

ENGINEERING PARTNERSHIPS

Design packages and coordinated technical support for project teams.

Mauritania / International project support

WHERE WE CAN SUPPORT YOUR TEAM

CERTILEC supports EPC, MEP, industrial and consulting teams with scoped electrical engineering packages. For suitable assignments, we coordinate qualified independent engineers and technicians in our professional network. They are external collaborators, selected by project scope and availability; roles and qualifications are confirmed before engagement.

DESIGN AND DOCUMENTATION

- Single-line diagrams and electrical drawings
- Load lists, schedules and calculations
- Cable sizing and voltage-drop calculations
- Short-circuit and protection studies
- Transformer and generator sizing support
- CAD drafting and electrical BIM modelling
- Cable routes, tray layouts and shop drawings
- Panel and cable schedules; BOQ/MTO
- As-built drawings and handover documents
- Solar PV design and PV/BESS interfaces

TECHNICAL SUPPORT BEYOND DRAWINGS

By agreed scope: site surveys, installation supervision, inspection and functional tests, protection relay testing, commissioning coordination, maintenance diagnostics and handover support. Site attendance, specialist equipment and local permissions are agreed before mobilization.

WORKING ARRANGEMENT

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| 01 Scope | Agree inputs, standards, interfaces, formats and delivery dates. |
| 02 Assign | Confirm contributors and produce the agreed engineering or field work. |
| 03 Review | Track queries and comments with the client's designated engineer. |
| 04 Handover | Issue revised native/PDF files and site records where applicable. |

Applicable IEC/NF and local references, sign-off roles, file formats and any site requirements are agreed per assignment. No company certification is implied.

Discuss a defined package

Share the project location, stage, source data, scope, software and schedule. We will propose an approach.