

Project Name: RICKENBACKER AREA SANITARY PUMP STATION SA-15			CIP # 650775-100000	ENGINEER'S ESTIMATE		KENMORE CONSTRUCTION CO., INC.		PETERSON CONSTRUCTION CO.		HANKS'S PLUMBING & HEATING CO., INC. DBD HPH MECHANICAL CONTRACTORS		THE RIGHTER COMPANY			
P.M.: PAUL ROSEBERRY			Bid Opening: 09/21/2016	Unit Price (\$)	Engineer's Estimate	Unit Price (\$)		Contractor Price (\$)	Unit Price (\$)		Contractor Price (\$)	Unit Price (\$)		Contractor Price (\$)	
Ref. No.	Item Number	Description	Estimated Quantities	Unit	Total Sum of Material and Labor	Total Cost in (\$) Figures	Price of Materials	Price of Labor	Total Cost in (\$) Figures	Price of Materials	Price of Labor	Total Cost in (\$) Figures	Price of Materials	Price of Labor	Total Cost in (\$) Figures
1	201	Clearing and Grubbing	1	LS.	\$1,500.00	\$ 1,500.00	\$0.00	\$100.00	\$ 100.00	\$5,000.00	\$5,000.00	\$ 10,000.00	\$2,500.00	\$2,500.00	\$ 5,000.00
2	207	Sediment and Erosion Control	1	LS.	\$2,500.00	\$ 2,500.00	\$1,000.00	\$4,000.00	\$ 5,000.00	\$500.00	\$3,000.00	\$ 3,500.00	\$7,500.00	\$7,500.00	\$ 15,000.00
3	304	12-Inch Thick No. 304 Aggregate Base	10	C.Y.	\$150.00	\$ 1,500.00	\$60.00	\$100.00	\$ 1,600.00	\$30.00	\$30.00	\$ 600.00	\$150.00	\$150.00	\$ 3,000.00
4	411	10-Inch Thick No. 57 Stabilized Crushed Aggregate Drive	193	C.Y.	\$150.00	\$ 28,950.00	\$55.00	\$60.00	\$ 22,195.00	\$30.00	\$30.00	\$ 11,580.00	\$50.00	\$50.00	\$ 19,300.00
5	452	Concrete Driveway Approach and Bldg. Entrance Pad	17	C.Y.	\$250.00	\$ 4,250.00	\$200.00	\$330.00	\$ 9,010.00	\$150.00	\$150.00	\$ 5,100.00	\$150.00	\$200.00	\$ 5,950.00
6	607	8-Foot Tall Chainlink Fence w/ 3-Strand Barbed Wire	180	LF.	\$50.00	\$ 9,000.00	\$20.00	\$40.00	\$ 10,800.00	\$25.00	\$25.00	\$ 9,000.00	\$50.00	\$40.00	\$ 16,200.00
7	607	16-Foot Double-leaf Chainlink Gate	1	Ea.	\$2,000.00	\$ 2,000.00	\$1,000.00	\$1,500.00	\$ 2,500.00	\$1,000.00	\$1,000.00	\$ 2,000.00	\$2,200.00	\$2,200.00	\$ 4,400.00
8	614	Maintenance of Traffic	1	LS.	\$2,000.00	\$ 2,000.00	\$1,000.00	\$1,500.00	\$ 2,500.00	\$500.00	\$1,500.00	\$ 2,000.00	\$2,500.00	\$3,000.00	\$ 5,500.00
9	623	Construction Layout Stakes	1	LS.	\$4,000.00	\$ 4,000.00	\$2,000.00	\$1,000.00	\$ 3,000.00	\$100.00	\$1,000.00	\$ 1,100.00	\$2,000.00	\$2,000.00	\$ 4,000.00
10	624	Mobilization	1	LS.	\$10,000.00	\$ 10,000.00	\$1,500.00	\$2,000.00	\$ 3,500.00	\$20,000.00	\$99,000.00	\$119,000.00	\$9,500.00	\$9,500.00	\$ 19,000.00
11	659	Seeding and Mulching	450	S.Y.	\$5.00	\$ 2,250.00	\$3.00	\$6.00	\$ 4,050.00	\$0.50	\$1.50	\$ 900.00	\$3.00	\$4.00	\$ 3,150.00
12	659	Water (Seeding)	1	LS.	\$250.00	\$ 250.00	\$90.00	\$10.00	\$ 100.00	\$100.00	\$100.00	\$ 200.00	\$300.00	\$200.00	\$ 500.00
13	SPEC	Bypass Pumping	1	LS.	\$3,000.00	\$ 3,000.00	\$12,000.00	\$4,000.00	\$ 16,000.00	\$6,000.00	\$3,000.00	\$ 9,000.00	\$8,000.00	\$4,000.00	\$ 12,000.00
14	SPEC	Painting Corrosion Protection System	1	LS.	\$15,500.00	\$ 15,500.00	\$3,000.00	\$5,000.00	\$ 8,000.00	\$6,000.00	\$6,000.00	\$ 12,000.00	\$5,000.00	\$4,000.00	\$ 9,000.00
15	SPEC	Wet Well Replacement Piping	1	LS.	\$2,500.00	\$ 2,500.00	\$17,000.00	\$5,000.00	\$ 22,000.00	\$500.00	\$500.00	\$ 1,000.00	\$10,000.00	\$15,000.00	\$ 25,000.00
16	SPEC	Submersible Solids Handling Pumps & Ancillary Equipment	1	LS.	\$20,000.00	\$ 20,000.00	\$45,000.00	\$10,000.00	\$ 55,000.00	\$30,000.00	\$4,000.00	\$ 34,000.00	\$40,500.00	\$50,500.00	\$ 91,000.00
17	SPEC	Precast Concrete Building	1	LS.	\$50,000.00	\$ 50,000.00	\$35,000.00	\$6,000.00	\$ 41,000.00	\$30,000.00	\$6,000.00	\$ 36,000.00	\$30,000.00	\$8,000.00	\$ 38,000.00
