160 psi), (0 ⁻¹ 4 [°] Cut (648) 12 [°] PVC Gravity Sanitary Swer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6 ⁻¹ 14 [°] Cut (848) 12 [°] PVC Gravity Sanitary Swer Pipe (SDR 26-3034, 115 swer Pipe (SDR 26-3034, 115	F \$1	3.00 50		\$100.00	50	\$5,000.00	\$155.00	50		\$68.00	50	\$3,400.00	\$260.00	50	\$13,000.00
212 213 214	33 s 34 s	General Sanitary Sewer Bid Items	pa or SDR 26-2241, 160 ps), (0 ⁻¹ 4 ⁻ Cut (848) 12 ⁺ PVC Gravity Sanitary Sower Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 ps), (6 ⁻¹ 14 ⁻ Cu (848) 12 ⁻ PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 ps), (14 ⁻²).	F \$1														
212 213 214	33 s 34 s	General Sanitary Sewer Bid Items	psi or SDR 26-2241, 160 psi), (0 ⁻¹ 4 ⁻ Cut (648) 12 ⁻ PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 166 psi), (6 ⁻¹ 14 ⁻ Cut (648) 12 ⁻ PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi),	F \$1		\$3,600.00						\$5,700.00						

			(848) 15" PVC Gravity Sanitary								1								
218	38 s	General Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi),	LF	\$163.00	30	\$4,890.00	\$150.00	30	\$4,500.00	\$221.00	30	\$6,630.00	\$120.00	30	\$3,600.00	\$180.00	30	\$5,400.00
219	39 s	General Sanitary Sewer Bid Items	(14'-22' C (848) 24" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-	LF	\$200.00	30	\$6,000.00	\$150.00	30	\$4,500.00	\$296.00	30	\$8,880.00	\$115.00	30	\$3,450.00	\$110.00	30	\$3,300.00
220	40 s	General Sanitary Sewer Bid Items	6' Cut (848) 24" PVC Gravity Sanitary	LF	\$219.00	30	\$6,570.00	\$200.00	30	\$6,000.00	\$316.00	30	\$9,480.00	\$125.00	30	\$3,750.00	\$600.00	30	\$18,000.00
	40.5		psi or SDR 26-2241, 160 psi), (6'- 14' Cu (848) 24" PVC Gravity Sanitary	Lr	\$219.00	30	30,570.00	\$200.00		\$8,000.00	3310.00	30	\$4,480.00	\$125.00	30	\$5,750.00	\$00.00	30	\$16,000.00
221	41 s	General Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' C	LF	\$240.00	30	\$7,200.00	\$250.00	30	\$7,500.00	\$346.00	30	\$10,380.00	\$180.00	30	\$5,400.00	\$300.00	30	\$9,000.00
	42 s 43 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(850) Sanitary Sewer Manhole Structure (850) Sanitary Sewer Doghouse	EA	\$25,500.00 \$12.600.00	1	\$25,500.00	\$7,500.00	1	\$7,500.00	\$10,280.00	1	\$10,280.00	\$5,900.00	1	\$5,900.00	\$1,000.00	1	\$1,000.00
	44 s	General Sanitary Sewer Bid Items	Manhole (851) Adjust Existing Manhole	EA	\$1,357.00	1	\$1,357.00	\$3,000.00	1	\$3,000.00	\$750.00	1	\$750.00	\$400.00	1	\$400.00	\$1,500.00	1	\$1,500.00
225	45 s	General Sanitary Sewer Bid Items	(Watertight Ring and Cover) (852) Sanitary Sewer Manhole (0'-6')	EA	\$13,580.00	5	\$67,900.00	\$6,000.00	5	\$30,000.00	\$10,280.00	5	\$51,400.00	\$5,900.00	5	\$29,500.00	\$7,500.00	5	\$37,500.00
	46 s 47 s	General Sanitary Sewer Bid Items	(852) Sanitary Sewer Drop Manhole (0'-6') (852) Extra Depth Manholes	EA VF	\$14,075.00	1	\$14,075.00 \$2.766.00	\$7,500.00 \$500.00	1	\$7,500.00	\$11,980.00	1	\$11,980.00	\$6,900.00	1	\$6,900.00	\$8,500.00	1	\$8,500.00
	47 S	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(greater than 6') (854) Sanitary Sewer Laterals,	LF	\$461.00	350	\$42,000.00	\$75.00	350		\$97.00	350		\$140.00	350	\$9,800.00	\$700.00	350	\$4,200.00
