

# SUPPORTING THE POWER AND RENEWABLE SECTOR



**ARCHER**

Business Solution  
ISO 9001 CERTIFIED

Project Management & Consultancy Services Company

Leading provider of Project Management and Consultancy Services, Team Archer is led by industry leaders having diverse experience across Thermal, Renewable, Wind, Solar, Gas and Hydropower sectors, both in the domestic and international markets. We combine rich domain expertise, leadership-level experience and a hands-on delivery model, to support the rapid expansion of power sector companies, especially in the context of the need gaps experienced by players from South Asia.



## CORE AREAS OF SERVICES

### PROJECT DEVELOPMENT ASSISTANCE

- Support to power project developers with engineering design and review
- Outsourcing of their requirements
- Widening of their vendor base
- Assistance in developing manufacturing and field quality plans of international standards

### PROJECT MANAGEMENT ASSISTANCE

- Guidance and support to introduce international vendors in the Indian power sector
- Major target organisations – NTPC, BHEL, NLC, Power Grid, L&T, and other Indian IPPs etc.
- Exposure to, and in-depth knowledge of, bidding process and methodology of the Indian power sector, qualification requirements, evaluation criteria, and related procedures, leading to preparation of a competitive bid proposal
- Locating suitable customers in the Indian sub-continent for international vendors
- Coordinating engineering and project execution on customers' behalf to substantially reduce their overheads

### ASSISTANCE TO THE INTERNATIONAL VENDORS

- Seeking technical and commercial clarifications related to bidding documents
- Detailing technical and financial qualifying requirement
- Assistance in preparation of technical bid
- Assistance during pre-award meeting
- Assistance in preparation of bank guarantee bond formats and bid bond (BG bond)
- Guidance for site mobilisation for erection/ commissioning
- Assistance in project execution and realisation of payment in a timely manner
- Interaction with customers' technical, contractual and on-site staff, during pre/post award and execution
- Assistance in contract closing, realisation of payments, and return of bank guarantees



# TURNKEY SOLUTIONS FOR DEVELOPMENT OF SOLAR PROJECTS

## PROJECT MANAGEMENT

- Solar power projects, from concept to commissioning
- Inspection of solar PV panels at manufacturers' works, including in China
- Inspection of equipment and material at manufacturers' works
- Owner's Engineer, to oversee solar plant development
- Expert interventions to optimise design, streamline execution, maximise production
- Progress planning, monitoring and reporting
- Field quality assurance and implementation
- Assistance in material procurement and supplier identification
- Material management services
- Engineering documentation
- Supervision of erection and commissioning
- Liaison with government agencies for obtaining all initial clearances for development of power projects
- Assistance in selection of the best available technology for Energy Storage System's integration with renewable energy installations

## Archer's intelligent solar design

- Sound concept
- State-of-the-art technology
- Quality & reliability
- Smart engineering
- Optimised components