18	SPEC	Bollards	4	Ea.	\$150.00	\$ 600.00	\$500.00	\$330.00	\$ 3,320.00	\$500.00	\$300.00	\$ 3,200.00	\$700.00	\$500.00	\$ 4,800.00
19	SPEC	Electrical Service for Building	1	LS.	\$30,000.00	\$ 30,000.00	\$40,000.00	\$25,000.00	\$ 65,000.00	\$35,000.00	\$35,000.00	\$ 70,000.00	\$20,000.00	\$30,000.00	\$ 50,000.00
20	SPEC	Metric Pump Connectors	1	LS.	\$12,000.00	\$ 12,000.00	\$2,000.00	\$2,200.00	\$ 4,200.00	\$1,000.00	\$1,000.00	\$ 2,000.00	\$3,000.00	\$1,000.00	\$ 4,000.00
21	SPEC	Lighting	1	LS.	\$3,000.00	\$ 3,000.00	\$4,000.00	\$6,000.00	\$ 10,000.00	\$2,000.00	\$2,000.00	\$ 4,000.00	\$500.00	\$500.00	\$ 1,000.00
22	SPEC	Generator Recepticle	1	LS.	\$5,000.00	\$ 5,000.00	\$1,000.00	\$1,500.00	\$ 2,500.00	\$1,000.00	\$500.00	\$ 1,500.00	\$3,000.00	\$1,000.00	\$ 4,000.00
23	SPEC	Building Heater and Thermostat	1	LS.	\$2,250.00	\$ 2,250.00	\$500.00	\$1,000.00	\$ 1,500.00	\$1,000.00	\$1,000.00	\$ 2,000.00	\$2,000.00	\$1,000.00	\$ 3,000.00
24	SPEC	Instrumentation and Control	1	LS.	\$40,000.00	\$ 40,000.00	\$90,000.00	\$10,000.00	\$ 100,000.00	\$50,000.00	\$10,000.00	\$ 60,000.00	\$90,000.00	\$10,000.00	\$ 100,000.00
25	SPEC	Project Identification Sign, APP	1	Ea.	\$1,000.00	\$ 1,000.00	\$250.00	\$500.00	\$ 750.00	\$300.00	\$200.00	\$ 500.00	\$1,500.00	\$500.00	\$ 2,000.00
26	SPEC	Antenna Pole	1	LS.	\$1,500.00	\$ 1,500.00	\$1,500.00	\$2,000.00	\$ 3,500.00	\$2,000.00	\$3,000.00	\$ 5,000.00	\$4,000.00	\$3,000.00	\$ 7,000.00
27					Construction Base Subtotal	\$ 254,550.00			\$ 397,125.00			\$ 405,180.00			\$ 451,800.00
28					Radio and Cellular Telemetry Equipment and Services Allowances	\$ 31,500.00	\$16,000.00	\$12,000.00	\$28,000.00	\$ 30,000.00	\$ 29,820.00	\$ 59,820.00	\$ 12,000.00	\$ 7,000.00	\$ 19,000.00
29					Contingency (20%)	\$ 57,210.00			\$85,025.00			\$ 93,000.00			\$ 94,160.00
30					Engineer's Construction Cost: Base + Contingency	\$ 343,260.00			\$510,150.00			\$ 558,000.00			\$ 564,960.00
<p>THE BIDDER'S TOTAL ABOVE IS HIS TOTAL BID BASED UPON HIS UNIT PRICES AND LUMP SUM PRICES AND THE ESTIMATED QUANTITIES SHOWN ON THE PLANS. THIS FIGURE IS FOR INFORMATION AT THE TIME OF THE OPENING OF THE BIDS ONLY. THE CITY WILL MAKE THE TABULATION FROM THE UNIT PRICES AND LUMP SUM PRICE BID. IF THERE IS AN ERROR IN THE TOTAL BY THE BIDDER, IT SHALL BE CHANGED AS ONLY THE UNIT PRICES AND LUMP SUM PRICES SHALL GOVERN.</p>															
<p>Note: The Apparent low bidder: Kenmore Construction Company, Inc.</p>															
					Bond Amount	10%			Bond Amount	10%			Bond Amount	10%	
					Bonding Company (Surety 2000)	Ohio Farmers Insurance Co.			Bonding Company (Surety 2000)	Ohio Farmers Insurance Co.			Bonding Company (Surety 2000)	Ohio Farmers Insurance Co.	
					Proposal Bond Amount Required	\$0.00			Proposal Bond Amount Required	\$55,800.00			Proposal Bond Amount Required	\$56,496.00	
					Vendor No.	006456			Vendor No.	018675			Vendor No.	No	
					Non-Collusion Affidavit Completed?	Yes			Non-Collusion Affidavit Completed?	Yes			Non-Collusion Affidavit Completed?	Yes	
					Local Vendor? Y/N	Yes			Local Vendor? Y/N	No			Local Vendor? Y/N	No	
					Addendum Acknowledgement Completed?	Yes			Addendum Acknowledgement Completed?	Yes			Addendum Acknowledgement Completed?	Yes	
					Prequalification	Yes			Prequalification	Yes			Prequalification	No	
					Proposal Affidavit Completed?	Yes			Proposal Affidavit Completed?	Yes			Proposal Affidavit Completed?	Yes	

