

BID TAB FOR: Chlorine Dioxide Feed System Improvements  
 BID DATE: May 8, 2013

FILE NO. 2012-007-00  
 CODE: 5002-WC0048

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*1. North Bay Construction, Inc.		**2. Nerone & Sons, Inc.		***3.ABC Piping Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>WORK FROM VAULT #5 TO INTAKE LINE DISCHARGE</b>												
1	202	PAVEMENT REMOVED	112	SY	\$ 5.00	\$560.00	\$10.50	\$1,176.00	\$11.02	\$1,234.24	\$10.00	\$1,120.00
2	203	SUBGRADE COMPACTION	208	SY	\$ 1.50	\$312.00	\$16.00	\$3,328.00	\$1.05	\$218.40	\$5.00	\$1,040.00
3	301	BITUMINOUS AGGREGATE BASE COURSE (7" DEPTH) AGGREGATE BASE (6" DEPTH - GRAVEL DRIVE	22	CY	\$ 175.00	\$3,850.00	\$56.00	\$1,232.00	\$228.90	\$5,035.80	\$4.00	\$88.00
4	304	REPLACEMENT)	16	CY	\$ 50.00	\$800.00	\$56.00	\$896.00	\$64.31	\$1,028.96	\$4.00	\$64.00
5	626	GEOTEXTILE FABRIC (GRAVEL DRIVE REPLACEMENT)	96	SY	\$ 2.00	\$192.00	\$3.00	\$288.00	\$1.05	\$100.80	\$2.00	\$192.00
6	407	TACK COAT (.10 GAL/SY)	11	GAL	\$ 3.00	\$33.00	\$5.00	\$55.00	\$2.63	\$28.93	\$2.00	\$22.00
7	408	PRIME COAT (.40 GAL/SY)	44	GAL	\$ 3.50	\$154.00	\$7.00	\$308.00	\$4.20	\$184.80	\$3.00	\$132.00
8	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, 1.75" DEPTH	6	CY	\$ 200.00	\$1,200.00	\$630.00	\$3,780.00	\$386.40	\$2,318.40	\$5.00	\$30.00
9	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 1.25" DEPTH	4	CY	\$ 200.00	\$800.00	\$820.00	\$3,280.00	\$462.00	\$1,848.00	\$4.00	\$16.00
10	614	MAINTAINING TRAFFIC	1	LS	\$ 3,500.00	\$3,500.00		\$400.00		\$1,050.00		\$3,000.00
11	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$ 4,000.00	\$4,000.00		\$1,730.00		\$1,050.00		\$3,000.00
12	624	MOBILIZATION	1	LS	\$ 10,000.00	\$10,000.00		\$6,500.00		\$15,351.00		\$2,000.00
13	SPECIAL	6 - 4" PVC CONTAINMENT PIPES, AS PER PLAN	200	LF	\$ 85.00	\$17,000.00	\$5.40	\$1,080.00	\$39.03	\$7,806.00	\$4.00	\$800.00
14	SPECIAL	2" BRAIDFLEX, AS PER PLAN (MATERIAL ONLY) PULL 2 - 2" BRAIDFLEX CHLORINE DIOXIDE AND 2 - 2" BRAIDFLEX CARBON LINES IN 4" PVC CONTAINMENT	940	LF	\$ 7.00	\$6,580.00	\$6.30	\$5,922.00	\$4.99	\$4,690.60	\$5.00	\$4,700.00
15	SPECIAL	PIPES, AS PER PLAN	1	LS	\$ 9,500.00	\$9,500.00		\$3,200.00		\$7,560.00		\$8,000.00
