Terms of Reference (ToR) for Quality Control Engineer

1. Position Title:
Quality Control Engineer

2. Project Overview:
The solar project aims to develop and implement solar energy solutions to enhance renewable energy production, reduce carbon footprint, and comply with local and international standards.

3. Objective:
To oversee project quality assurance activities, ensuring compliance with industry standards and specifications throughout the project lifecycle.

4. Scope of Work:
The Quality Control Engineer will be responsible for the following tasks:

4.1 Quality Assurance Planning:
- Develop and implement a Quality Assurance Plan specific to the solar project.
- Define quality standards, procedures, and metrics in alignment with industry best practices.

4.2 Inspection and Testing:
- Conduct regular inspections of materials, components, and workmanship to ensure compliance with project specifications.
- Coordinate and oversee testing activities, including material testing and system performance evaluations.

4.3 Documentation and Reporting:
- Maintain accurate records of quality control inspections, tests, and compliance reports.
- Prepare and submit regular quality reports to project management.

4.4 Compliance Monitoring:
- Ensure compliance with local, national, and international standards related to solar energy projects.
- Monitor adherence to safety regulations and environmental guidelines.

4.5 Training and Support:
- Provide training and support to project staff on quality control procedures and standards.
- Facilitate workshops and meetings to promote a culture of quality awareness.

5. Qualifications:
- Diploma in Civil Engineering or a related field.
- Proven experience in quality control or assurance in construction or renewable energy projects.

6. Reporting Structure:

The Quality Control Engineer will report directly to the Project Manager and will work closely with other project team members, contractors, and stakeholders.

9. Compensation:

Compensation will be commensurate with experience and qualifications, in accordance with policies.