

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

Bid Item #	Project Item Description	Budget Estimate	Bid Amount	\$ Diff.
Engineering	Design and construction management	\$250,000	\$242,000	(\$8,000)
Additional engineering	Additional engineering services for unforeseen conditions	\$0	\$24,200	24,200
100	10/14MVA Power Transformer	\$200,000	\$220,300	\$20,300
200	Power Control Center/Switchgear/Relay	\$750,000	\$807,640	57,640
300	72KV 69KV Vacuum Circuit Breakers	\$50,000	\$80,680	\$30,680
400	Switches, Bussing & Structures	\$60,000	\$107,250	\$47,250
500	7.6KV Voltage Regulators & stands	\$90,000	\$105,000	\$15,000
Misc.	Construction Labor & Materials	\$600,000	\$916,650	\$316,650
SCADA	Development of program, commissioning and testing	\$0	88,000	\$88,000
	Total	\$2,000,000	\$2,591,720	\$591,720
Unanticipated expenses	Soil conditions impacting the foundations, additional equipment to align with reliability standards, additional relays and controls, additional labor for installation	\$0	\$250,000	12.5 % of project
Market Increases	Increases in materials and labor due to market increases	\$0	\$341,720	17% of project
	Total market increases and unanticipated expenses		\$591,720	