16	SPECIAL	7' X 7' PRECAST CONCRETE VAULT #5A, AS PER PLAN	1	EACH	\$ 12,000.00	\$12,000.00	\$11,700.00	\$11,700.00	\$8,925.00	\$8,925.00	\$12,000.00	\$12,000.00
17	SPECIAL	6' X 10' PRECAST CONCRETE VAULT #5B, AS PER PLAN PREMIUM BACKFILL UNDER PROPOSED VAULTS (2), AS	1	EACH	\$ 15,000.00	\$15,000.00	\$10,100.00	\$10,100.00	\$32,172.95	\$32,172.95	\$9,000.00	\$9,000.00
18	SPECIAL	PER PLAN	8	CY	\$ 50.00	\$400.00	\$55.00	\$440.00	\$71.14	\$569.12	\$40.00	\$320.00
19	SPECIAL	ALUMINUM VAULT HATCH, AS PER PLAN	2	EACH	\$ 500.00	\$1,000.00	\$990.00	\$1,980.00	\$630.00	\$1,260.00	\$1,200.00	\$2,400.00
20	SPECIAL	HYDROTITE WATERSTOP, AS PER PLAN INSTALL PIPE BUNDLE IN CASING PIPE AT ROAD	40	LF	\$ 10.00	\$400.00	\$20.00	\$800.00	\$24.05	\$962.00	\$30.00	\$1,200.00
21	SPECIAL	CROSSING, AS PER PLAN	1	LS	\$ 2,500.00	\$2,500.00		\$1,300.00		\$3,045.84		\$5,000.00
22	SPECIAL	ROAD BORING (20" Ø STEEL CASING PIPE) TEST PIT AT EXISTING BULKHEAD TO VERIFY	35	LF	\$ 350.00	\$12,250.00	\$215.00	\$7,525.00	\$297.15	\$10,400.25	\$180.00	\$6,300.00
23	SPECIAL	DIMENSIONS, AS PER PLAN 78" DIAMETER CUSTOM BULKHEAD, AS PER PLAN	1	LS	\$ 2,500.00	\$2,500.00		\$1,800.00		\$2,625.00		\$5,000.00
24	SPECIAL	(MATERIAL ONLY) BULKHEAD EXCAVATION AND INSTALLATION, AS PER	1	EACH	\$ 24,000.00	\$24,000.00	\$36,700.00	\$36,700.00	\$34,650.00	\$34,650.00		\$36,000.00
25	SPECIAL	PLAN 2 - 4 PIPE AND 2 - 2 PIPE SUPPORT BRACKETS W/ANCHOR	1	LS	\$ 15,000.00	\$15,000.00		\$16,100.00		\$6,300.00		\$9,000.00
26	SPECIAL	RODS, AS PER PLAN 2" HDPE CHEMICAL LINES IN INTAKE PIPE, AS PER PLAN	4	EACH	\$ 1,000.00	\$4,000.00	\$925.00	\$3,700.00	\$787.50	\$3,150.00	\$180.00	\$720.00
27	SPECIAL	(MATERIAL ONLY)	5,000	LF	\$ 2.50	\$12,500.00	\$2.00	\$10,000.00	\$4.99	\$24,950.00	\$4.00	\$20,000.00
28	SPECIAL	LINK-SEAL MODULAR SEALS, AS PER PLAN PULLING HDPE CHEMICAL LINES INTO INTAKE LINE FOR	1	LS	\$ 1,000.00	\$1,000.00		\$1,100.00		\$2,047.50		\$4,000.00
29	SPECIAL	DIVER INSTALLATION, AS PER PLAN	1	LS	\$ 40,000.00	\$40,000.00		\$16,200.00		\$8,820.00		\$15,000.00
30	SPECIAL	ASSIST CITY TO REESTABLISH SIPHON IN INTAKE LINE	1	LS	\$ 1,200.00	\$1,200.00		\$530.00		\$2,100.00		\$5,000.00
31	SPECIAL	DIVER LABOR	1	LS	\$ 25,000.00	\$25,000.00		\$22,200.00		\$23,100.00		\$18,000.00
32	608	REMOVE AND REPLACE CHAIN LINK FENCE	1	LS	\$ 1,000.00	\$1,000.00		\$560.00		\$2,100.00		\$2,500.00