1	201	Clearing and Grubbing	1 LS	\$0.00	\$100.00
2	207	Sediment and Erosion Control	1 LS	\$1,000.00	\$4,000.00
3	304	12-Inch Thick No. 304 Aggregate Base	10 CY	\$60.00	\$100.00
4	411	10-Inch Thick No. 57 Stabilized Crushed Aggregate Drive	193 CY	\$55.00	\$60.00
5	452	Concrete Driveway Approach and Bldg. Entrance Pad	17 CY	\$200.00	\$330.00
6	607	8-Foot Tall Chainlink Fence w/ 3-Strand Barbed Wire	180 LF	\$20.00	\$40.00
7	607	16-Foot Double-Leaf Chainlink Gate	1 EA	\$1,000.00	\$1,500.00
8	614	Maintenance of Traffic	1 LS	\$1,000.00	\$1,500.00
9	623	Construction Layout Stakes	1 LS	\$2,000.00	\$1,000.00
10	624	Mobilization	1 LS	\$1,500.00	\$2,000.00
11	659	Seeding and Mulching	450 SY	\$3.00	\$6.00
12	659	Water (Seeding)	1 LS	\$90.00	\$10.00
13	SPEC	Bypass Pumping	1 LS	\$12,000.00	\$4,000.00
14	SPEC	Painting Corrosion Protection System	1 LS	\$3,000.00	\$5,000.00
15	SPEC	Wet Well Replacement Piping	1 LS	\$17,000.00	\$5,000.00
16	SPEC	Submersible Solids Handling Pumps and Ancillary Equipment	1 LS	\$45,000.00	\$10,000.00
17	SPEC	Precast Concrete Building	1 LS	\$35,000.00	\$6,000.00
18	SPEC	Bollards	4 EA	\$500.00	\$330.00
19	SPEC	Electrical Service for Building	1 LS	\$40,000.00	\$25,000.00
20	SPEC	Meltric Pump Connectors	1 LS	\$2,000.00	\$2,200.00
21	SPEC	Lighting	1 LS	\$4,000.00	\$6,000.00
22	SPEC	Generator Receptacle	1 LS	\$1,000.00	\$1,500.00
23	SPEC	Building Heater and Thermostat	1 LS	\$500.00	\$1,000.00
24	SPEC	Instrumentation and Control	1 LS	\$90,000.00	\$10,000.00
25	SPEC	Project Identification Sign, AAP	1 EA	\$250.00	\$500.00
26	SPEC	Antenna Pole	1 LS	\$1,500.00	\$2,000.00
27	Special	16900-2.05.02 - Radio and Cellular Telemetry Equipment and Services	1 LS	\$16,000.00	\$12,000.00
28	Special	Contingency (20% of Items 1 thru 27)	1 LS	\$55,025.00	\$30,000.00

