

BID NO. 10044442-14-L

MAINTENANCE, REPAIR AND PARTS FOR PHOTOVOLTAIC SYSTEMS

VENDORS	GRREN TOTAL SOLUTIONS, INC.	HELIO POWER, INC.
SECTION A TOTAL:	\$63,600.00	\$39,441.00
SECTION B TOTAL:	\$23,125.00	\$22,900.00
TOTALS:	\$86,725.00	\$62,341.00
2% SLBE DISCOUNT:	\$84,990.50	NOT ELIGIBLE

Bid No. : 10044442-14-L Maintenance, Repair and Parts for Photovoltaic Systems

Vendor: Green Total Solutions, Inc.

A. PRICING SUMMARY SHEET - ANNUAL MAINTENANCE

Item No.	Facility and Location	Remote Monitoring System	Number of Inverters and Size KW	Inverter Manufacturer	Solar Panel Details	Solar Panel Manufacturer	Installation Year / Warranty Expire Date	One (1) Time Annual Maintenance Per This Specification Year 1 (A)	One (1) Time Annual Maintenance Per This Specification Year 2 (B)	Total First Two Years Annual Maintenance Per This Specification Years 1 & 2 (A+B)
1	Canyonside Recreation Center 12330 Black Mountain Rd. San Diego, CA 92129	Aurora Vision	29KW	Sunnyboy 6-SWR6000U	12 strings 208 modules	Kyocera KC170GT	2006/2011	\$2,650.00	\$2,650.00	\$5,300.00
2	ESD Operation Station 8323 Miramar Rd. San Diego, CA 92121	No remote monitoring	62KW	Xantrex 1-PV5208 1-PV20208 1-PV20208 1-PV20208	BP 3160	BP Solar	2003/2008	\$2,650.00	\$2,650.00	\$5,300.00
3	ESD's Green Building 9601 Ridgehaven Ct. San Diego, CA 92123	No remote monitoring	55KW	Xantrex Trace 1-PV30208 1-PV20208 1-PV5208	34 strings 884 modules	Siemens SP75	2003/2008	\$2,650.00	\$2,650.00	\$5,300.00

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4	George L. Stevens Senior Center 570 S 65 St. San Diego, CA 92114	Fatspanel	7KW	Sunnyboy 3-SMA6000U	60-PVL136	Uni-Solar SSR128	2006/2011	\$2,650.00	\$2,650.00	\$5,300.00
5	Nobel Drive Athletic Center Library 8810 Judicial Dr. San Diego, CA 92122	No remote monitoring	15KW	Xantrex 1-PV15208	10 strings 120 panels	UNI-SOLAR	2007/2012	\$2,650.00	\$2,650.00	\$5,300.00
6	North Clairemont Branch Library 4616 Clairemont Dr. San Diego, CA 92117	No remote monitoring	22.8KW	Sunnyboy 3-SMA6000U	5- strings 144 modules	Kyocera KC125GT	2006/2011	\$2,650.00	\$2,650.00	\$5,300.00
7	Northwestern Police Sub Station 12592 El Camino Real San Diego, CA 92130	No remote monitoring	20KW	Xantrex 1-PV20208	132 panels 12 strings of 11 panels each	Kyocera KC150GT	2007/2012	\$2,650.00	\$2,650.00	\$5,300.00

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8	Oak Park Branch Library 2802 54 St. San Diego, CA 92105	No remote monitoring	20KW	Sunnyboy 4-SWR600U	128 modules	Kyocera KC190GT	2006/2011	\$2,650.00	\$2,650.00	\$5,300.00
9	Police Headquarters 1401 Broadway San Diego, CA 92101	No remote monitoring	30KW	Xantrex 1-PV30208	24 modules per string, 144 modules	Photowatt PW750	2004/2009	\$2,650.00	\$2,650.00	\$5,300.00
10	San Ysidro Fire Station 29 179 W. San Ysidro Blvd San Diego, CA 92173	No remote monitoring	7KW	Sunny Boy 3-SWR 2500U	51 modules 17 per string	Kyocera KC167G	2005/2010	\$2,650.00	\$2,650.00	\$5,300.00
11	Fire Station 47 6041 Edgewood Bend Ct. San Diego, CA 92130	No remote monitoring	8KW	Sunnyboy 2-SB6000U	60 modules 30 per inverter in 3 strings each	Sharp NT-175U1	2008/2018	\$2,650.00	\$2,650.00	\$5,300.00

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12	Ocean Air Rec. Center 4770 Fairport Way San Diego, CA 92130	No remote monitoring	30KW	PV Powered Inc PVP-30KW-LV	136W 242 modules 11 strings of 11 modules	UNI-Solar	2009/2019	\$2,650.00	\$2,650.00	\$5,300.00
Total Section A First Two Years:										\$63,600.00

B. ADDITIONAL SERVICES - REPAIR AND PARTS*

Item No.	Est. Annual Qty.	U/M	Description	Hourly Rate	Total Price or Markup Percentage Price
1	50	HRS	During normal working hours, if additional services are required, cost for as-needed labor of Solar System Technician, per person, per hour. Price shall include transportation/vehicle use, and required tools and equipment. Pricing quoted is portal to portal and does not start until City worker is on site. City worker shall sign off on start and end of work.	\$125.00	\$6,250.00
2	\$15,000	Percentage	Other equipment/parts to be provided as needed by Contractor for repairs with prior written approval from authorized City staff. Bidder to provide percentage of markup in addition to the maximum imputed allowance. Percentage markup over Contractor's invoice: <u>12.5</u> %	N/A	\$16,875.00
Total Section B:					\$23,125.00
Total Sections A & B:					\$86,725.00

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Vendor: HelioPower, Inc.