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REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*1. North Bay Construction, Inc.		**2. Nerone & Sons, Inc.		***3.ABC Piping Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
33	653	TOPSOIL FURNISHED AND PLACED	5	CY	\$ 35.00	\$175.00	\$60.00	\$300.00	\$52.50	\$262.50	\$100.00	\$500.00
34	659	SEEDING AND MULCHING	30	SY	\$ 1.00	\$30.00	\$6.00	\$180.00	\$5.25	\$157.50	\$2.00	\$60.00
35	SPECIAL	2" PVC VALVES, AS PER PLAN	4	EACH	\$ 75.00	\$300.00	\$140.00	\$560.00	\$105.00	\$420.00	\$50.00	\$200.00
36	SPECIAL	COUPLINGS (PVC TO HDPE), AS PER PLAN CORE DRILL (2) 6" DIA. HOLE IN NORTH SIDE OF VAULT	4	EACH	\$ 140.00	\$560.00	\$190.00	\$760.00	\$26.25	\$105.00	\$50.00	\$200.00
37	SPECIAL	#5, AS PER PLAN	1	LS	\$ 200.00	\$200.00		\$700.00		\$577.50		\$800.00
38	SPECIAL	PIPE/VALVE SUPPORTS IN VAULTS, AS PER PLAN	1	LS	\$ 500.00	\$500.00		\$14,200.00		\$8,998.50		\$500.00
39	SPECIAL	PIPE MARKERS, AS PER PLAN 3/8" PROOF COIL 304 SST CHAIN INSTALLED IN INTAKE	1	LS	\$ 200.00	\$200.00		\$1,500.00		\$1,968.75		\$1,500.00
40	SPECIAL	PIPE, AS PER PLAN	1,720	LF	\$ 15.00	\$25,800.00	\$5.00	\$8,600.00	\$11.55	\$19,866.00	\$25.00	\$43,000.00
	SPECIAL	DEWATERING - ALLOWANCE	1	LS	\$ 50,000.00	\$50,000.00		\$12,000.00		\$5,250.00		\$10,000.00
		<b>WORK IN CHLORINE DIOXIDE ROOM TO VAULT #5</b>										
41	202	PAVEMENT REMOVED	45	SY	\$ 5.00	\$225.00	\$11.00	\$495.00	\$15.17	\$682.65	\$10.00	\$450.00
42	203	SUBGRADE COMPACTION	45	SY	\$ 1.50	\$67.50	\$16.00	\$720.00	\$2.10	\$94.50	\$5.00	\$225.00
43	301	BITUMINOUS AGGREGATE BASE COURSE (7" DEPTH)	9	CY	\$ 175.00	\$1,575.00	\$56.00	\$504.00	\$228.90	\$2,060.10	\$5.00	\$45.00
44	407	TACK COAT (.10 GAL/SY)	5	GAL	\$ 3.00	\$15.00	\$5.00	\$25.00	\$2.63	\$13.15	\$4.00	\$20.00
45	408	PRIME COAT (.40 GAL/SY)	20	GAL	\$ 3.50	\$70.00	\$7.00	\$140.00	\$4.20	\$84.00	\$4.00	\$80.00
46	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, 1.75" DEPTH	3	CY	\$ 200.00	\$600.00	\$630.00	\$1,890.00	\$386.40	\$1,159.20	\$5.00	\$15.00
47	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 1.25" DEPTH	2	CY	\$ 200.00	\$400.00	\$820.00	\$1,640.00	\$462.00	\$924.00	\$4.00	\$8.00
48	SPECIAL	REMOVAL OF PIPING, AS PER PLAN	40	HR	\$ 75.00	\$3,000.00	\$55.00	\$2,200.00	\$98.44	\$3,937.60	\$60.00	\$2,400.00
49	SPECIAL	REMOVAL OF ClO2 GENERATOR, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$59.00	\$472.00	\$98.44	\$787.52	\$80.00	\$640.00
50	SPECIAL	REMOVAL OF TANK, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$66.00	\$528.00	\$98.44	\$787.52	\$80.00	\$640.00
