

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. Kenmore Construction PRICE	1. Kenmore Construction AMOUNT	2. Kirk Bros. Co., Inc. PRICE	2. Kirk Bros. Co., Inc. AMOUNT	*3. RK Hydro-Vac., Inc. PRICE	*3. RK Hydro-Vac., Inc. AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$7,300.00	\$7,300.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$11,400.00	\$11,400.00
2	624	Mobilization	1	L.S.	\$5,300.00	\$5,300.00	\$1,000.00	\$1,000.00	\$18,000.00	\$18,000.00	\$18,432.00	\$18,432.00
3	SPEC	Remove & Dispose Existing Filter Media	1	L.S.	\$79,500.00	\$79,500.00	\$50,000.00	\$50,000.00	\$56,000.00	\$56,000.00	\$42,460.80	\$42,460.80
4	SPEC	Remove Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$29,707.20	\$29,707.20
5	SPEC	Sort & Inspect Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$1,000.00	\$1,000.00	\$6,000.00	\$6,000.00	\$14,553.60	\$14,553.60
6	SPEC	Pressure Wash Filter Boxes, Wheeler Bottoms, Troughs, & Surface Wash Systems	80	HOURS	\$160.00	\$12,800.00	\$80.00	\$6,400.00	\$125.00	\$10,000.00	\$234.13	\$18,730.40
7	SPEC	Inspect Filter Boxes, Wheeler Bottoms including Thimbles, Troughs, & Surface Wash Systems	1	L.S.	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$7,756.80	\$7,756.80
8	SPEC	Inspect Lateral Channels, Plenums, Flumes, & Clearwell	1	L.S.	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$21,000.00	\$21,000.00	\$27,769.20	\$27,769.20
9	SPEC	Repair Building Expansion Joint - Crack Routing & Seal	50	L.F.	\$29.10	\$1,455.00	\$25.00	\$1,250.00	\$12.00	\$600.00	\$24.86	\$1,243.00
10	SPEC	Repair Building Expansion Joint - Epoxy/Chemical Grouting	60	L.F.	\$66.44	\$3,986.40	\$60.00	\$3,600.00	\$56.40	\$3,384.00	\$39.45	\$2,367.00
11	SPEC	Repair Building Expansion Joint - Concrete Spall Repair	5	S.F.	\$42.67	\$213.35	\$150.00	\$750.00	\$80.00	\$400.00	\$75.20	\$376.00
12	SPEC	Paint Filter Boxes	42	GALLONS	\$92.18	\$3,871.56	\$325.00	\$13,650.00	\$321.00	\$13,482.00	\$766.33	\$32,185.86
13	SPEC	Complete Sweep Nozzle Replacement as a Single & Complete Nozzle. Install Wheeler Bottom Inverted Pyramidal Depression	1,280	EACH	\$7.25	\$9,280.00	\$10.00	\$12,800.00	\$15.50	\$19,840.00	\$13.18	\$16,870.40
14	SPEC	Liner	2,088	EACH	\$26.00	\$54,288.00	\$20.00	\$41,760.00	\$23.00	\$48,024.00	\$26.46	\$55,248.48
15	SPEC	Supply New Filter Spheres As Needed, 3 inch Dia.	5,250	EACH	\$1.33	\$6,982.50	\$1.75	\$9,187.50	\$1.70	\$8,925.00	\$3.10	\$16,275.00
16	SPEC	Supply New Filter Spheres As Needed, 1-1/4 inch Dia.	14,400	EACH	\$0.38	\$5,472.00	\$0.50	\$7,200.00	\$0.45	\$6,480.00	\$0.82	\$11,808.00
17	SPEC	Supply New Filter Spheres As Needed, 1-3/8 inch Dia.	1,800	EACH	\$0.39	\$702.00	\$1.00	\$1,800.00	\$0.45	\$810.00	\$1.06	\$1,908.00
18	SPEC	Place Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$30,000.00	\$30,000.00	\$29,500.00	\$29,500.00	\$29,227.20	\$29,227.20
19	SPEC	Supply & Place New Filter Media	1	L.S.	\$415,000.00	\$415,000.00	\$208,000.00	\$208,000.00	\$200,555.00	\$200,555.00	\$228,571.67	\$228,571.67

ALTERNATE #1

ALT#1	ALT. 1	Supply All New Filter Spheres	1	L.S.	\$71,800.00	\$71,800.00	\$74,000.00	\$74,000.00	\$87,000.00	\$87,000.00	\$76,302.00	\$76,302.00
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TOTAL CONSTRUCTION COSTS						\$644,250.81	\$424,397.50	\$463,000.00	\$566,890.61
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+/- ENGINEER'S ESTIMATE							-34.1%	-28.1%	-12.0%
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ALTERNATE #1

TOTAL CONSTRUCTION COSTS						\$71,800.00	\$74,000.00	\$87,000.00	\$76,302.00
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+/- ENGINEER'S ESTIMATE							+3.1%	+21.2%	+6.3%
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* Ref. #'s 9, 10, and 11 - extended amount incorrect in bid book, Unofficial Construction cost incorrect in bid book, Unofficial Construction Cost Alt #1 incorrect in bid book

