

**PROJECT:ORDRES DES PHARMACIENS**  
**ELECTRICAL B.O.Q**

**DATE: 13.9.2022**

**PV SOLAR SYSTEM (for data room)**

Item	Description	Qty	Unit	Unit Rate US\$	Amount US\$
	Supply, install, connect and test the HYBRID GRID SOLAR PV system for DATA ROOM LIGHTING, DATA CABINET ,AC UNIT, UPS AND CRITICAL LOADS s in perfect operating conditions, including but not limited to: Lithium batteries, DC cables, AC/DC Surge protection, Combinor box accessoris.....,The contractorshould submit detailed shop drawings,calculations, protection and materials brands for approval before starting insrtallations .				
A	Photovoltaic multi-crystalline solar panels half cell 545WP with efficiency not less than 22% or approved equals	10			
B	Hybrid Inverter 5KW	1			
C	Lithium ion battery 10kw grade A (min.6000cycle) with total autinony of 8 hours at 90%DOD	2			
D	Galvanized steel strucrure( with all accessories, anti corrosion paints....) on the roof for PV PANELS				
E	Complete DC and AC Cables ,DC and AC protection system including but not limited to AC and DC surge protection , DC and AC breakers,fuses....				
F	The Contractor shall ensure complete solar system and connected to the grid and Generators .				
	<b>TOTAL</b>				