51	SPECIAL	CAP EXISTING PIPING, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$95.00	\$760.00	\$98.44	\$787.52	\$80.00	\$640.00
52	SPECIAL	TERMINATE ELECTRICAL, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$70.00	\$280.00	\$84.00	\$336.00	\$1,000.00	\$4,000.00
53	SPECIAL	DISPOSAL COSTS, AS PER PLAN 2" BRAIDFLEX PVC FLEXIBLE TUBING, AS PER PLAN	1	LUMP	\$ 6,000.00	\$6,000.00		\$800.00		\$341.25		\$6,000.00
54	SPECIAL	(MATERIAL ONLY)	2,854	LF	\$ 7.00	\$19,978.00	\$6.00	\$17,124.00	\$5.28	\$15,069.12	\$5.50	\$15,697.00
55	SPECIAL	PULLING BRAIDFLEX, AS PER PLAN	1	LUMP	\$ 36,000.00	\$36,000.00		\$11,800.00		\$11,340.00		\$9,000.00
56	SPECIAL	1/2" BRAIDFLEX PVC FLEXIBLE TUBING, AS PER PLAN	10	FT	\$ 7.50	\$75.00	\$4.00	\$40.00	\$1.05	\$10.50	\$1.00	\$10.00
57	SPECIAL	PVC BALL VALVES, AS PER PLAN	3	EACH	\$ 66.67	\$200.00	\$140.00	\$420.00	\$84.00	\$252.00	\$90.00	\$270.00
58	SPECIAL	2" PVC SCH 40 PIPE, AS PER PLAN	20	FT	\$ 1.50	\$30.00	\$7.00	\$140.00	\$2.10	\$42.00	\$40.00	\$800.00
59	SPECIAL	SCH 40 PVC ELBOWS, AS PER PLAN	12	EACH	\$ 12.50	\$150.00	\$44.00	\$528.00	\$3.68	\$44.16	\$10.00	\$120.00
60	SPECIAL	2" SCH 40 PVC TEE, AS PER PLAN	1	EACH	\$ 16.00	\$16.00	\$97.00	\$97.00	\$5.25	\$5.25	\$15.00	\$15.00
61	SPECIAL	PVC HOSE ADAPTER, AS PER PLAN	2	EACH	\$ 7.50	\$15.00	\$270.00	\$540.00	\$3.15	\$6.30	\$50.00	\$100.00
62	SPECIAL	SS HOSE CLAMPS, AS PER PLAN	1	LUMP	\$ 50.00	\$50.00		\$520.00		\$420.00		\$500.00
63	SPECIAL	ClO2 GENERATOR, AS PER PLAN	1	EACH	\$ 71,000.00	\$71,000.00	\$154,300.00	\$154,300.00	\$140,700.00	\$140,700.00	\$165,000.00	\$165,000.00
64	SPECIAL	1-YEAR SERVICE AGREEMENT FOR ClO2 GENERATOR	1	EACH	\$ 10,000.00	\$10,000.00	\$5,400.00	\$5,400.00	\$5,250.00	\$5,250.00	\$8,000.00	\$8,000.00
65	SPECIAL	PIPE HANGERS, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$3,200.00		\$105.00		\$5,000.00
66	SPECIAL	COPPER TUBING, AS PER PLAN	1	LUMP	\$ 150.00	\$150.00		\$995.00		\$357.00		\$1,000.00
67	SPECIAL	2" BRONZE SHUTOFF VALVE, AS PER PLAN	1	EACH	\$ 150.00	\$150.00	\$165.00	\$165.00	\$152.25	\$152.25	\$395.00	\$395.00
68	SPECIAL	MISC COPPER FITTINGS, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$650.00		\$241.50		\$400.00
69	SPECIAL	INSULATION, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$330.00		\$168.00		\$5,000.00
70	SPECIAL	INSTALL 1/2" HOSE, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$95.00	\$380.00	\$105.00	\$420.00	\$500.00	\$2,000.00
71	SPECIAL	INSTALL 2" HOSE, AS PER PLAN	60	HR	\$ 75.00	\$4,500.00	\$94.00	\$5,640.00	\$126.00	\$7,560.00	\$80.00	\$4,800.00

