Electrical Power Distribution System Improvements, Project No. J-98













Plant No. 1 Improvements

- Plant-wide load shedding system with a substation network
- Plant-wide arc flash reduction
- Speakers and strobes to warn staff of breaker switching
- Surge protection devices in 19 existing switchgear and motor control centers









	Engineer's Estimate	\$ 13,200,000	
Bid Results	Bidder	Amount	
	Shimmick Construction Company, Inc.	\$ 24,352,127	
	Helix Electric, Inc.	\$ 25,700,000	
	LEED Electric, Inc.	\$ 27,654,892	
	Mass Electric Construction Company	\$ 36,203,000	
	Lowest 3 bids within 13% of each other		

Engineer's
Estimate
Difference

Total Percent Difference	84%	
Description	% Difference	
Site and Civil	153%	
Electrical and Instrumentation	90%	
Switchgear Modifications	84%	
Electrical Equipment	44%	
General Conditions	77%	