** Ref #18 and Unofficial Construction Cost - change initialed but not dated

*** Unofficial Construction Cost incorrect in bid book

**** Bidder Employment Practices Report incomplete

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Stanley Miller Construction PRICE	4. Stanley Miller Construction AMOUNT	**5. Workman Industrial Svc. PRICE	**5. Workman Industrial Svc. AMOUNT	***6. Shook, Inc. PRICE	***6. Shook, Inc. AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$7,300.00	\$7,300.00	\$6,000.00	\$6,000.00	\$7,600.00	\$7,600.00	\$8,700.00	\$8,700.00
2	624	Mobilization	1	L.S.	\$5,300.00	\$5,300.00	\$29,356.00	\$29,356.00	\$12,578.00	\$12,578.00	\$16,500.00	\$16,500.00
3	SPEC	Remove & Dispose Existing Filter Media	1	L.S.	\$79,500.00	\$79,500.00	\$67,955.00	\$67,955.00	\$76,230.00	\$76,230.00	\$98,000.00	\$98,000.00
4	SPEC	Remove Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$18,711.00	\$18,711.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
5	SPEC	Sort & Inspect Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$24,889.00	\$24,889.00	\$2,970.00	\$2,970.00	\$45,000.00	\$45,000.00
6	SPEC	Pressure Wash Filter Boxes, Wheeler Bottoms, Troughs, & Surface Wash Systems	80	HOURS	\$160.00	\$12,800.00	\$56.00	\$4,480.00	\$140.00	\$11,200.00	\$120.00	\$9,600.00
7	SPEC	Inspect Filter Boxes, Wheeler Bottoms including Thimbles, Troughs, & Surface Wash Systems	1	L.S.	\$5,500.00	\$5,500.00	\$9,000.00	\$9,000.00	\$6,600.00	\$6,600.00	\$11,000.00	\$11,000.00
8	SPEC	Inspect Lateral Channels, Plenums, Flumes, & Clearwell	1	L.S.	\$5,000.00	\$5,000.00	\$19,044.00	\$19,044.00	\$6,600.00	\$6,600.00	\$31,000.00	\$31,000.00
9	SPEC	Repair Building Expansion Joint - Crack Routing & Seal	50	L.F.	\$29.10	\$1,455.00	\$23.00	\$1,150.00	\$19.00	\$950.00	\$20.00	\$1,000.00
10	SPEC	Repair Building Expansion Joint - Epoxy/Chemical Grouting	60	L.F.	\$66.44	\$3,986.40	\$45.00	\$2,700.00	\$27.50	\$1,650.00	\$60.00	\$3,600.00
11	SPEC	Repair Building Expansion Joint - Concrete Spall Repair	5	S.F.	\$42.67	\$213.35	\$111.00	\$555.00	\$48.00	\$240.00	\$300.00	\$1,500.00
12	SPEC	Paint Filter Boxes	42	GALLONS	\$92.18	\$3,871.56	\$1,000.00	\$42,000.00	\$550.00	\$23,100.00	\$575.00	\$24,150.00
13	SPEC	Complete Sweep Nozzle Replacement as a Single & Complete Nozzle. Install Wheeler Bottom Inverted Pyramidal Depression	1,280	EACH	\$7.25	\$9,280.00	\$10.00	\$12,800.00	\$26.00	\$33,280.00	\$16.00	\$20,480.00
14	SPEC	Liner	2,088	EACH	\$26.00	\$54,288.00	\$40.00	\$83,520.00	\$25.00	\$52,200.00	\$28.00	\$58,464.00
15	SPEC	Supply New Filter Spheres As Needed, 3 inch Dia.	5,250	EACH	\$1.33	\$6,982.50	\$1.64	\$8,610.00	\$1.50	\$7,875.00	\$1.55	\$8,137.50
16	SPEC	Supply New Filter Spheres As Needed, 1-1/4 inch Dia.	14,400	EACH	\$0.38	\$5,472.00	\$0.44	\$6,336.00	\$0.42	\$6,048.00	\$0.40	\$5,760.00
17	SPEC	Supply New Filter Spheres As Needed, 1-3/8 inch Dia.	1,800	EACH	\$0.39	\$702.00	\$0.45	\$810.00	\$0.43	\$774.00	\$0.41	\$738.00
18	SPEC	Place Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$35,778.00	\$35,778.00	\$43,450.00	\$43,450.00	\$27,000.00	\$27,000.00
19	SPEC	Supply & Place New Filter Media	1	L.S.	\$415,000.00	\$415,000.00	\$225,704.00	\$225,704.00	\$298,877.00	\$298,877.00	\$226,770.00	\$226,770.00

ALTERNATE #1

ALT#1	ALT. 1	Supply All New Filter Spheres	1	L.S.	\$71,800.00	\$71,800.00	\$87,243.00	\$87,243.00	\$79,225.00	\$79,225.00	\$72,400.00	\$72,400.00
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TOTAL CONSTRUCTION COSTS						\$644,250.81	\$599,398.00	\$622,222.00	\$622,399.50
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+/- ENGINEER'S ESTIMATE							-7.0%	-3.4%	-3.4%
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ALTERNATE #1

