

Northfield UV System
Project Improvements Cost Summary
26-Jul-16

Item No.	Description	Unit	Quantity	Engineer's Estimate	Extension	Comments
1	Modify existing panelboards	LS	1	\$4,000.00	\$4,000.00	
2	UV System connections (install panels, cables, conduit, etc.)	LS	1	\$20,000.00	\$20,000.00	
3	Building lighting and general power updates	LS	1	\$8,000.00	\$8,000.00	
4	Electrical for HVAC updates	LS	1	\$5,000.00	\$5,000.00	
5	Startup, checkout (electrical contractor)	LS	1	\$3,000.00	\$3,000.00	
6	Replace electric unit heater	EA	1	\$2,000.00	\$2,000.00	
7	Eliminate Curb around UV channel	LS	1	\$5,000.00	\$5,000.00	
8	Replace Louver openings with windows	EA	2	\$ 2,000.00	\$ 4,000.00	
9	Add Solid Grating over UV channel	SF	200	\$ 60.00	\$ 12,000.00	
10	Remove Existing UV equipment/reconfigure channel	LS	1	\$ 50,000.00	\$ 50,000.00	
11	Paint channel with corrosion resistant system	SF	1000	\$ 15.00	\$ 15,000.00	
12	Paint floor with floor coating	SF	1100	\$ 15.00	\$ 16,500.00	
13	Paint ceiling	SF	1100	\$ 10.00	\$ 11,000.00	
14	Paint walls	SF	1230	\$ 10.00	\$ 12,300.00	
15	HVAC Modifications	LS	1	\$ 50,000.00	\$ 50,000.00	
16	Install Hi E dry dehumidifier unit	EA	1	\$ 5,000.00	\$ 5,000.00	
17	UV Equipment Cost	LS	1	\$ 320,000.00	\$ 320,000.00	Includes 7.5% sales tax
18	Install new UV equipment	LS	1	\$ 25,000.00	\$ 25,000.00	
19	UV Equipment Start up, Check out	LS	1	\$ 5,000.00	\$ 5,000.00	
	Subtotal- Base Project				\$572,800.00	
	10% contingencies				\$ 57,280.00	
	10% Overhead and margin				\$ 63,008.00	
	Total Construction Cost				\$693,088.00	
	SCADA system programming (CITY)	LS	1	\$ 20,000.00	\$ 20,000.00	Estimated Cost for software engineering
	UV Building SCADA panel hardware modifications (CITY)	LS	1	\$8,000.00	\$8,000.00	
	Engineering				\$ 116,154.00	
	Total Base Project Cost				\$837,242.00	Budget for project is \$893,750