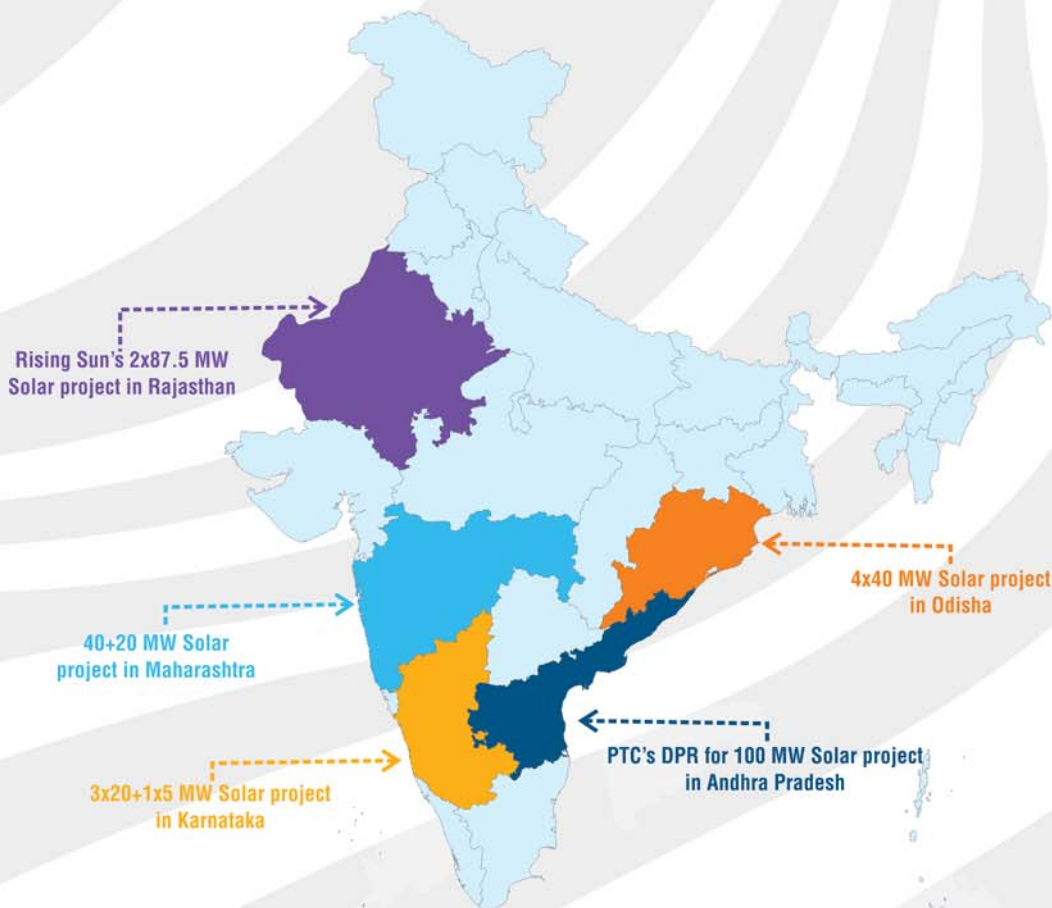
## Areas of specialisation

- Pre-feasibility study
- Technology/ Vendor selection
- Design review
- On-site quality validation
- Due diligence support
- Quality management - civil & equipment
- Manufacturing works & site inspection

## DESIGN CONSULTANCY

Backed by extensive experience, we provide a flawless engineering solution that maximises yield, minimises losses and improves efficacy, to ensure our clients get optimum return on their investment.

## MAJOR SOLAR PROJECTS UNDERTAKEN 600 MW+ and counting



# COMPLETE SOLUTIONS FOR DEVELOPMENT OF HYDRO PROJECTS

## Areas of specialisation

Geo technical Investigations, topographical survey, hydro-meteorological studies  
Preparation of Feasibility Reports and Detailed Project Reports  
Bid preparation, assistance and clarification  
Project Management services  
Quality and Safety Audit  
Site inspection  
Training on Hydro Power  
Resolution of contractual disputes



## RESOLUTION OF CONTRACTUAL DISPUTES

Specialisation in providing expert advice including the preparation, substantiation and defense of construction claims, for easy resolution of contractual disputes through arbitration. Our experts – very senior level experts on the panel of Construction Industry Arbitration Council (CIAC), SCOPE, retired directors of public sector undertakings and electricity regulators – guide and assist in amicably resolving any issues, and also provide their services as arbitrators.



## QUALITY MANAGEMENT CONSULTANCY

### Quality Management System Development

- Implementation of systems and procedures
- Implementation of field quality assurance process
- Quality and inspection report documentation
- Services of expert quality management personnel

### Quality Plans & Testing Procedures

- Review and finalisation of Manufacturing Quality Plans (MQP)
- Review and finalisation of Field Quality Plans (FQP)
- Review and approval of testing procedure
- Review and approval of inspection procedure
- Development of Standardised Quality Plans (SQP)

### Field Quality Management

- Site lab establishment/ sourcing through local third-party lab
- Field quality system implementation
- Welder qualification
- Quality management system audit at site

# MANAGEMENT OF STRESSED ASSETS

## Areas of specialisation

Supporting Lenders, Prospective Buyers and Asset reconstruction companies on Stressed and Stranded Power Projects  
Financial Appraisal of Project costing and returns  
Tariff determination  
Technical Due Diligence  
Engineering Documentation  
Planning, Scheduling and Monitoring of stressed projects under Retrofit and R&M

## Contact Details



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