



Project: Hartmann Solar
 Client: ILSolar05, LLC

Engineer: Steven Elver
 Issue Date: 8/21/2023

OPINION OF PROBABLE COST-PV PLANT DECOMMISSIONING-END OF LIFE: YEAR 35

DISASSEMBLY AND DISPOSAL

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	PV Modules	12800	EA	\$ 2.79	\$ 35,712.00
2	PV Inverters	40	EA	\$ 1,437.00	\$ 57,480.00
3	PV Transformers	2	EA	\$ 718.00	\$ 1,436.00
4	ESS Inverters	0	EA	\$ 718.00	\$ -
5	ESS Containers	0	EA	\$ 3,018.00	\$ -
6	ESS Transformers	0	EA	\$ 718.00	\$ -
7	Racking Frame (Single Axis)	185	EA	\$ 172.00	\$ 31,820.00
8	Racking Posts	3240	EA	\$ 19.00	\$ 61,560.00
9	Tracker Motors	420	EA	\$ 23.00	\$ 9,660.00
10	Racking Wiring	61050	LF	\$ 0.10	\$ 6,105.00
11	Underground Cable (LV, MV, Comm)	1250	LF	\$ 0.82	\$ 1,025.00
12	Chain Link Fence	5286	LF	\$ 2.91	\$ 15,382.26
13	Security Gate	1	EA	\$ 2,082.00	\$ 2,082.00
14	Interconnection Facilities	1	EA	\$ 8,347.00	\$ 8,347.00
15	Concrete	10	CY	\$ 107.00	\$ 1,070.00
16	Gravel	321	CY	\$ 40.61	\$ 13,035.81
17	Offsite Disposal by Volume	100	CY	\$ 46.86	\$ 4,686.00
18	Offsite Disposal by Weight	100	TON	\$ 99.00	\$ 9,900.00
19	General Conditions		LS	\$ 5,760.00	\$ -
				SUBTOTAL	\$ 259,301.07

SITE RESTORATION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
19	Re-Seeding	40	ACRES	\$ 4,100.00	\$ 164,000.00
20	Permitting	1	LS	\$ 10,000.00	\$ 10,000.00
21	Erosion and Sediment Control	1	LS	\$ 13,000.00	\$ 13,000.00
				SUBTOTAL	\$ 187,000.00

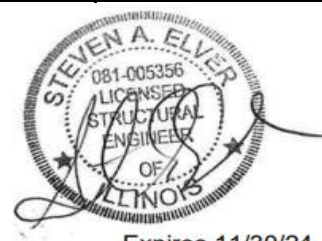
SALVAGE

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
22	PV Modules	12000	EA	\$ 12.50	\$ 150,000.00
23	PV Inverters	40	EA	\$ 4,440.00	\$ 177,600.00
24	PV Transformers	2	EA	\$ 6,065.00	\$ 12,130.00
25	ESS Inverters	0	EA	\$ 4,500.00	\$ -
26	ESS Containers	0	LBS	\$ 0.24	\$ -
27	ESS Transformers	0	EA	\$ 6,065.00	\$ -
28	Racking Frame (Single Axis)	1260000	LBS	\$ 0.26	\$ 327,600.00
29	Racking Posts	535424	LBS	\$ 0.26	\$ 139,210.24
30	Tracker Motors	23100	LBS	\$ 0.61	\$ 14,091.00
31	Interconnection Steel Structures	0	LBS	\$ 0.24	\$ -
32	Interconnection Power and Instrument Transformers	0	LBS	\$ 1.19	\$ -
33	Interconnection Disconnect Switches (1 and 3 Phase)	0	LBS	\$ 1.19	\$ -
34	Interconnection Primary Conductor	0	LBS	\$ 0.24	\$ -
35	Control Panels	0	LBS	\$ 0.24	\$ -
36	Electronic Controls	26	LBS	\$ 0.36	\$ 9.36
37	LV Wiring (PV Plant & Interconnection)	0	LBS	\$ 4.04	\$ -
38	MV Wiring	1250	LBS	\$ 2.46	\$ 3,075.00
39	Chain Link Fence	24059	LBS	\$ 0.26	\$ 6,255.34
				SUBTOTAL	\$ 829,970.94

TOTAL DISASSEMBLY, DISPOSAL, & SITE RESTORATION COST \$ 446,301.07

TOTAL SALVAGE VALUE \$ 829,970.94

NET DECOMMISSIONING COST \$ (383,669.87)



Expires 11/30/24

Steven Elver, PE, SE

8/21/2023
Date