



POWERWIN - PROJECTS DIVISION

POWERWIN

Developing & Nurturing Resources...

Powerwin-Projects Division

1. Construction & Roads:

Creating high quality Civil & Electrical infrastructure for transportation is one of the prime areas of operations for Powerwin. Across the country; Powerwin has executed many road and construction projects. Strengthening and widening of roads constitute yet another major activity of Powerwin. Expertise also covers construction of specialized surface treatment.

Powerwin has been doing pioneering work in Road & Construction infrastructure development for more than 6 years by bringing in its overall project management capabilities, improving upon construction methods, introducing new technologies and implementing mechanized and efficient execution methods.

Maintenance works for Roads & Buildings are carried out using highly advanced & sophisticated equipment for resurfacing & restructuring.

2. Railways:

Powerwin is one of the private organizations which is qualified to undertake integrated overhead equipment installation including traction sub-stations, signaling & telecommunication works and associated civil works like station and platform amenities. Our expertise also includes Intelligent Electrification of platforms, Erection of Gas Insulated Switchgear based substations and allied works.

3. Hydel:

Powerwin offers comprehensive & competitive Electrical Engineering, Procurement and Construction services for small hydropower projects. Areas of expertise include:

- 1) Underground/surface power houses.
- 2) Electro-mechanical works

4. Bridges:

Using innovative and sophisticated techniques, Powerwin builds all types of small bridges. We are doing this type of projects with our JV partners.

5. Power Transmission & Distribution:

We have separate division for Power Transmission & Distribution offers comprehensive engineering and construction services for power transmission and distribution projects in the domestic and international markets. It is an established contractor of choice in the area of industrial project electrification, instrumentation, and control systems including communication projects.

6. Substations:

Powerwin executes all types of power evacuation projects from concept to commissioning on EPC basis. The key focus areas of Powerwin were various from 11kV to 400 kV substations, an area in which the company has gained valuable expertise.

The comprehensive services cover following domains;

- Complete design and layout of the substation / switchyard
- Selection, procurement and timely delivery of equipment at site
- Civil works and installation
- Testing and commissioning

In addition, Powerwin also undertakes power quality improvement projects and offers electrical solutions like electrification, air-field and ground lighting system, high/low tension power distribution systems for airports.

7. Transmission lines:

Powerwin has been working in the area of power transmission for more than 5-years & offers end-to-end services from design and construction to commissioning of HT/LT & EHV power transmission lines.

Powerwin offers complete transmission line solution & has executed projects up to 400 kV EHV AC and HVDC and its offerings include Sourcing, Selection, Inspection and Supply of line materials including conductors, insulators, hardware, OPGW /EW, construction of transmission lines including foundation, tower Erection, Stringing, Testing and Commissioning.

8. Renewable Energy:

Realizing the tremendous potential of Solar Energy, Powerwin is harnessing this non-conventional resource to promote green energy. Powerwin's capability spectrum covers development of economically viable and technically superior solutions in Engineering, Procurement and Construction (EPC) of Solar Energy Projects by partnering with core solar technology providers. Powerwin's competencies encompass all the key elements in the solar value chain covering concentrated solar power and solar photovoltaic technologies.

Powerwin, an established leader in power generation, transmission and distribution is now playing a crucial role in the power requirements of the nation by bringing Solar Energy to the forefront to help India address the twin challenges of energy security and combating global warming and climate change.

9. Residential Buildings

Powerwin's expertise in residential buildings covers Design and Construction of Electrical System for large townships and high rise apartments, Bungalows, Villas, Resorts etc. Powerwin offers turnkey Electrification work from Concept, Design and Commissioning solutions including complete external & internal electrification with modern state-of-the art technologies.

10. Commercial Buildings & Institutes

Powerwin undertakes engineering, design and turnkey construction of Institutional and Commercial Buildings. Projects are executed using the cutting edge technology, sophisticated construction equipment and project management tools for quality, safety and speed.

11. IT & Institutional Establishments:

This segment of our company provides Electrical solutions from concept to commissioning solutions for IT Parks, office establishments including high rise towers and green buildings. It also undertakes Educational Institutions, Sports stadiums, Exhibition / Convention centers and other public buildings.

12. Airports:

This segment of our company undertakes end to end responsibilities on Turnkey basis for complete Design, Supply, Installation, Testing and Commissioning of major Electrical Facilities at Airports

13. Hospitals:

This segment of our company undertakes Electrical works in various type hospital projects including Design, Supply, Installation, Testing and commissioning of various Electrical system like Substation, Central Air Conditioning system, Internal Electrification, Medical Equipment.

14. Hotels:

In Leisure segment, it undertakes turnkey Electrification work of international class hotels, entertainment centers, serviced apartments, commercial malls and mixed use developments.

15. Factories

Powerwin offers Design and Turnkey Electrical solution for heavy and light factories, cement & plants using the latest technology in Electrical system, with a focus on Quality, Safety and Speed.

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