

District-Wide Installation of Solar Energy, Battery Storage, and Electrical Vehicle Charging Stations using a Power Purchase Agreement

December 16, 2019

Sustainability

- Solar Power
- Battery Storage
- EV Charging Stations
- Micro-Grids and Resiliency

Power Purchase Agreement

- Project paid for over life of PPA
 - Typically 20-25 years
 - Negotiate predictable power costs
 - Paid for by energy savings
- Resiliency benefit of solar power, battery storage, and Microgrids
 - Critical loads can be kept on during power outages
 - Food storage
 - Data centers

Request for Proposals

- RFP conducted
 - 5 solicited, 1 response
 - 2 firms we were interested in teamed together
 - Considerable statewide experience with solar infrastructure
 - Local presence with micro-grid experience

Project Management Costs

- Asking to approve tasks 1-6
 - Can opt out at any time
 - Will not proceed without positive outcome

Task Number	Project Management Task	Cost
1	Feasibility Review	\$ 27,000.00
2	Investment Grade Feasibility Study	\$ 54,500.00
3	Microgrid Resiliency Analysis	\$ 54,600.00
4	RFP Procurement Management	\$ 86,700.00
5	Vendor Selection	\$ 43,600.00
6	Contracting Support	\$ 21,500.00
	Total	\$ 287,900.00

Approval to enter contract

- Superintendent approved to proceed with PPA contract
 - Only if financially feasible
 - Takes advantage of tax credits and incentives

Questions / Comments