

Price Analysis
Bid No. PNC2117245B1
Fabricate and Refurbish Lift Station Control Panels

Item #	Item	Qty	Unit	Champion Controls		Engineer's Estimate Unit Price	% Difference to Estimate	Y1380401B1 (Expires 12/7/2018)	% Difference to Current Contract
				Unit Price	Total				
PNC2117245B1--01-01	Furnish above ground duplex up to 20 HP 3 Phase 230 VAC	5	each	\$ 33,170.00	\$ 165,850.00	\$ 30,800.00	8%	\$ 27,970.00	19%
PNC2117245B1--01-02	Furnish above ground duplex up to 25 HP 3 Phase 480 VAC	1	each	\$ 32,190.00	\$ 32,190.00	\$ 29,689.00	8%	\$ 26,990.00	19%
PNC2117245B1--01-03	Furnish above ground duplex 30-50 HP 3 Phase 480 VAC	1	each	\$ 33,120.00	\$ 33,120.00	\$ 30,712.00	8%	\$ 27,920.00	19%
PNC2117245B1--01-04	Furnish above ground duplex 60-75 HP 3 Phase 480 VAC	1	each	\$ 33,120.00	\$ 33,120.00	\$ 30,712.00	8%	\$ 27,920.00	19%
PNC2117245B1--01-05	Furnish above ground duplex 100 HP 3 Phase 480 VAC	1	each	\$ 33,120.00	\$ 33,120.00	\$ 30,712.00	8%	\$ 27,920.00	19%
PNC2117245B1--01-06	Furnish above ground triplex 50-75 HP 3 Phase 480 VAC	1	each	\$ 34,200.00	\$ 34,200.00	\$ 31,900.00	7%	\$ 29,000.00	18%
PNC2117245B1--01-07	Furnish above ground triplex 100 HP 3 Phase 480 VAC	1	each	\$ 35,200.00	\$ 35,200.00	\$ 33,000.00	7%	n/a	n/a
PNC2117245B1--01-08	Furnish above ground triplex for generator 50-75 HP 3 Phase 480 VAC	1	each	\$ 38,500.00	\$ 38,500.00	\$ 45,100.00	-15%	\$ 41,000.00	-6%
PNC2117245B1--01-09	Furnish above ground triplex for generator 75-100 HP 3 Phase 480 VAC	1	each	\$ 38,500.00	\$ 38,500.00	\$ 45,100.00	-15%	\$ 41,000.00	-6%
PNC2117245B1--01-10	Furnish above ground hexaplex (6 pumps) up to 30 HP 480 VAC	1	each	\$ 60,100.00	\$ 60,100.00	\$ 64,600.00	-7%	n/a	n/a
PNC2117245B1--01-11	Furnish above ground quadplex (4 pumps) up to 30 HP 480 VAC	1	each	\$ 48,600.00	\$ 48,600.00	\$ 52,200.00	-7%	n/a	n/a
PNC2117245B1--01-12	Furnish above ground Triplex up to 30 HP 480 VAC	1	each	\$ 32,200.00	\$ 32,200.00	\$ 34,600.00	-7%	n/a	n/a
PNC2117245B1--01-13	Furnish above ground duplex up to 30 HP 480 VAC	1	each	\$ 28,200.00	\$ 28,200.00	\$ 30,300.00	-7%	n/a	n/a
PNC2117245B1--01-14	Furnish above ground triplex ATS panel for generator 30-50 HP 3 Phase 480 VAC	1	each	\$ 25,500.00	\$ 25,500.00	\$ 56,100.00	-55%	\$ 51,000.00	-50%
PNC2117245B1--01-15	Furnish RTU for Remote Billing Meter Site	1	each	\$ 18,900.00	\$ 18,900.00	\$ 20,000.00	-6%	n/a	n/a
PNC2117245B1--01-16	R&I above ground duplex up to 20 HP 3 phase 230 VAC	3	each	\$ 15,300.00	\$ 45,900.00	\$ 16,830.00	-9%	\$ 15,300.00	0%
PNC2117245B1--01-17	R&I above ground duplex up to 25 HP 3 Phase 480 VAC	1	each	\$ 14,500.00	\$ 14,500.00	\$ 15,950.00	-9%	\$ 14,500.00	0%
PNC2117245B1--01-18	R&I above ground duplex 30-50 HP 3 Phase 480 VAC	1	each	\$ 16,600.00	\$ 16,600.00	\$ 18,260.00	-9%	\$ 16,600.00	0%