28 Items

Total: \$510,150.00

\$100.00

\$5,000.00

\$1,600.00

\$22,195.00

\$9,010.00

\$10,800.00

\$2,500.00

\$2,500.00

\$3,000.00

\$3,500.00

\$4,050.00

\$100.00

\$16,000.00

\$8,000.00

\$22,000.00

\$55,000.00

\$41,000.00

\$3,320.00

\$65,000.00

\$4,200.00

\$10,000.00

\$2,500.00

\$1,500.00

\$100,000.00

\$750.00

\$3,500.00

\$28,000.00

\$85,025.00

Reference Number	Item Number	Description	Quantity	Units	Price of Materials	Price of Labor
1	201	Clearing and Grubbing	1	LS	\$5,000.00	\$5,000.00
2	207	Sediment and Erosion Control	1	LS	\$500.00	\$3,000.00
3	304	12-Inch Thick No. 304 Aggregate Base	10	CY	\$30.00	\$30.00
4	411	10-Inch Thick No. 57 Stabilized Crushed Aggregate Drive	193	CY	\$30.00	\$30.00
5	452	Concrete Driveway Approach and Bldg. Entrance Pad	17	CY	\$150.00	\$150.00
6	607	8-Foot Tall Chainlink Fence w/ 3-Strand Barbed Wire	180	LF	\$25.00	\$25.00
7	607	16-Foot Double-Leaf Chainlink Gate	1	EA	\$1,000.00	\$1,000.00
8	614	Maintenance of Traffic	1	LS	\$500.00	\$1,500.00
9	623	Construction Layout Stakes	1	LS	\$100.00	\$1,000.00
10	624	Mobilization	1	LS	\$20,000.00	\$99,000.00
11	659	Seeding and Mulching	450	SY	\$0.50	\$1.50
12	659	Water (Seeding)	1	LS	\$100.00	\$100.00
13	SPEC	Bypass Pumping	1	LS	\$6,000.00	\$3,000.00
14	SPEC	Painting Corrosion Protection System	1	LS	\$6,000.00	\$6,000.00
15	SPEC	Wet Well Replacement Piping	1	LS	\$500.00	\$500.00
16	SPEC	Submersible Solids Handling Pumps and Ancillary Equipment	1	LS	\$30,000.00	\$4,000.00
17	SPEC	Precast Concrete Building	1	LS	\$30,000.00	\$6,000.00
18	SPEC	Bollards	4	EA	\$500.00	\$300.00
19	SPEC	Electrical Service for Building	1	LS	\$35,000.00	\$35,000.00
20	SPEC	Meltric Pump Connectors	1	LS	\$1,000.00	\$1,000.00
21	SPEC	Lighting	1	LS	\$2,000.00	\$2,000.00
22	SPEC	Generator Receptacle	1	LS	\$1,000.00	\$500.00
23	SPEC	Building Heater and Thermostat	1	LS	\$1,000.00	\$1,000.00
24	SPEC	Instrumentation and Control	1	LS	\$50,000.00	\$10,000.00
25	SPEC	Project Identification Sign, AAP	1	EA	\$300.00	\$200.00
26	SPEC	Antenna Pole	1	LS	\$2,000.00	\$3,000.00
27	Special	16900-2.05.02 - Radio and Cellular Telemetry Equipment and Services	1	LS	\$30,000.00	\$29,820.00
28	Special	Contingency (20% of Items 1 thru 27)	1	LS	\$93,000.00	\$0.00