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REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		*1. North Bay Construction, Inc.		**2. Nerone & Sons, Inc.		***3.ABC Piping Co.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
72	SPECIAL	INSTALL NEW VALVING, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$100.00	\$800.00	\$105.00	\$840.00	\$80.00	\$640.00
73	SPECIAL	POTABLE WATER MODIFICATIONS, AS PER PLAN MECHANICAL INSTALLATION OF CIO2 GENERATOR, AS	8	HR	\$ 75.00	\$600.00	\$94.00	\$752.00	\$210.00	\$1,680.00	\$80.00	\$640.00
74	SPECIAL	PER PLAN	8	HR	\$ 75.00	\$600.00	\$149.00	\$1,192.00	\$210.00	\$1,680.00	\$80.00	\$640.00
75	SPECIAL	CORE DRILLING OF BLOCK WALL, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$66.00	\$264.00	\$78.75	\$315.00	\$80.00	\$320.00
76	SPECIAL	MOBILE HOIST RENTAL, AS PER PLAN	1	LUMP	\$ 1,500.00	\$1,500.00		\$5,000.00		\$2,362.50		\$5,000.00
77	SPECIAL	2 - 4" PVC CONTAINMENT PIPES, AS PER PLAN CORE DRILL 6" DIA. HOLES IN VAULTS 3, 4 AND 5, AS PER	171	LF	\$ 40.00	\$6,840.00	\$6.00	\$1,026.00	\$29.90	\$5,112.90	\$40.00	\$6,840.00
78	SPECIAL	PLAN	1	LS	\$ 800.00	\$800.00		\$1,300.00		\$1,785.00		\$1,500.00
79	SPECIAL	ELECTRICAL WORK, AS PER PLAN	1	LUMP	\$ 5,000.00	\$5,000.00		\$1,200.00		\$3,675.00		\$10,000.00