	49 s	General Sanitary Sewer Bid Items	(SDR 26, ASTM 2241, 160 psi) (854) Two-Way Sanitary Sewer Clean-out		\$640.00	15	\$9,600.00	\$1,000.00	15		\$495.00	15	\$7,425.00	\$550.00	15	\$8,250.00	\$1,200.00	15	\$18,000.00
	50 s	General Sanitary Sewer Bid Items	(855) Reconstruction of Existing Manhole (856) 18" Steel Casing (Open		\$11,600.00	2	\$23,200.00	\$10,000.00	2	\$20,000.00	\$3,500.00	2		\$4,200.00	2	\$8,400.00	\$2,000.00	2	\$4,000.00
	51 s 52 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	Cut) (856) 24" Steel Casing (Open Cut)	LF	\$122.00 \$130.00	10 10	\$1,220.00	\$100.00 \$125.00	10		\$107.00	10		\$60.00	10 10	\$600.00	\$20.00 \$20.00	10 10	\$200.00
	53 s	General Sanitary Sewer Bid Items	(856) 30" Steel Casing (Open Cut) (856) 36" Steel Casing (Open	LF	\$180.00	10	\$1,800.00	\$150.00	10		\$158.00	10		\$160.00	10	\$1,600.00	\$20.00	10	\$200.00
	54 s 55 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	Cut) (95.6) 42" Steel Casing (Open	LF	\$189.00	10 10	\$1,890.00 \$2,540.00	\$200.00 \$300.00	10		\$168.00	10		\$190.00	10 10	\$1,900.00	\$25.00 \$30.00	10 10	\$250.00
236	56 s	General Sanitary Sewer Bid Items	(856) Jack, Boring and	LF	\$508.00	10	\$5,080.00	\$300.00	10	\$3,000.00	\$291.00	10	\$2,910.00	\$350.00	10	\$3,500.00	\$50.00	10	\$500.00
237	57 s	General Sanitary Sewer Bid Items	(856) Jack, Boring and Tunneling 18"-24" Casing	LF	\$580.00	10	\$5,800.00	\$300.00	10	\$3,000.00	\$311.00	10	\$3,110.00	\$410.00	10	\$4,100.00	\$70.00	10	\$700.00
238	58 s	General Sanitary Sewer Bid Items	(oreater than 6' Denths) (856) Jack, Boring and Tunneling 30"-42" Casing (0'-8'	LF	\$653.00	10	\$6,530.00	\$450.00	10	\$4,500.00	\$507.00	10	\$5,070.00	\$470.00	10	\$4,700.00	\$70.00	10	\$700.00
239	59 s	General Sanitary Sewer Bid Items		LF	\$726.00	10	\$7,260.00	\$500.00	10	\$5,000.00	\$557.00	10	\$5,570.00	\$620.00	10	\$6,200.00	\$70.00	10	\$700.00
	60 s 61 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(oreater than 8' Depths) (856) 8" Carrier Pipe (856) 10" Carrier Pipe	LF	\$55.00 \$61.00	10 10	\$550.00 \$610.00	\$100.00 \$100.00	10		\$74.00 \$93.00	10 10	\$740.00 \$930.00	\$42.00 \$52.00	10 10	\$420.00	\$550.00	10	\$5,500.00
242	62 s 63 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items		LF	\$69.00	10 10 10	\$690.00 \$640.00	\$125.00 \$150.00	10	\$1,250.00	\$107.00	10	\$1,070.00	\$61.00	10 10	\$610.00	\$550.00 \$550.00 \$600.00	10 10 10	\$5,500.00
	64 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(856) 24" Carrier Pipe (858) Concrete Encasement,	LF	\$138.00 \$218.00	10	\$1,380.00	\$200.00 \$150.00	10	\$2,000.00	\$231.00 \$135.00	10	\$2,310.00	\$78.00 \$130.00	10	\$780.00	\$650.00 \$220.00	10	\$6,500.00
	65 S	General Sanitary Sewer Bid Items	Cradles, Saddles and Collars (860) Vertical Stacks	VF	\$218.00	8	\$460.00	\$150.00	5		\$135.00	5		\$130.00	5		\$220.00	5	\$1,780.00
247	67 s	General Sanitary Sewer Bid Items	(862) Abandonment of Sanitary Sewer Main (12" or greater)		\$36.00	80	\$2,880.00	\$25.00	80	\$2,000.00	\$60.00	80	\$4,800.00	\$7.00	80	\$560.00	\$12.00	80	\$960.00