28 Items

Total: \$558,000.00

Extension

\$10,000.00

\$3,500.00

\$600.00

\$11,580.00

\$5,100.00

\$9,000.00

\$2,000.00

\$2,000.00

\$1,100.00

\$119,000.00

\$900.00

\$200.00

\$9,000.00

\$12,000.00

\$1,000.00

\$34,000.00

\$36,000.00

\$3,200.00

\$70,000.00

\$2,000.00

\$4,000.00

\$1,500.00

\$2,000.00

\$60,000.00

\$500.00

\$5,000.00

\$59,820.00

\$93,000.00

Reference Number	Item Number	Description	Quantity	Units	Price of Materials	Price of Labor	
	1	201	Clearing and Grubbing	1	LS	\$2,500.00	\$2,500.00
	2	207	Sediment and Erosion Control	1	LS	\$7,500.00	\$7,500.00
	3	304	12-Inch Thick No. 304 Aggregate Base	10	CY	\$150.00	\$150.00
	4	411	10-Inch Thick No. 57 Stabilized Crushed Aggregate Drive	193	CY	\$50.00	\$50.00
	5	452	Concrete Driveway Approach and Bldg. Entrance Pad	17	CY	\$150.00	\$200.00
	6	607	8-Foot Tall Chainlink Fence w/ 3-Strand Barbed Wire	180	LF	\$50.00	\$40.00
	7	607	16-Foot Double-Leaf Chainlink Gate	1	EA	\$2,200.00	\$2,200.00
	8	614	Maintenance of Traffic	1	LS	\$2,500.00	\$3,000.00
	9	623	Construction Layout Stakes	1	LS	\$2,000.00	\$2,000.00
	10	624	Mobilization	1	LS	\$9,500.00	\$9,500.00
	11	659	Seeding and Mulching	450	SY	\$3.00	\$4.00
	12	659	Water (Seeding)	1	LS	\$300.00	\$200.00
	13	SPEC	Bypass Pumping	1	LS	\$8,000.00	\$4,000.00
	14	SPEC	Painting Corrosion Protection System	1	LS	\$5,000.00	\$4,000.00
	15	SPEC	Wet Well Replacement Piping	1	LS	\$10,000.00	\$15,000.00

16 SPEC	Submersible Solids Handling Pumps and Ancillary Equipment	1 LS	\$40,500.00	\$50,500.00
17 SPEC	Precast Concrete Building	1 LS	\$30,000.00	\$8,000.00
18 SPEC	Bollards	4 EA	\$700.00	\$500.00
19 SPEC	Electrical Service for Building	1 LS	\$20,000.00	\$30,000.00
20 SPEC	Meltric Pump Connectors	1 LS	\$3,000.00	\$1,000.00
21 SPEC	Lighting	1 LS	\$500.00	\$500.00
22 SPEC	Generator Receptacle	1 LS	\$3,000.00	\$1,000.00
23 SPEC	Building Heater and Thermostat	1 LS	\$2,000.00	\$1,000.00
24 SPEC	Instrumentation and Control Project	1 LS	\$90,000.00	\$10,000.00
25 SPEC	Identification Sign, AAP	1 EA	\$1,500.00	\$500.00
26 SPEC	Antenna Pole 16900-2.05.02 - Radio and	1 LS	\$4,000.00	\$3,000.00
27 Special	Cellular Telemetry Equipment and Services	1 LS	\$12,000.00	\$7,000.00
28 Special	Contingency (20% of Items 1 thru 27)	1 LS	\$47,080.00	\$47,080.00