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PNC2117245B1--01-19	R&I above ground duplex 60-75 HP 3 Phase 480 VAC	1	each	\$ 17,900.00	\$ 17,900.00	\$ 19,690.00	-9%	\$ 17,900.00	0%
PNC2117245B1--01-20	R&I above ground duplex 100 HP 3 Phase 480 VAC	1	each	\$ 21,300.00	\$ 21,300.00	\$ 23,430.00	-9%	\$ 21,300.00	0%
PNC2117245B1--01-21	R&I above ground triplex 50-75 HP 3 Phase 480 VAC	1	each	\$ 18,000.00	\$ 18,000.00	\$ 19,800.00	-9%	\$ 18,000.00	0%
PNC2117245B1--01-22	R&I above ground triplex pump 100 HP 3 Phase 480 VAC	1	each	\$ 23,800.00	\$ 23,800.00	\$ 26,180.00	-9%	\$ 23,800.00	0%
PNC2117245B1--01-23	R&I above ground triplex for generator 50-75 HP 3 Phase 480 VAC	1	each	\$ 24,500.00	\$ 24,500.00	\$ 28,930.00	-15%	\$ 26,300.00	-7%
PNC2117245B1--01-24	R&I above ground triplex pump for generator 75-100 HP 3 Phase 480 VAC	1	each	\$ 24,500.00	\$ 24,500.00	\$ 30,800.00	-20%	\$ 28,000.00	-13%
PNC2117245B1--01-25	R&I above ground hexaplex 480 V 30 HP	1	each	\$ 36,000.00	\$ 36,000.00	\$ 35,000.00	3%	n/a	n/a
PNC2117245B1--01-26	R&I above ground quadruplex 480 V 30 HP	1	each	\$ 28,800.00	\$ 28,800.00	\$ 27,500.00	5%	n/a	n/a
PNC2117245B1--01-27	R&I above ground triplex 480 V 30 HP	1	each	\$ 21,600.00	\$ 21,600.00	\$ 20,500.00	5%	n/a	n/a
PNC2117245B1--01-28	R&I above ground duplex 480 V 30 HP	1	each	\$ 19,200.00	\$ 19,200.00	\$ 18,000.00	7%	n/a	n/a
PNC2117245B1--01-29	R&I above ground triplex ATS panel with generator 300-500 amp 480 VAC	1	each	\$ 29,500.00	\$ 29,500.00	\$ 36,850.00	-20%	n/a	n/a
PNC2117245B1--01-30	R&I RTU for billing meter	1	each	\$ 17,500.00	\$ 17,500.00	\$ 20,250.00	-14%	n/a	n/a
PNC2117245B1--01-31	F&I sunshields for Hexaplex control panel	1	each	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	25%	n/a	n/a
PNC2117245B1--01-32	F&I sunshields for Quadruplex control panel	1	each	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	25%	n/a	n/a
PNC2117245B1--01-33	F&I sunshields for Triplex control panel	1	each	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	50%	n/a	n/a
PNC2117245B1--01-34	F&I sunshields for Duplex control panel	1	each	\$ 1,200.00	\$ 1,200.00	\$ 800.00	50%	n/a	n/a
PNC2117245B1--01-35	Furnish Connection/Isolation Panel for Triplex Lift Station	1	each	\$ 3,500.00	\$ 3,500.00	\$ 3,850.00	-9%	\$ 3,500.00	0%
PNC2117245B1--01-36	Furnish Connection/Isolation Panel for Duplex Lift Station	1	each	\$ 3,000.00	\$ 3,000.00	\$ 3,300.00	-9%	\$ 3,000.00	0%