A. PRICING SUMMARY SHEET - ANNUAL MAINTENANCE

Item No.	Facility and Location	Remote Monitoring System	Number of Inverters and Size KW	Inverter Manufacturer	Solar Panel Details	Solar Panel Manufacturer	Installation Year / Warranty Expire Date	One (1) Time Annual Maintenance Per This Specification Year 1 (A)	One (1) Time Annual Maintenance Per This Specification Year 2 (B)	Total First Two Years Annual Maintenance Per This Specification Years 1 & 2 (A+B)
1	Canyonside Recreation Center 12330 Black Mountain Rd. San Diego, CA 92129	Aurora Vision	29KW	Sunnyboy 6-SWR6000U	12 strings 208 modules	Kyocera KC170GT	2006/2011	\$2,079.00	\$2,131.00	\$4,210.00
2	ESD Operation Station 8323 Miramar Rd. San Diego, CA 92121	No remote monitoring	62KW	Xantrex 1-PV5208 1-PV20208 1-PV20208 1-PV20208	BP 3160	BP Solar	2003/2008	\$3,221.00	\$3,302.00	\$6,523.00
3	ESD's Green Building 9601 Ridgehaven Ct. San Diego, CA 92123	No remote monitoring	55KW	Xantrex Trace 1-PV30208 1-PV20208 1-PV5208	34 strings 884 modules	Siemens SP75	2003/2008	\$3,563.00	\$3,652.00	\$7,215.00

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4	George L. Stevens Senior Center 570 S 65 St. San Diego, CA 92114	Fatspanel	7KW	Sunnyboy 3-SMA6000U	60-PVL136	Uni-Solar SSR128	2006/2011	\$1,196.00	\$1,226.00	\$2,422.00
5	Nobel Drive Athletic Center Library 8810 Judicial Dr. San Diego, CA 92122	No remote monitoring	15KW	Xantrex 1-PV15208	10 strings 120 panels	UNI-SOLAR	2007/2012	\$1,233.00	\$1,264.00	\$2,497.00
6	North Clairemont Branch Library 4616 Clairemont Dr. San Diego, CA 92117	No remote monitoring	22.8KW	Sunnyboy 3-SMA6000U	5- strings 144 modules	Kyocera KC125GT	2006/2011	\$1,250.00	\$1,281.00	\$2,531.00
7	Northwestern Police Sub Station 12592 El Camino Real San Diego, CA 92130	No remote monitoring	20KW	Xantrex 1-PV20208	132 panels 12 strings of 11 panels each	Kyocera KC150GT	2007/2012	\$1,342.00	\$1,376.00	\$2,718.00

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8	Oak Park Branch Library 2802 54 St. San Diego, CA 92105	No remote monitoring	20KW	Sunnyboy 4-SWR600U	128 modules	Kyocera KC190GT	2006/2011	\$938.00	\$961.00	\$1,899.00
9	Police Headquarters 1401 Broadway San Diego, CA 92101	No remote monitoring	30KW	Xantrex 1-PV30208	24 modules per string, 144 modules	Photowatt PW750	2004/2009	\$1,322.00	\$1,355.00	\$2,677.00
10	San Ysidro Fire Station 29 179 W. San Ysidro Blvd San Diego, CA 92173	No remote monitoring	7KW	Sunny Boy 3-SWR 2500U	51 modules 17 per string	Kyocera KC167G	2005/2010	\$1,125.00	\$1,153.00	\$2,278.00
11	Fire Station 47 6041 Edgewood Bend Ct. San Diego, CA 92130	No remote monitoring	8KW	Sunnyboy 2-SB6000U	60 modules 30 per inverter in 3 strings each	Sharp NT-175U1	2008/2018	\$962.00	\$986.00	\$1,948.00

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12	Ocean Air Rec. Center 4770 Fairport Way San Diego, CA 92130	No remote monitoring	30KW	PV Powered Inc PVP-30KW-LV	136W 242 modules 11 strings of 11 modules	UNI-Solar	2009/2019	\$1,246.00	\$1,277.00	\$2,523.00
Total Section A First Two Years:									N/A	\$39,441.00

B. ADDITIONAL SERVICES - REPAIR AND PARTS*

Item No.	Est. Annual Qty.	U/M	Description	Hourly Rate	Total Price or Markup Percentage Price
1	50	HRS	During normal working hours, if additional services are required, cost for as-needed labor of Solar System Technician, per person, per hour. Price shall include transportation/vehicle use, and required tools and equipment. Pricing quoted is portal to portal and does not start until City worker is on site. City worker shall sign off on start and end of work.	\$98.00	\$4,900.00
2	\$15,000	Percentage	Other equipment/parts to be provided as needed by Contractor for repairs with prior written approval from authorized City staff. Bidder to provide percentage of markup in addition to the maximum imputed allowance. Percentage markup over Contractor's invoice: <u>20</u> %	N/A	\$18,000.0
Total Section B:					\$22,900.00
Total Sections A & B:					\$62,341.00