28 Items

Total: \$564,960.00

Extension

\$5,000.00

\$15,000.00

\$3,000.00

\$19,300.00

\$5,950.00

\$16,200.00

\$4,400.00

\$5,500.00

\$4,000.00

\$19,000.00

\$3,150.00

\$500.00

\$12,000.00

\$9,000.00

\$25,000.00

\$91,000.00

\$38,000.00

\$4,800.00

\$50,000.00

\$4,000.00

\$1,000.00

\$4,000.00

\$3,000.00

\$100,000.00

\$2,000.00

\$7,000.00

\$19,000.00

\$94,160.00

Reference Number	Item Number	Description	Quantity	Units	Price of Materials	Price of Labor	Extension
1	201	Clearing and Grubbing	1	LS	\$0.00	\$500.00	\$500.00
2	207	Sediment and Erosion Control	1	LS	\$3,000.00	\$7,000.00	\$10,000.00
3	304	12-Inch Thick No. 304 Aggregate Base	10	CY	\$50.00	\$300.00	\$3,500.00
4	411	10-Inch Thick No. 57 Stabilized Crushed Aggregate Drive Concrete Driveway	193	CY	\$50.00	\$30.00	\$15,440.00
5	452	Approach and Bldg. Entrance Pad	17	CY	\$150.00	\$250.00	\$6,800.00
6	607	8-Foot Tall Chainlink Fence w/ 3-Strand Barbed Wire	180	LF	\$40.00	\$40.00	\$14,400.00
7	607	16-Foot Double-Leaf Chainlink Gate	1	EA	\$2,000.00	\$2,000.00	\$4,000.00

8	614	Mainten ance of Traffic	1 LS	\$500.00	\$3,500.00	\$4,000.00
9	623	Construct ion Layout Stakes	1 LS	\$500.00	\$3,500.00	\$4,000.00
10	624	Mobilizati on	1 LS	\$0.00	\$10,000.00	\$10,000.00
11	659	Seeding and Mulching	450 SY	\$1.00	\$4.00	\$2,250.00
12	659	Water (Seeding)	1 LS	\$50.00	\$50.00	\$100.00
13	SPEC	Bypass Pumping	1 LS	\$5,000.00	\$15,000.00	\$20,000.00
14	SPEC	Painting Corrosion Protectio n System	1 LS	\$2,000.00	\$13,000.00	\$15,000.00
15	SPEC	Wet Well Replace ment Piping	1 LS	\$5,000.00	\$5,000.00	\$10,000.00
16	SPEC	Submersi ble Solids Handling Pumps and Ancillary Equipme nt	1 LS	\$30,000.00	\$15,000.00	\$45,000.00
17	SPEC	Precast Concrete Building	1 LS	\$35,000.00	\$15,000.00	\$50,000.00
18	SPEC	Bollards	4 EA	\$500.00	\$1,500.00	\$8,000.00
19	SPEC	Electrical Service for Building	1 LS	\$17,500.00	\$17,500.00	\$35,000.00

20 SPEC	Meltric Pump Connecto rs	1 LS	\$10,000.00	\$10,000.00	\$20,000.00
21 SPEC	Lighting Generato r	1 LS	\$2,500.00	\$2,500.00	\$5,000.00
22 SPEC	Receptac le	1 LS	\$10,000.00	\$10,000.00	\$20,000.00
23 SPEC	Building Heater and Thermost at	1 LS	\$2,000.00	\$1,000.00	\$3,000.00
24 SPEC	Instrume ntation and Control	1 LS	\$75,000.00	\$45,000.00	\$120,000.00
25 SPEC	Project Identificat ion Sign, AAP	1 EA	\$500.00	\$1,000.00	\$1,500.00
26 SPEC	Antenna Pole	1 LS	\$5,000.00	\$5,000.00	\$10,000.00
27 Special	16900- 2.05.02 - Radio and Cellular Telemetr y	1 LS	\$40,000.00	\$20,000.00	\$60,000.00
28 Special	Equipme nt and Services Continge ncy (20% of Items 1 thru 27)	1 LS	\$53,580.00	\$45,918.00	\$99,498.00

28 Items

Total: \$596,988.00