	68 s 69 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(864) Bypass Pumping (8"-12") per each work order (864) Bypass Pumping (15"-24")		\$10,880.00	3	\$32,640.00	\$2,000.00 \$15.000.00	3		\$8,000.00	3		\$15,000.00	3	\$45,000.00	\$10,000.00	3	\$30,000.00
	69 s 70 s	General Sanitary Sewer Bid Items General Sanitary Sewer Bid Items	(866) Pre Sewer Main Television Inspection (8"-24")		\$14,510.00	2 1780	\$29,020.00 \$21,360.00	\$15,000.00	2	\$30,000.00	\$15,000.00	1780	\$30,000.00	\$36,000.00	2 1780	\$72,000.00	\$500.00	2	\$1,000.00
251	71 s	General Sanitary Sewer Bid Items	(866) Post Sewer Main	LF	\$11.00	1780	\$19,580.00	\$5.00	1780	\$8,900.00	\$5.00	1780	\$8,900.00	\$5.00	1780	\$8,900.00	\$2.00	1780	\$3,560.00
252	72 s	Conoral Conitoni Courar Bid Itoma	Television Inspection (8"-24") (3300) Sanitary Sewer Private	15	\$218.00	15	\$3,270,00	\$75.00	15	\$1,125.00	\$50.00	15	\$750.00	\$520.00	15	\$7,800.00	\$150.00	15	\$2,250.00
	72 5	General Sanitary Sewer Bid Items	Laterals (4"-6") (Including COSA permit and licensed plumber)		\$218.00	15	\$3,270.00	\$75.00	15	\$1,125.00	\$50.00	15	\$750.00	\$520.00	15	\$7,800.00	\$150.00	15	\$2,250.00
253	73 s	General Sanitary Sewer Bid Items	(3400.1) Manhole Rehabilitation (Structural Cementitious Lining)	VF	\$363.00	10	\$3,630.00	\$300.00	10	\$3,000.00	\$325.00	10	\$3,250.00	\$340.00	10	\$3,400.00	\$320.00	10	\$3,200.00
254	74 s	General Sanitary Sewer Bid Items	(3400.2) Manhole Rehabilitation (Non-Structural High Sulfate Lining)	VF	\$377.00	10	\$3,770.00	\$300.00	10	\$3,000.00	\$350.00	10	\$3,500.00	\$370.00	10	\$3,700.00	\$340.00	10	\$3,400.00
255	75 s	General Sanitary Sewer Bid Items	(3400.3) Manhole Rehabilitation (Structural High Sulfate Lining)	VF	\$421.00	10	\$4,210.00	\$300.00	10	\$3,000.00	\$400.00	10	\$4,000.00	\$400.00	10	\$4,000.00	\$360.00	10	\$3,600.00
	1 sa	Alley Projects Sanitary Sewer Bid Items	(103) Remove Concrete Curb (103) Remove Sidewalks &	LF	\$6.00	40	\$240.00	\$5.00	40		\$5.00	40		\$2.00	40	\$80.00	\$2.00	40	\$80.00
	2 sa 3 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	Drivewavs (103) Remove Miscellaneous Concrete	SF	\$22.00	40 15	\$880.00 \$435.00	\$5.00 \$10.00	40	\$200.00	\$7.00	40	\$280.00	\$3.00 \$5.00	40 15	\$120.00	\$15.00 \$15.00	40	\$600.00
259	4 sa	Alley Projects Sanitary Sewer Bid Items	(205) Hot Mix Asphaltic	SY	\$218.00	100	\$21,800.00	\$75.00	100	\$7,500.00	\$65.00	100	\$6,500.00	\$90.00	100	\$9,000.00	\$80.00	100	\$8,000.00
	5 sa	Alley Projects Sanitary Sewer Bid Items	(206) Asphalt Treated Base (10" Compacted Depth)	SY	\$218.00	40	\$8,720.00	\$75.00	40		\$65.00	40	\$2,600.00	\$100.00	40	\$4,000.00	\$80.00	40	\$3,200.00
	6 sa 7 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	compacted depth)	SY CY	\$87.00 \$218.00	20 20	\$1,740.00 \$4,360.00	\$25.00 \$150.00	20		\$25.00 \$175.00	20 20	\$500.00 \$3,500.00	\$40.00 \$120.00	20 20	\$800.00	\$60.00 \$150.00	20 20	\$1,200.00
	8 sa	Alley Projects Sanitary Sewer Bid Items	(500) Concrete Curb, Gutter, and Concrete Curb and Gutter	LF	\$36.00	40	\$1,440.00	\$35.00	40	\$1,400.00	\$40.00	40	\$1,600.00	\$20.00	40	\$800.00	\$1.00	40	\$40.00
