

DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
I. DISASSEMBLY & DISPOSAL				
1.0 PV Modules (590-605 W)	10,750	EA.	\$ 2.70	\$ 29,025.00
2.0 Inverter(s)	20	EA.	\$ 224.00	\$ 4,480.00
3.0 Transformer(s)	2	EA.	\$ 280.00	\$ 560.00
4.0 Racking Frame (tracker)	115	EA.	\$ 20.70	\$ 2,380.50
5.0 Racking Posts	1,700	EA.	\$ 6.20	\$ 10,540.00
6.0 LV Wiring	1,800	LF	\$ 0.80	\$ 1,440.00
7.0 MV Wiring	1,160	LF	\$ 0.42	\$ 487.20
8.0 Fiber Optic Cable	800	LF	\$ 0.68	\$ 544.00
9.0 Fence	3,726	LF	\$ 1.96	\$ 7,302.71
10.0 Concrete	52	CY	\$ 103.00	\$ 5,356.00
11.0 Gravel	528	CY	\$ 19.00	\$ 10,034.81
12.0 General Conditions	5.0	MW	\$ 2,262.00	\$ 11,310.00
13.0 Pole	10.0	EA.	\$ 2,000.00	\$ 20,000.00
			SUBTOTAL	\$ 103,460.22
II. SITE RESTORATION				
1.0 Re-Seeding (drives & array area)	11	AC	\$ 1,500.00	\$ 16,500.00
2.0 Re-Grading (drives only)	528	CY	\$ 4.10	\$ 2,165.41
			SUBTOTAL	\$ 18,665.41
III. SALVAGE				
1.0 PV Modules (590-605 W)	10,750	EA.	\$ 10.30	\$ 110,730.00
2.0 Inverter(s)	20	EA.	\$ 576.00	\$ 11,520.00
3.0 Transformer(s)	2	EA.	\$ 850.00	\$ 1,700.00
4.0 Racking Frame (tracker)	71,760	LBS.	\$ 0.07	\$ 5,020.00
5.0 Racking Posts	280,500	LBS.	\$ 0.07	\$ 19,640.00
6.0 LV Wiring	2,232	LBS.	\$ 1.10	\$ 2,460.00
7.0 MV Wiring	1,438	LBS.	\$ 0.57	\$ 820.00
8.0 Fence	57,267	LBS.	\$ 0.07	\$ 4,008.69
9.0 Pole	8	EA.	\$ 500.00	\$ 4,000.00
			SUBTOTAL	\$ 159,898.69
IV. NET DECOMMISSIONING COSTS				
			<i>Disassembly, Disposal & Site Restoration</i>	\$ 122,125.63
			<i>Disassembly, Disposal & Site Restoration (40 years @ 2.67% inflation rate)</i>	\$ 350,388.05
			<i>Salvage Value (40 years)</i>	\$ 159,898.69
			Net Decommissioning Costs	\$ 190,489.36

NOTES:

1. This Engineer's estimate is based on a set of plans titled "Litchfield Solar", prepared by Langan.
2. This Engineer's estimate represents an opinion of the probable costs of construction, within a reasonable degree of certainty. It is based on our experience and qualifications as an engineer and shall be deemed to represent our opinion and judgment. This estimate does not guarantee the cost of labor, material, or equipment, nor the means, methods and procedures of the Contractor's work as determined by the Contractor and/or Owner, nor the competitive bidding submissions. This estimate cannot and does not guarantee that proposals, bids or actual costs will be the same as or within any specific percentage of this estimate of probable construction cost.

ASSUMPTIONS/EXCLUSIONS:

1. This estimate does not include permit/application fees or potential environmental remediation costs.
2. Quantities for Line Items #I.4.0, I.5.0, I.6.0, I.7.0, and I.8.0 are estimates. The racking system and electrical wiring design has not been
3. Line item #I.9.0 includes removal of fence and all appurtenances, including but not limited to footings, posts and barbed wire.
4. Line item #II.1.0 includes re-seeding of the driveway area (after stone removal), concrete pads and reseeded of the array area if required as a result of decommissioning.
5. Line item #II.2.0 includes filling of the roadbed (after road stone removal).
6. The inflation rate was calculated using the average of the historical ten-year PPI for final demand.

**Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.**



Andrew Uttan, Professional Engineer
Associate Principal

Date