

**Solar Energy Consultant**

**Location:** Aswan  
**Reporting to:** AFS/ CR Unit Lead  
**Funding source:** 100% Climate Change fund  
**Duration of contract:** Three months  
**Type of Employment:** Consultancy  
**Job Reference:**

**Background**

The Om Habibeh Foundation (OHF) is an Egyptian non-profit organization established in 1991 under the supervision of the Ministry of Social Solidarity. OHF is the implementation agency for the Aga Khan Foundation Egypt and is an affiliate of the Aga Khan Development Network of organizations and was founded by Om Habibeh Mohamed Shah Aga Khan to contribute to and support local communities in the governorate of Aswan in areas including health care, education, and providing income for deprived communities through long-term development activities. OHF works in the following areas: Continuing Education, Civil Society, Agriculture and Food Security, Economic Inclusion, Women Empowerment and Early Childhood Development.

**Position Objective**

The Solar Energy Consultant is responsible for providing technical and commercial consultation to clients regarding solar energy solutions. The role focuses on system design, feasibility analysis, and promoting the adoption of clean energy. The consultant educates customers on the environmental and financial benefits of solar energy, recommends suitable solutions based on their needs, and supports sales and installation processes to ensure customer satisfaction and increased use of renewable energy sources.

**CORE RESPONSIBILITIES:**

Technical and Specific Tasks:

1- Develop Technical Specifications and Site Assessment:

Prepare, assess, and present comprehensive technical specifications for solar energy systems based on project requirements, supported by thorough on-site surveys to evaluate location suitability, shading analysis, structural capacity, and optimal system design.

2- Technical Evaluation of Proposals: Assess and compare technical offers from different vendors to ensure they meet project needs and industry standards.

3- Inspection & Acceptance of Solar Components: Oversee the reception of solar panels, inverters, batteries, and other key components to ensure quality compliance.

4 - Network Safety & Integration: Verify the reliability and safety of the electrical grid before integrating solar energy systems.

5 -System Performance Assessment: Monitor and evaluate the efficiency and performance of installed solar energy systems.

6 - Compliance & Quality Assurance: Ensure all installations comply with local and international standards for renewable energy.

### **Required qualifications & skills**

- Bachelor's Degree in Electrical Engineering.
- Preferably 2 to 5 years of experience in the solar energy or renewable energy field.
- Experience in design, technical evaluation, and report preparation.
- Experience in dealing with suppliers and clients.
- Very good organizational, interpersonal, communication, training, and facilitation skills.

### **SAFEGUARDING POLICY:**

OHF has policies and systems in place to prevent sexual abuse, neglect, exploitation, harassment, bullying, and sexual harassment. It is also to safeguard children, adults, our teams, consultants, volunteers, partners, beneficiaries, and all stakeholders. OHF will ensure a workplace culture built on respect, tolerance, diversity, and inclusion.

### **GENDER EQUALITY:**

OHF is committed to supporting gender equality in all of its programs and internal operations by eliminating sex discrimination, harassment, and sexual harassment and promoting equality for women and men in all hiring processes starting from an open call for a position, interview process, selection process, salary, benefits...etc.

### **DISABILITY INCLUSION**

OHF is committed to include persons with disabilities in all its programmes and projects.

### **ENVIRONMENT / CLIMATE RESILIENCE**

Environment and climate are core strategic priorities and cross-cutting themes for OHF. OHF helps communities to increase resilience to climate change via awareness raising, infrastructure, resource management and clean energy.

**Consultant Evaluation Criteria – Solar Energy**

#	Criteria	Rating %	score
1	Academic Qualification (Bachelor's degree in Electrical Engineering or Equivalent)	10%	10
2	Professional Experience in Solar/Renewable Energy (2–5 years)	15%	15
3	Technical Capacity: preparation of specifications, site assessment (shading, structural capacity, design), and evaluation of vendor proposals	20%	20
4	Quality Assurance & System Integration: inspection of components, grid safety verification, performance monitoring, and compliance with international standards	15%	15
5	Organizational & Communication Skills (reporting, supplier/client relations, facilitation)	10%	10
6	Financial Evaluation	30%	30
	<b><u>Total</u></b>	<b>100%</b>	<b>100</b>