

**City of Hudson
Prospect Street Substation Improvement Project
Construction Costs**

Description	Current Contract Expenses		2017 Estimated Costs		Percent of 2017 Estimate	
	Major Equipment	Construction Labor & Materials	Major Equipment	Construction Labor & Materials	Major Equipment	Construction Labor & Materials
10/14 MVA Power Transformer and Labor & Materials to install	\$ 220,300.00		\$ 200,000.00		110%	
Power Control Center (Metalclad Switchgear, Relaying & Controls) and Labor & Materials to install	\$ 807,640.00		\$ 750,000.00		108%	
69 Kv Vacuum Circuit Breakers and Labor & Materials to install	\$ 80,680.00	\$ 663,819.00	\$ 50,000.00	\$ 422,550.00	161%	157%
Switches, Bussing & Steel Structures and Labor & Materials to install	\$ 107,250.00		\$ 60,000.00		179%	
7.2 Kv Voltage Regulators and Labor & Materials to install	\$ 105,000.00		\$ 90,000.00		117%	
Transformer Oil Containment (Materials and Labor)		\$ 60,859.00		\$ 15,250.00		399%
Relay and Equipment Testing/ Commissioning		\$ 68,040.00		\$ 94,400.00		72%
Demolition		\$ 80,276.00		\$ 42,800.00		188%
SCADA Configuration, Setup & Programming		\$ 88,000.00		\$ -		
Subtotal	\$ 1,320,870.00	\$ 960,994.00	\$ 1,150,000.00	\$ 575,000.00		
Misc. & Contingency		\$ 43,655.00		\$ 25,000.00		
Subtotal w/ Misc. & Contingency	\$ 1,320,870.00	\$ 1,004,649.00	\$ 1,150,000.00	\$ 600,000.00	115%	153%
Engineering		\$ 242,000.00		\$ 250,000.00		97%
Engineering Change Orders:						
Additional Design and Reconfiguration of Breakers, Steel Structure and Foundations		\$ 14,200.00		\$ -		
Soil Borings and Geotech Report		\$ 4,700.00		\$ -		9%
Additional Site Grading Plans		\$ 5,200.00		\$ -		
Subtotal Engineering Contingency		\$ 24,100.00		\$ -		
Engineering Total		\$ 266,100.00		\$ 250,000.00		106%
Total Project Cost		\$ 2,591,619.00		\$ 2,000,000.00		129%

Highlighted cells indicate actual or pending bid award contract price.