TOTAL CONSTRUCTION COSTS						\$71,800.00	\$87,243.00	\$79,225.00	\$72,400.00
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+/- ENGINEER'S ESTIMATE							+21.5%	+10.3%	+0.8%
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* Ref. #'s 9, 10, and 11 - extended amount incorrect in bid book, Unofficial Construction cost incorrect in bid book, Unofficial Construction Cost Alt #1 incorrect in bid book

** Ref #18 and Unofficial Construction Cost - change initialed but not dated

*** Unofficial Construction Cost incorrect in bid book

**** Bidder Employment Practices Report incomplete

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		****7. Nerone & Sons, Inc.		8. North Bay Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$7,300.00	\$7,300.00	\$6,100.00	\$6,100.00	\$13,965.00	\$13,965.00
2	624	Mobilization	1	L.S.	\$5,300.00	\$5,300.00	\$29,250.00	\$29,250.00	\$47,280.00	\$47,280.00
3	SPEC	Remove & Dispose Existing Filter Media	1	L.S.	\$79,500.00	\$79,500.00	\$51,000.00	\$51,000.00	\$59,950.00	\$59,950.00
4	SPEC	Remove Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$26,500.00	\$26,500.00	\$81,060.00	\$81,060.00
5	SPEC	Sort & Inspect Existing Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$23,500.00	\$23,500.00	\$30,250.00	\$30,250.00
6	SPEC	Pressure Wash Filter Boxes, Wheeler Bottoms, Troughs, & Surface Wash Systems	80	HOURS	\$160.00	\$12,800.00	\$300.00	\$24,000.00	\$161.00	\$12,880.00
7	SPEC	Inspect Filter Boxes, Wheeler Bottoms including Thimbles, Troughs, & Surface Wash Systems	1	L.S.	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00	\$17,225.00	\$17,225.00
8	SPEC	Inspect Lateral Channels, Plenums, Flumes, & Clearwell	1	L.S.	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$17,550.00	\$17,550.00
9	SPEC	Repair Building Expansion Joint - Crack Routing & Seal	50	L.F.	\$29.10	\$1,455.00	\$20.00	\$1,000.00	\$10.00	\$500.00
10	SPEC	Repair Building Expansion Joint - Epoxy/Chemical Grouting	60	L.F.	\$66.44	\$3,986.40	\$60.00	\$3,600.00	\$50.00	\$3,000.00
11	SPEC	Repair Building Expansion Joint - Concrete Spall Repair	5	S.F.	\$42.67	\$213.35	\$70.00	\$350.00	\$70.00	\$350.00
12	SPEC	Paint Filter Boxes	42	GALLONS	\$92.18	\$3,871.56	\$150.00	\$6,300.00	\$455.00	\$19,110.00
13	SPEC	Complete Sweep Nozzle Replacement as a Single & Complete Nozzle. Install Wheeler Bottom Inverted Pyramidal Depression	1,280	EACH	\$7.25	\$9,280.00	\$15.00	\$19,200.00	\$27.00	\$34,560.00
14	SPEC	Liner	2,088	EACH	\$26.00	\$54,288.00	\$17.50	\$36,540.00	\$29.50	\$61,596.00
15	SPEC	Supply New Filter Spheres As Needed, 3 inch Dia.	5,250	EACH	\$1.33	\$6,982.50	\$1.70	\$8,925.00	\$1.70	\$8,925.00
16	SPEC	Supply New Filter Spheres As Needed, 1-1/4 inch Dia.	14,400	EACH	\$0.38	\$5,472.00	\$0.45	\$6,480.00	\$0.42	\$6,048.00
17	SPEC	Supply New Filter Spheres As Needed, 1-3/8 inch Dia.	1,800	EACH	\$0.39	\$702.00	\$0.55	\$990.00	\$0.45	\$810.00
18	SPEC	Place Filter Spheres	1	L.S.	\$9,200.00	\$9,200.00	\$12,000.00	\$12,000.00	\$99,750.00	\$99,750.00
19	SPEC	Supply & Place New Filter Media	1	L.S.	\$415,000.00	\$415,000.00	\$342,100.00	\$342,100.00	\$337,600.00	\$337,600.00

ALTERNATE #1

ALT#1	ALT. 1	Supply All New Filter Spheres	1	L.S.	\$71,800.00	\$71,800.00	\$78,000.00	\$78,000.00	\$76,300.00	\$76,300.00
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TOTAL CONSTRUCTION COSTS \$644,250.81 \$625,835.00 \$852,409.00

+/- ENGINEER'S ESTIMATE -2.9% +32.3%

ALTERNATE #1

TOTAL CONSTRUCTION COSTS	\$71,800.00	\$78,000.00	\$76,300.00
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+/- ENGINEER'S ESTIMATE +8.6% +6.3%

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