TOTAL CONSTRUCTION COSTS						\$479,202.50	\$438,967.00	\$465,877.83	\$491,254.00
+/- ENGINEER'S ESTIMATE							-8.4%	-2.8%	+2.5%

\* Ref #27 initialed but not dated; Form 1A DBE Subcontractor Proposed Performance Form left blank.

\*\* Ref #'s 1,4,6,13,14,18,20,27,42,45,49,50,51,52,55,60,78 total is incorrect; Ref #37 correction was not initialed or dated; Unofficial Construction Costs Total is incorrect.

\*\*\*Ref 24 Unit Price is missing; Ref # 57 and 76 correction is initialed but not dated; Ref # 71 total is incorrect; Unofficial Construction Cost Total is incorrect;

Form 1A DBE Subcontractor Proposed Performance Form & 1B DBE Subcontractor Utilization Summary Form left blank; 2nd EEO Form left blank.

\*\*\*\* Ref #26 total is incorrect; Ref #'s 27 and #55 corrections initialed but not dated; Unofficial Construction Cost Total is incorrect.

BID TAB FOR: Chlorine Dioxide Feed System Improvements  
 BID DATE: May 8, 2013

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REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4.Kenmore Construction Co.		****5.Workman Industrial Serv.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>WORK FROM VAULT #5 TO INTAKE LINE DISCHARGE</b>										
1	202	PAVEMENT REMOVED	112	SY	\$ 5.00	\$560.00	\$15.00	\$1,680.00	\$8.25	\$924.00
2	203	SUBGRADE COMPACTION	208	SY	\$ 1.50	\$312.00	\$1.00	\$208.00	\$1.71	\$355.68
3	301	BITUMINOUS AGGREGATE BASE COURSE (7" DEPTH) AGGREGATE BASE (6" DEPTH - GRAVEL DRIVE	22	CY	\$ 175.00	\$3,850.00	\$200.00	\$4,400.00	\$60.61	\$1,333.42
4	304	REPLACEMENT)	16	CY	\$ 50.00	\$800.00	\$50.00	\$800.00	\$35.75	\$572.00
5	626	GEOTEXTILE FABRIC (GRAVEL DRIVE REPLACEMENT)	96	SY	\$ 2.00	\$192.00	\$2.00	\$192.00	\$27.50	\$2,640.00
6	407	TACK COAT (.10 GAL/SY)	11	GAL	\$ 3.00	\$33.00	\$5.00	\$55.00	\$2.47	\$27.17
7	408	PRIME COAT (.40 GAL/SY)	44	GAL	\$ 3.50	\$154.00	\$5.00	\$220.00	\$4.40	\$193.60
8	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, 1.75" DEPTH	6	CY	\$ 200.00	\$1,200.00	\$250.00	\$1,500.00	\$385.00	\$2,310.00
9	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 1.25" DEPTH	4	CY	\$ 200.00	\$800.00	\$300.00	\$1,200.00	\$385.00	\$1,540.00
10	614	MAINTAINING TRAFFIC	1	LS	\$ 3,500.00	\$3,500.00		\$1,000.00		\$2,000.00
11	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$ 4,000.00	\$4,000.00		\$500.00		\$1,400.00
12	624	MOBILIZATION	1	LS	\$ 10,000.00	\$10,000.00		\$4,000.00		\$5,017.00
13	SPECIAL	6 - 4" PVC CONTAINMENT PIPES, AS PER PLAN	200	LF	\$ 85.00	\$17,000.00	\$150.00	\$30,000.00	\$110.00	\$22,000.00
14	SPECIAL	2" BRAIDFLEX, AS PER PLAN (MATERIAL ONLY) PULL 2 - 2" BRAIDFLEX CHLORINE DIOXIDE AND 2 - 2" BRAIDFLEX CARBON LINES IN 4" PVC CONTAINMENT	940	LF	\$ 7.00	\$6,580.00	\$5.00	\$4,700.00	\$5.19	\$4,878.60
15	SPECIAL	PIPES, AS PER PLAN	1	LS	\$ 9,500.00	\$9,500.00		\$8,000.00		\$15,043.00
16	SPECIAL	7' X 7' PRECAST CONCRETE VAULT #5A, AS PER PLAN	1	EACH	\$ 12,000.00	\$12,000.00	\$15,000.00	\$15,000.00	\$14,225.00	\$14,225.00
17	SPECIAL	6' X 10' PRECAST CONCRETE VAULT #5B, AS PER PLAN PREMIUM BACKFILL UNDER PROPOSED VAULTS (2), AS	1	EACH	\$ 15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$9,869.00	\$9,869.00
18	SPECIAL	PER PLAN	8	CY	\$ 50.00	\$400.00	\$40.00	\$320.00	\$51.48	\$411.84
19	SPECIAL	ALUMINUM VAULT HATCH, AS PER PLAN	2	EACH	\$ 500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$770.00	\$1,540.00
20	SPECIAL	HYDROTITE WATERSTOP, AS PER PLAN INSTALL PIPE BUNDLE IN CASING PIPE AT ROAD	40	LF	\$ 10.00	\$400.00	\$10.00	\$400.00	\$22.00	\$880.00
21	SPECIAL	CROSSING, AS PER PLAN	1	LS	\$ 2,500.00	\$2,500.00		\$2,000.00		\$2,147.00
22	SPECIAL	ROAD BORING (20" Ø STEEL CASING PIPE) TEST PIT AT EXISTING BULKHEAD TO VERIFY	35	LF	\$ 350.00	\$12,250.00	\$350.00	\$12,250.00	\$256.00	\$8,960.00
23	SPECIAL	DIMENSIONS, AS PER PLAN 78" DIAMETER CUSTOM BULKHEAD, AS PER PLAN	1	LS	\$ 2,500.00	\$2,500.00		\$1,000.00		\$2,058.00
24	SPECIAL	(MATERIAL ONLY) BULKHEAD EXCAVATION AND INSTALLATION, AS PER	1	EACH	\$ 24,000.00	\$24,000.00	\$45,000.00	\$45,000.00	\$39,183.00	\$39,183.00
25	SPECIAL	PLAN 2 - 4 PIPE AND 2 - 2 PIPE SUPPORT BRACKETS W/ANCHOR	1	LS	\$ 15,000.00	\$15,000.00		\$20,000.00		\$5,199.00
26	SPECIAL	RODS, AS PER PLAN 2" HDPE CHEMICAL LINES IN INTAKE PIPE, AS PER PLAN	4	EACH	\$ 1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$2,205.00	\$8,820.00
27	SPECIAL	(MATERIAL ONLY)	5,000	LF	\$ 2.50	\$12,500.00	\$2.00	\$10,000.00	\$2.04	\$10,200.00
28	SPECIAL	LINK-SEAL MODULAR SEALS, AS PER PLAN PULLING HDPE CHEMICAL LINES INTO INTAKE LINE FOR	1	LS	\$ 1,000.00	\$1,000.00		\$2,000.00		\$3,201.00
29	SPECIAL	DIVER INSTALLATION, AS PER PLAN	1	LS	\$ 40,000.00	\$40,000.00		\$10,000.00		\$40,805.00
30	SPECIAL	ASSIST CITY TO REESTABLISH SIPHON IN INTAKE LINE	1	LS	\$ 1,200.00	\$1,200.00		\$500.00		\$750.00
31	SPECIAL	DIVER LABOR	1	LS	\$ 25,000.00	\$25,000.00		\$25,000.00		\$15,048.00
32	608	REMOVE AND REPLACE CHAIN LINK FENCE	1	LS	\$ 1,000.00	\$1,000.00		\$100.00		\$1,472.00

