

Section 1 - Solar and Storage															
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Measure Description	Unit	Price													
Solar Panel	Per Watt			solar panels with a minimum 12-year product, 20- year linear power warranty. Panels must be UL61730 certified.											
Balance of System	Per Watt			Inverters and all other balance of system equipment must be UL61730											
Battery	Per kWh			Minimum of 13 kWh per battery. Must be UL61730											
Electric Panel (Basic)	Per Panel			200 amp panel, inclusive of all wiring. Must be UL61730											
Electric Panel (Smart)	Per Panel			200 amp panel, inclusive of all wiring. Must be UL61730											
Solar PV Enclosure (External Wall Only)	Per Enclosure			Custom built enclosure with plugin temperature control for battery performance and warranty											

Attachment E - Solar and Storage Bid Form - Homeland Solar

RFP No. 25-21: Sustainability and Energy Improvements in the Bryant Neighborhood

Measure Description	Costing Unit	Panel & Racking	
Solar Panel, MLPE, Racking	Per Watt	\$1.10	High-efficiency solar panels - 25-year product, 25- year linear power warranty (90% at 25 years). Panels are UL61730
	Costing/Tier	BOS	
Balance of System	Per Watt		Inverter - 12+ year warranty
Small	2.5-3.99	\$1.60	6 to 9 panels
Medium	4.0-7.99	\$1.30	10 to 18 panels
Large	8.0-15.99	\$1.05	19 to 36 panels
Extra Large	16.0+	\$0.75	37+ panels
		\$/kWh	
Battery	Per kWh	\$810	Li-Ion battery (LFP) with 13+ kWh, 10-year warranty, and UL61730 rated. Self-heating battery for cold environments.
Solar PV Enclosure (External Wall Only)	Per Enclosure	\$1,000	Custom built, insulated enclosure on concrete pad with self-heating battery
		Service Upgrade*	
Electric Panel (Basic)	Per Panel	\$3,500	200 amp panel, inclusive of all wiring. UL61730 rated.
Electric Panel (Smart)	Per Panel	No Bid	200 amp panel, inclusive of all wiring. UL61730 rated.
* Cost includes upgrading service panel and, in some case, a DTE home service upgrade (including burying the power line to the home).			

	x	No. of Pan Watts/Pan kW Power			\$ SolarEdge	\$ Tesla	
4kW		4	9	440	3.96	\$1.10	0
6kW		6	13	440			
8kW		8	18	440			
10kW		10	22	440			
12kW		12	27	440			
14kW		14	31	440			
16kW		16	36	440			