

SCOPE OF WORK

Supply and install the solar system for the College of Engineering, Kirkuk University, Kirkuk Governorate

1. PROJECT BACKGROUND

a. Project description:

The project is a Supply and install the solar system for the College of Engineering, Kirkuk University, Kirkuk Governorate.

b. Impact and how it will be measured:

The supply, installation and commissioning of the solar power system at the College of Engineering, Kirkuk University, Kirkuk Governorate, will significantly contribute to enhancing energy efficiency through the utilization of sustainable and renewable energy sources. This project aims to reduce dependence on conventional grid electricity and diesel generators, thereby decreasing operational costs, minimizing environmental pollution, and increasing the availability of electricity hours on campus.

In addition to its environmental and economic benefits, the project will serve as a practical training platform for the students of the College of Engineering. It will provide hands-on experience in the design, installation, and maintenance of solar energy systems, thereby equipping students with valuable technical skills. This initiative is expected to increase employment opportunities for graduates by preparing them for the growing renewable energy sector in Iraq and beyond.

2. LOCATION:

The project is in Kirkuk university- Kirkuk Governorate, Coordinates:

GPS : 35.394353, 44.344126

3. DESCRIPTION OF THE DAMAGE

No damages exist; the project is a new founded.

4. WORKS ON BRIEF

The works includes but not limited to provide the solar power panels with all accessories (steel racks (parking rooftop), Inverter, MPPT,Battery, Racks, Circuit Breakers (for each Strings Min.) , Dc combine box, Ac and ATS board , Surge Protection & Protection System with all other fittings, accessories and required works as indicated in the BoQ.

5. DURATION OF THE PROJECT

30 Calander days