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PNC2117245B1--01-37	F&I 25 Foot Antenna Mast	1	each	\$ 3,500.00	\$ 3,500.00	\$ 3,850.00	-9%	\$ 3,500.00	0%
PNC2117245B1--01-38	F&I Electrical Wire (from 8 to 12 AWG)	100	linear foot	\$ 9.57	\$ 957.00	\$ 7.02	36%	\$ 6.38	50%
PNC2117245B1--01-39	F&I Electrical Wire (from 3 to 6 AWG)	50	linear foot	\$ 11.63	\$ 581.25	\$ 8.53	36%	\$ 7.75	50%
PNC2117245B1--01-40	F&I Electrical Wire (1 AWG)	50	linear foot	\$ 18.00	\$ 900.00	\$ 13.20	36%	\$ 12.00	50%
PNC2117245B1--01-41	F&I Electrical Wire (2/0 AWG)	50	linear foot	\$ 20.63	\$ 1,031.25	\$ 15.13	36%	\$ 13.75	50%
PNC2117245B1--01-42	F&I Electrical Wire (4/0 AWG)	50	linear foot	\$ 22.50	\$ 1,125.00	\$ 16.50	36%	\$ 15.00	50%
PNC2117245B1--01-43	F&I Electrical Wire (from 250 KCM to 350 KCM AWG)	50	linear foot	\$ 26.25	\$ 1,312.50	\$ 19.25	36%	\$ 17.50	50%
PNC2117245B1--01-44	F&I Electrical Wire (500 KCM AWG)	50	linear foot	\$ 30.00	\$ 1,500.00	\$ 22.00	36%	\$ 20.00	50%
PNC2117245B1--01-45	F&I Electrical Conduit (1 inch Aluminum)	50	linear foot	\$ 28.13	\$ 1,406.25	\$ 20.63	36%	\$ 18.75	50%
PNC2117245B1--01-46	F&I Electrical Conduit (2 inch Aluminum)	20	linear foot	\$ 37.50	\$ 750.00	\$ 27.50	36%	\$ 25.00	50%
PNC2117245B1--01-47	F&I Electrical Conduit (3 inch Aluminum)	50	linear foot	\$ 84.38	\$ 4,218.75	\$ 61.88	36%	\$ 56.25	50%
PNC2117245B1--01-48	F&I Electrical Conduit (4 inch Aluminum)	50	linear foot	\$ 97.50	\$ 4,875.00	\$ 71.50	36%	\$ 65.00	50%
PNC2117245B1--01-49	F&I Electrical Conduit (1 inch PVC)	50	linear foot	\$ 28.13	\$ 1,406.25	\$ 20.63	36%	\$ 18.75	50%
PNC2117245B1--01-50	F&I Electrical Conduit (2 inch PVC)	50	linear foot	\$ 36.00	\$ 1,800.00	\$ 26.40	36%	\$ 24.00	50%
PNC2117245B1--01-51	F&I Electrical Conduit (3 inch PVC)	50	linear foot	\$ 48.00	\$ 2,400.00	\$ 35.20	36%	\$ 32.00	50%
PNC2117245B1--01-52	F&I Concrete slab	10	square yard	\$ 337.50	\$ 3,375.00	\$ 247.50	36%	\$ 225.00	50%
PNC2117245B1--01-53	F&I Sod	30	square foot	\$ 4.50	\$ 135.00	\$ 3.30	36%	\$ 3.00	50%
PNC2117245B1--01-54	SCADA Programmer/Troubleshooter	90	hour	\$ 125.00	\$ 11,250.00	\$ 143.00	-13%	n/a	n/a

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PNC2117245B1--01-55	Staff Engineer	50	hour	\$ 110.00	\$ 5,500.00	\$ 121.00	-9%	n/a	n/a
PNC2117245B1--01-56	PLC Programmer	90	hour	\$ 95.00	\$ 8,550.00	\$ 104.50	-9%	n/a	n/a
PNC2117245B1--01-57	AUTOCAD Designer	50	hour	\$ 80.00	\$ 4,000.00	\$ 88.00	-9%	n/a	n/a
PNC2117245B1--01-58	Fabricator/Wire Technician	90	hour	\$ 75.00	\$ 6,750.00	\$ 82.50	-9%	n/a	n/a
PNC2117245B1--01-59	Labor Rate - Standard Business Hours	120	hour	\$ 125.00	\$ 15,000.00	\$ 125.00	0%	\$ 125.00	0%
PNC2117245B1--01-60	Labor Rate - Non-Standard Business Hours	50	hour	\$ 150.00	\$ 7,500.00	\$ 150.00	0%	\$ 150.00	0%
PNC2117245B1--01-61	Labor Rate - Hourly shop rate	200	hour	\$ 75.00	\$ 15,000.00	\$ 75.00	0%	\$ 75.00	0%
PNC2117245B1--01-62	Labor Rate - Emergency	50	hour	\$ 225.00	\$ 11,250.00	\$ 250.00	-10%	n/a	n/a
	Subtotal				\$ 1,145,173.25				
	Allowances				\$22,000.00				
	Total				\$ 1,167,173.25	\$ 850,000.00	37%		

Note:

- 1) N/A - Not included or not provided
- 2) Consumer Price Index for All Urban Consumers, Miami-Fort Lauderdale, FL increased 7.85% since December 2015.
- 3) Purchasing confirmed with vendor that they could provide the scope of work for Line Item 01-14 for the price submitted. The vendor advised that the current price better reflects actual costs for the line item.
- 4) Purchasing clarified with the vendor regarding the increase in price for Line Items 01-38 to 01-53. A) Vendor advised that the bid price submitted more accurately reflects the actual costs to perform the work; B) prices have increased since 2015 due to the average cost of living increases; and C) prices have increased on steel and other metal products due to nation-wide increases.