SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM

Tender Ref.: 2275PSE-10040

Contracting Authority: Enabel

Designed by: ALHIRBAWI

November 2023
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32 PV
660 wp
21.1kwp
Supplied and Installed by:

Earth Box

- CU Cable 1X10 mm PVC
- CU Cable 1X6 mm PVC
- CU Cable 1X6 mm PVC
- CU Cable 1X16 mm PVC
- CU Cable 1X10 mm PVC

From Steel Structure (6 Cables)
From PV Panels (2 Cables)
From Inverters Body
From SPD's
To Building Earth Busbar
From Cable Tray

Notes:
1. All PV Panels must be earthed (Closed Loop).
2. All Steel Structure must be earthed.
3. Cable tray must be earthed.
4. Each separate steel table should take main 10mm earth cable to box.
5. Earth Ohm should be less than 3 Ohm.
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Details of steel structure

Profile 60*60*2.7mm
Profile 40*40*2.7mm

Details of Base Plate of Tube

Detail of Concrete Base
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