	9 sa 10 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(502) Concrete Sidewalks (503) Portland Cement Concrete Driveway	SY SY	\$44.00 \$73.00	13	\$572.00 \$584.00	\$100.00 \$125.00	13		\$65.00 \$70.00	13	\$845.00 \$560.00	\$70.00 \$77.00	13	\$910.00	\$1.00 \$65.00	13	\$13.00
	11 sa 12 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items		CY SY	\$73.00 \$7.00	10 10	\$730.00 \$70.00	\$35.00 \$20.00	10 10		\$55.00 \$32.00	10 10	\$550.00 \$320.00	\$25.00 \$6.00	10 10	\$250.00 \$60.00	\$20.00 \$10.00	10 10	\$200.00 \$100.00
	13 sa 14 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(516) St. Augustine Sodding (550) Trench Protection	SY LF	\$29.00 \$1.00	10 1420	\$290.00 \$1,420.00	\$20.00 \$5.00	10 1420	\$200.00	\$45.00 \$45.00	10 1420	\$450.00 \$63,900.00	\$6.00 \$8.00	10 1420	\$60.00	\$10.00 \$1.00	10 1420	\$100.00
270	15 sa	Alley Drainate Capitony Couver Did Home	(848) 8" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115	LF	\$89.00	800	\$71,200.00	\$65.00	800	\$52,000.00	\$119.00	800	\$95,200.00	\$54.00	800	\$43,200.00	\$90.00	800	\$72,000.00
			psi or SDR 26-2241, 160 psi), (0'- 6' Cut) (848) 8" PVC Gravity Sanitary																
271	16 sa	Alley Projects Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (6-	LF	\$100.00	200	\$20,000.00	\$75.00	200	\$15,000.00	\$129.00	200	\$25,800.00	\$73.00	200	\$14,600.00	\$280.00	200	\$56,000.00
			14' Cut (848) 8" PVC Gravity Sanitary			_													
272	17 sa	Alley Projects Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' Cu	LF	\$89.00	100	\$8,900.00	\$125.00	100	\$12,500.00	\$139.00	100	\$13,900.00	\$81.00	100	\$8,100.00	\$120.00	100	\$12,000.00
273	18 sa	Alley Projects Sanitary Sewer Bid Items	(848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (0'-	LF	\$89.00	200	\$17,800.00	\$70.00	200	\$14,000.00	\$151.00	200	\$30,200.00	\$48.00	200	\$9,600.00	\$130.00	200	\$26,000.00
274	19 sa	Alley Projects Sanitary Sewer Bid Items	6' Cut (848) 12" PVC Gravity Sanitary Sewer Pipe (SDR 26-3034, 115	LF	\$116.00	80	\$9,280.00	\$95.00	80	\$7.600.00	\$171.00	80	\$13,680.00	\$61.00	80	\$4,880.00	\$300.00	80	\$24,000.00
			psi or SDR 26-2241, 160 psi), (6'- 14' Cu (848) 12" PVC Gravity Sanitary	-	\$110.00	80	\$7,26U.UU	\$95.00	80	\$7,000.00	3171.00	80	¢13,680.00	301.00	80	\$4,68U.UU	\$300.00	80	\$24,000.00
275	20 sa	Alley Projects Sanitary Sewer Bid Items	Sewer Pipe (SDR 26-3034, 115 psi or SDR 26-2241, 160 psi), (14'-22' C	LF	\$116.00	40	\$4,640.00	\$125.00	40	\$5,000.00	\$191.00	40	\$7,640.00	\$95.00	40	\$3,800.00	\$130.00	40	\$5,200.00
276	21 sa	Alley Projects Sanitary Sewer Bid Items	(851) Adjust Existing Manhole (Watertight Ring and Cover)	EA	\$711.00	2	\$1,422.00	\$3,000.00	2	\$6,000.00	\$750.00	2	\$1,500.00	\$200.00	2	\$400.00	\$1,000.00	2	\$2,000.00
	22 sa 23 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(0'-6') (852) Sanitary Sewer Drop		\$13,350.00	5	\$66,750.00 \$28.150.00	\$6,000.00	5	\$30,000.00	\$10,280.00	5	\$51,400.00	\$5,900.00	5	\$29,500.00	\$7,500.00	5	\$37,500.00
	23 sa 24 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	Manhole (0'-6') (852) Extra Depth Manholes (greater than 6')	VF	\$14,075.00 \$461.00	2	\$28,150.00 \$2,766.00	\$7,000.00	6	\$14,000.00	\$7,780.00	6	\$15,560.00	\$6,700.00	6	\$13,400.00	\$8,500.00	6	\$17,000.00
