



Photon Energy Ltd
 8 Windsor Square
 Silver Street
 Reading
 RG1 2TH
 T: +44 (0)118 997 7470
 F: +44 (0)118 986 6397
 E: info@photonenergy.co.uk
 W: www.photonenergy.co.uk

PV SYSTEM QUOTATION

PE Quotation No.	Q8291 v 1.0	Date	11/12/2018
PE Title	GOSH Italian Hospital		
Installation address	London		
Installation type	New build,		
Mounting system	K2 S-Dome (Single Ply Covering)		
System specific design	The system has been designed to meet the 33 PV module layout specified in drawing number 1615-ST-Q1-04-DR-A-2206. We have assumed a three phase supply will be available at each point of connection.		
Mounting system details	The low-ballast mounting system we have quoted for is suitable for use on buildings up to 50m high and requires the PV modules to be mounted in a grid formation with minimal gaps for obstacles on the roof. We have assumed the roof covering is either single-ply membrane or bituminous felt with no additional covering (e.g., pebbles or green/brown roof). If this is not the case we will need to update our quotation with an alternative mounting system.		
Generation details	We have assumed: - the PV modules are unshaded by parapet walls or other obstructions - the PV modules are mounted at 10 deg - the PV modules are facing 30 deg from south		
Fit on roof	From the information provided we cannot confirm whether there is sufficient space on the roof for the PV modules. We will need full AutoCAD drawings to confirm.		
Design time required	4 weeks		
Lead time on equipment	4 weeks		
Estimated installation period¹	1 weeks		
Generator size	9.08 kWp		
PV module area	54 m ²		
Installation warranty period	2 years		
Predicted annual energy generation (MCS)²	8,040 kWh/year		