BID TAB FOR: Chlorine Dioxide Feed System Improvements  
 BID DATE: May 8, 2013

FILE NO. 2012-007-00  
 CODE: 5002-WC0048

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4.Kenmore Construction Co.		****5.Workman Industrial Serv.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
33	653	TOPSOIL FURNISHED AND PLACED	5	CY	\$ 35.00	\$175.00	\$100.00	\$500.00	\$110.00	\$550.00
34	659	SEEDING AND MULCHING	30	SY	\$ 1.00	\$30.00	\$10.00	\$300.00	\$7.14	\$214.20
35	SPECIAL	2" PVC VALVES, AS PER PLAN	4	EACH	\$ 75.00	\$300.00	\$200.00	\$800.00	\$545.00	\$2,180.00
36	SPECIAL	COUPLINGS (PVC TO HDPE), AS PER PLAN CORE DRILL (2) 6" DIA. HOLE IN NORTH SIDE OF VAULT	4	EACH	\$ 140.00	\$560.00	\$250.00	\$1,000.00	\$146.50	\$586.00
37	SPECIAL	#5, AS PER PLAN	1	LS	\$ 200.00	\$200.00		\$500.00		\$399.00
38	SPECIAL	PIPE/VALVE SUPPORTS IN VAULTS, AS PER PLAN	1	LS	\$ 500.00	\$500.00		\$8,000.00		\$11,150.00
39	SPECIAL	PIPE MARKERS, AS PER PLAN 3/8" PROOF COIL 304 SST CHAIN INSTALLED IN INTAKE	1	LS	\$ 200.00	\$200.00		\$2,000.00		\$1,190.00
40	SPECIAL	PIPE, AS PER PLAN	1,720	LF	\$ 15.00	\$25,800.00	\$10.00	\$17,200.00	\$10.00	\$17,200.00
	SPECIAL	DEWATERING - ALLOWANCE	1	LS	\$ 50,000.00	\$50,000.00		\$3,000.00		\$3,960.00
		<b>WORK IN CHLORINE DIOXIDE ROOM TO VAULT #5</b>								
41	202	PAVEMENT REMOVED	45	SY	\$ 5.00	\$225.00	\$15.00	\$675.00	\$44.30	\$1,993.50
42	203	SUBGRADE COMPACTION	45	SY	\$ 1.50	\$67.50	\$1.00	\$45.00	\$5.97	\$268.65
43	301	BITUMINOUS AGGREGATE BASE COURSE (7" DEPTH)	9	CY	\$ 175.00	\$1,575.00	\$200.00	\$1,800.00	\$63.80	\$574.20
44	407	TACK COAT (.10 GAL/SY)	5	GAL	\$ 3.00	\$15.00	\$5.00	\$25.00	\$2.47	\$12.35
45	408	PRIME COAT (.40 GAL/SY)	20	GAL	\$ 3.50	\$70.00	\$5.00	\$100.00	\$4.40	\$88.00
46	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, 1.75" DEPTH	3	CY	\$ 200.00	\$600.00	\$250.00	\$750.00	\$385.00	\$1,155.00
47	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, 1.25" DEPTH	2	CY	\$ 200.00	\$400.00	\$300.00	\$600.00	\$385.00	\$770.00
48	SPECIAL	REMOVAL OF PIPING, AS PER PLAN	40	HR	\$ 75.00	\$3,000.00	\$45.00	\$1,800.00	\$73.72	\$2,948.80
49	SPECIAL	REMOVAL OF ClO2 GENERATOR, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$45.00	\$360.00	\$90.58	\$724.64
50	SPECIAL	REMOVAL OF TANK, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$45.00	\$360.00	\$90.58	\$724.64
51	SPECIAL	CAP EXISTING PIPING, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$45.00	\$360.00	\$84.25	\$674.00
52	SPECIAL	TERMINATE ELECTRICAL, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$75.00	\$300.00	\$84.70	\$338.80
53	SPECIAL	DISPOSAL COSTS, AS PER PLAN 2" BRAIDFLEX PVC FLEXIBLE TUBING, AS PER PLAN	1	LUMP	\$ 6,000.00	\$6,000.00		\$50.00		\$1,015.00
54	SPECIAL	(MATERIAL ONLY)	2,854	LF	\$ 7.00	\$19,978.00	\$5.00	\$14,270.00	\$5.44	\$15,525.76
55	SPECIAL	PULLING BRAIDFLEX, AS PER PLAN	1	LUMP	\$ 36,000.00	\$36,000.00		\$6,000.00		\$18,582.00
56	SPECIAL	1/2" BRAIDFLEX PVC FLEXIBLE TUBING, AS PER PLAN	10	FT	\$ 7.50	\$75.00	\$5.00	\$50.00	\$28.30	\$283.00
57	SPECIAL	PVC BALL VALVES, AS PER PLAN	3	EACH	\$ 66.67	\$200.00	\$300.00	\$900.00	\$125.00	\$375.00
58	SPECIAL	2" PVC SCH 40 PIPE, AS PER PLAN	20	FT	\$ 1.50	\$30.00	\$20.00	\$400.00	\$10.45	\$209.00
59	SPECIAL	SCH 40 PVC ELBOWS, AS PER PLAN	12	EACH	\$ 12.50	\$150.00	\$25.00	\$300.00	\$22.50	\$270.00
60	SPECIAL	2" SCH 40 PVC TEE, AS PER PLAN	1	EACH	\$ 16.00	\$16.00	\$100.00	\$100.00	\$48.00	\$48.00
61	SPECIAL	PVC HOSE ADAPTER, AS PER PLAN	2	EACH	\$ 7.50	\$15.00	\$50.00	\$100.00	\$24.00	\$48.00
62	SPECIAL	SS HOSE CLAMPS, AS PER PLAN	1	LUMP	\$ 50.00	\$50.00		\$500.00		\$897.00
63	SPECIAL	ClO2 GENERATOR, AS PER PLAN	1	EACH	\$ 71,000.00	\$71,000.00	\$175,425.00	\$175,425.00	\$136,048.00	\$136,048.00
64	SPECIAL	1-YEAR SERVICE AGREEMENT FOR ClO2 GENERATOR	1	EACH	\$ 10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,040.00	\$5,040.00
65	SPECIAL	PIPE HANGERS, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$4,000.00		\$1,245.00
66	SPECIAL	COPPER TUBING, AS PER PLAN	1	LUMP	\$ 150.00	\$150.00		\$1,000.00		\$502.00
67	SPECIAL	2" BRONZE SHUTOFF VALVE, AS PER PLAN	1	EACH	\$ 150.00	\$150.00	\$500.00	\$500.00	\$215.00	\$215.00
68	SPECIAL	MISC COPPER FITTINGS, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$500.00		\$299.00
69	SPECIAL	INSULATION, AS PER PLAN	1	LUMP	\$ 100.00	\$100.00		\$300.00		\$135.00
70	SPECIAL	INSTALL 1/2" HOSE, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$50.00	\$200.00	\$77.75	\$311.00
71	SPECIAL	INSTALL 2" HOSE, AS PER PLAN	60	HR	\$ 75.00	\$4,500.00	\$57.00	\$3,420.00	\$77.75	\$4,665.00

