SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS IN EAST JERUSALEM

Tender Ref.: PZA170421T-10040

Contracting Authority:

Designed by:

JANUARY 2024
LOT 1 - ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON CONSULATE GENERAL OF BELGIUM IN JERUSALEM

Tender Ref.: PZA170421T-10040

Contracting Authority:

Enabel

Designed by:

JANUARY 2024
Layout

32 PV
660 wp
21.1 kwp
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.
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM

L1-03
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON GENERAL CONSULATE OF BELGIUM IN JERUSALEM
LOT 2 - ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOY'S AND SHEIKH SAAD GIRLS' SCHOOLS IN SHEIKH SAAD VILLAGE

Tender Ref.: PZA170421T-10040

Contracting Authority:

Designed by:

JANUARY 2024
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS' AND GIRLS' SCHOOL IN SHEIKH SAAD VILLAGE
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS AND GIRLS SCHOOL IN SHEIKH SAAD VILLAGE

Legend:
Layout
65 PV
560 wp
36.4kwp
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS' AND GIRLS' SCHOOL IN SHEIKH SAAD VILLAGE

Sheikh Saad Girls' School - Steel Structure Layout P1

Enabel

Project Ref.: PZA170421T-10340-LE22

Designed by: [Design Firm Logo]
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS' AND GIRLS' SCHOOL IN SHEIKH SAAD VILLAGE
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS' AND GIRLS' SCHOOL IN SHEIKH SAAD VILLAGE

AC Earth

MCB 3
40A

INV. 1

ST

MCB 4
40A

INV. 2

สท.

EL
80A

To Grid

70

50
DC Box 1

DC Box 2
SUPPLY AND INSTALLATION OF ROOF-TOP SOLAR PHOTOVOLTAIC SYSTEMS ON SHEIKH SAAD BOYS AND GIRLS SCHOOL IN SHEIKH SAAD VILLAGE

AC Box 1

AC Box 2
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.
6- All DC & AC cables should be wired inside Industrial cable tray(with cover) and protection pipes