



LENDERS ENGINEERING SERVICE & OWNERS ENGINEERING SERVICE

OWNER'S & LENDERS ENGINEERING SERVICES

AWTepI offer services for owners as well as for lenders to support and safeguard their interests with the help of our experienced wind energy experts. We review, monitor and evaluate projects for investors, debt providers and/or bank, and can offer expert knowledge in all aspects of engineering services which includes:

- Technical due diligence
- Design review and specifications, technical planning and engineering support
- Schedule analysis and optimization
- Construction procurement and site safety supervision
- Management of project construction, budgets and claims
- Operational review
- Factory acceptance tests
- Site management
- O&M concepts
- Expert statements
- Project management

Our confidence, experience and technical knowledge is good enough to provide the best solution.

SCOPE OF WORK FOR OWNER'S ENGINEERING

AWTepI acquires profound knowledgeable expertise in latest development technologies, following health and safety standards, constitute the basis for your engineering activities. We have an extensive track record of successful practice in owner's engineering and on-site supervision and can offer expert knowledge in all aspects of engineering services:

The Owner's / Lender's Engineer controls...



Let's review the technical scope of work which we can cover:

1. Assessing the project site.
2. Reviewing the facility electrical system.
3. Evaluate the technical proposals including the following:

- Design compliance
- Equipment specification and data sheets
- The Bill of Quantity
- Execution approach and methodology.
- Project work plan / time schedule and related deliverable.
- Testing and commissioning procedure

4. Contract reviewing

Reviewing the EPC contract, **AWTepi** will cooperate towards contract signing and will share the recommendations through their experienced team and will suggest any necessary amendments to the contract

5. Construction stage

We supervise the project installation starting from signing the contract until the successful commissioning and the startup of the project, during the construction stage we provide follow up clarifying all progress and milestones, which will clarify the following:

- Description of works performed during the period, works in progress and works planned for the next period.
- Relative weight of each activities in relation to the overall Contractor work.
- Quantity and/or percentage of the activities performed and services rendered during the month.
- Delay analysis (if any) and corrective recommendations to recover such delay.
- Areas of concern.
- Change order report, which will include a complete description of all changes, status of change orders and potential change orders.

6. Testing and commissioning

- Visual Inspection.
- Continuity Test.
- Earth Resistance Measurement.
- Transformers Test.
- Medium Voltage Cable Test.
- Switch Gear Test.
- Relays Tests.
- Thermal Imaging (IR) Test