280	25 sa	Alley Projects Sanitary Sewer Bid Items	(854) Sanitary Sewer Laterals, (SDR 26, ASTM 2241, 160 psi)	LF	\$118.00	300	\$35,400.00	\$75.00	300	\$22,500.00	\$56.00	300	\$16,800.00	\$28.00	300	\$8,400.00	\$1.00	300	\$300.00
-	26 sa	Alley Projects Sanitary Sewer Bid Items	Clean-out (855) Reconstruction of Existing	EA	\$537.00	20	\$10,740.00	\$900.00	20		\$495.00	20		\$550.00	20	\$11,000.00	\$1,200.00	20	\$24,000.00
	27 sa 28 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(856) 18" Steel Casing (Open Cut)	EA LF	\$11,610.00 \$122.00	1	\$11,610.00 \$1,220.00	\$10,000.00 \$100.00	1	\$10,000.00	\$3,500.00	1	\$3,500.00	\$1,800.00	1	\$1,800.00	\$2,000.00	1	\$2,000.00
	29 sa 30 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(856) 24" Steel Casing (Open Cut)	LF LF	\$128.00 \$41.00	10 10	\$1,280.00 \$410.00	\$125.00 \$100.00	10		\$123.00 \$74.00	10 10	\$1,230.00 \$740.00	\$80.00 \$26.00	10 10	\$800.00	\$65.00 \$200.00	10 10	\$650.00 \$2,000.00
286	31 sa	Alley Projects Sanitary Sewer Bid Items	A second s	LF	\$77.00	10	\$770.00	\$125.00	10	\$1,250.00	\$107.00	10	\$1,070.00	\$36.00	10	\$360.00	\$100.00	10	\$1,000.00
	32 sa 33 sa	Alley Projects Sanitary Sewer Bid Items Alley Projects Sanitary Sewer Bid Items	(858) Concrete Encasement, Cradles, Saddles and Collars (860) Vertical Stacks	CY VF	\$218.00	8	\$1,744.00	\$150.00	8	\$1,200.00	\$135.00	5	\$1,080.00	\$90.00	8	\$720.00	\$200.00	8	\$1,600.00
	34 sa	Alley Projects Sanitary Sewer Bid Items	(864) Bypass Pumping (8"-12"), per each work order	EA	\$10,880.00	3	\$32,640.00	\$2,000.00	3	\$6,000.00	\$8,000.00	3	\$24,000.00	\$15,000.00	3	\$45,000.00	\$8,500.00	3	\$25,500.00
290	35 sa	Alley Projects Sanitary Sewer Bid Items	(866) Pre Sewer Main Television Inspection (8"-12")	LF	\$12.00	1420	\$17,040.00	\$10.00	1420	\$14,200.00	\$3.00	1420	\$4,260.00	\$3.00	1420	\$4,260.00	\$3.00	1420	\$4,260.00
291	36 sa	Alley Projects Sanitary Sewer Bid Items	(866) Post Sewer Main Television Inspection (8"-12")	LF	\$10.00	1420	\$14,200.00	\$5.00	1420	\$7,100.00	\$3.00	1420	\$4,260.00	\$5.00	1420	\$7,100.00	\$2.00	1420	\$2,840.00
292	37 sa	Alley Projects Sanitary Sewer Bid Items	(3300) Sanitary Sewer Private Laterals (4"-6") (including COSA permit and licensed plumber)	LF	\$218.00	15	\$3,270.00	\$75.00	15	\$1,125.00	\$50.00	15	\$750.00	\$340.00	15	\$5,100.00	\$125.00	15	\$1,875.00
293	38 sa		(3400.1) Manhole Rehabilitation (Structural Cementitious Lining)	VF	\$363.00	10	\$3,630.00	\$300.00	10	\$3,000.00	\$325.00	10	\$3,250.00	\$370.00	10	\$3,700.00	\$310.00	10	\$3,100.00
294	39 sa	Alley Projects Sanitary Sewer Bid Items	(3400.2) Manhole Rehabilitation	VF	\$37.00	10	\$370.00	\$300.00	10	\$3,000.00	\$350.00	10	\$3,500.00	\$400.00	10	\$4,000.00	\$320.00	10	\$3,200.00
	40 sa	Allow Projects Conitons Cower Did Home	Lining) (3400.3) Manhole Rehabilitation		\$421.00	10	\$4,210,00	\$300.00	10		\$400.00	10		\$520.00	10	\$5,200.00		10	\$3,300.00
295 295		Total	(structural High Suirate Lining)		912 1.00	10	\$3,327,171.00	9300.00	10	\$2,077,900.00	3400.00	10	\$3,450,849.00	\$320.00	10	\$2,143,907.00	\$330.00	10	\$2,227,472.00
		CALENDAR DAYS TO COMPLETE	1				730			730			730			730	J	L	730