

HCMUD No. 136
Water Plant No. 1 - Estimated Conversion Costs
2/14/2019

	Item	Quantity	Unit	Unit Price	Cost	Original Item Cost	Revised Costs per February 2019 Bid
Phase One - High Risk Items							
1	Demolition					\$ 8,775	\$ 31,426
	a Remove Asphalt Pavement	400	SF	\$ 6	\$ 2,400		
	b Remove Motor Control Center	1	EA	\$ 2,600	\$ 2,600		
	c Remove Security System Electronics	1	LS	\$ 260	\$ 260		
	d Remove Electrical Building Wiring Devices	1	LS	\$ 1,950	\$ 1,950		
	e Remove Mini Power Center	1	EA	\$ 325	\$ 325		
	f Remove Wire Way	1	EA	\$ 260	\$ 260		
	g Remove Autodialer	1	LS	\$ 130	\$ 130		
	h Remove Panels and Transformers	1	LS	\$ 1,625	\$ 1,625		
	i Remove Miscellaneous Instrumentation Wiring	1	LS	\$ 1,625	\$ 1,625		
2	Mechanical					\$ 69,600	\$ 90,787
	a Install 30' x 10' Cinder Block Building	1	LS	\$ 50,400	\$ 50,400		
	b Install HVAC Equipment for Electrical Building	1	LS	\$ 9,600	\$ 9,600		
	c Bypass Pumping During Construction	1	LS	\$ 9,600	\$ 9,600		
3	Architectural and Structural					\$ 43,872	\$ 57,033
	a Excavation	20	CY	\$ 42	\$ 832		
	b Backfill	20	CY	\$ 52	\$ 1,040		
	c Concrete Foundations	35	CY	\$ 1,200	\$ 42,000		
4	Electrical					\$ 153,165	\$ 271,347
	a Motor Control Center	1	EA	\$ 101,250	\$ 101,250		
	b Electrical Room Lights	1	LS	\$ 825	\$ 825		
	c Electrical Room Wiring Devices	1	LS	\$ 1,650	\$ 1,650		
	d 120V Panel	1	LS	\$ 4,375	\$ 4,375		
	e Autodialer	1	LS	\$ 4,200	\$ 4,200		
	f Transformers	1	LS	\$ 12,250	\$ 12,250		
	g Universal Process Controllers	1	LS	\$ 2,625	\$ 2,625		
	h UPS	1	LS	\$ 14,000	\$ 14,000		
	i Portable Heater	1	LS	\$ 440	\$ 440		
	j Surge Protection Device	1	LS	\$ 3,300	\$ 3,300		
	k Miscellaneous Instrumentation Wiring	1	LS	\$ 5,500	\$ 5,500		
	l Miscellaneous Costs	1	LS	\$ 2,750	\$ 2,750		
Subtotal						\$ 275,412	\$ 450,593
	Contractor Overheads and Costs (10%) ¹					\$ 27,541	
Subtotal						\$ 302,953	
	Contingency (25%) ²					\$ 75,738	
Total (Phase One - High Risk Items)						\$ 378,692	\$ 450,593
¹ This item was removed since the Contractor has included these in his Bid Items and did not show as an individual line item ² This item was removed since the costs are based on actual construction bid costs							