BID TAB FOR: Chlorine Dioxide Feed System Improvements  
 BID DATE: May 8, 2013

FILE NO. 2012-007-00  
 CODE: 5002-WC0048

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		4.Kenmore Construction Co.		****5.Workman Industrial Serv.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
72	SPECIAL	INSTALL NEW VALVING, AS PER PLAN	8	HR	\$ 75.00	\$600.00	\$90.00	\$720.00	\$77.75	\$622.00
73	SPECIAL	POTABLE WATER MODIFICATIONS, AS PER PLAN MECHANICAL INSTALLATION OF ClO2 GENERATOR, AS	8	HR	\$ 75.00	\$600.00	\$110.00	\$880.00	\$77.75	\$622.00
74	SPECIAL	PER PLAN	8	HR	\$ 75.00	\$600.00	\$125.00	\$1,000.00	\$77.75	\$622.00
75	SPECIAL	CORE DRILLING OF BLOCK WALL, AS PER PLAN	4	HR	\$ 75.00	\$300.00	\$58.00	\$232.00	\$127.00	\$508.00
76	SPECIAL	MOBILE HOIST RENTAL, AS PER PLAN	1	LUMP	\$ 1,500.00	\$1,500.00		\$100.00		\$27,940.00
77	SPECIAL	2 - 4" PVC CONTAINMENT PIPES, AS PER PLAN CORE DRILL 6" DIA. HOLES IN VAULTS 3, 4 AND 5, AS PER	171	LF	\$ 40.00	\$6,840.00	\$55.00	\$9,405.00	\$50.49	\$8,633.79
78	SPECIAL	PLAN	1	LS	\$ 800.00	\$800.00		\$1,000.00		\$1,777.00
79	SPECIAL	ELECTRICAL WORK, AS PER PLAN	1	LUMP	\$ 5,000.00	\$5,000.00		\$5,000.00		\$2,800.00
TOTAL CONSTRUCTION COSTS						\$479,202.50		\$491,852.00		\$501,942.64
+/- ENGINEER'S ESTIMATE								+2.6%		+4.7%

\* Ref #27 initialed but not dated; Form 1A DBE Subcontractor Proposed Performance Form left blank.  
 \*\* Ref #'s 1,4,6,13,14,18,20,27,42,45,49,50,51,52,55,60,78 total is incorrect; Ref #37 correction was not initialed or dated; Unofficial Constr  
 \*\*\*Ref 24 Unit Price is missing; Ref # 57 and 76 correction is initialed but not dated; Ref # 71 total is incorrect; Unofficial Construction Cost  
 Form 1A DBE Subcontractor Proposed Performance Form & 1B DBE Subcontractor Utilization Summary Form left blank; 2nd EEO F  
 \*\*\*\* Ref #26 total is incorrect; Ref #'s 27 and #55 corrections initialed but not dated; Unofficial Construction Cost Total is incorrect.