

# Promax Power Pvt. Ltd.

An ISO 14001:2015 & ISO 45001:2018 Company

Company Profile



**An ISO 14001:2015 &  
ISO 45001:2018 Company**

**14 years young company**

# Promax Power Pvt. Ltd.

(Formerly Promax Technologies)

**REGD. OFFICE :** 1575/1, Sector 38-B,  
Chandigarh 160014 UT India (M) 9023168830,  
www.promax.co.in | Email: sales@promax.co.in

**CORPORATE HQ AT DELHI:**  
150A & 151, 1<sup>st</sup> Floor, Tribhuvan Complex,  
Ishwar Nagar, Mathura Road, New Delhi – 110065

**CHANDIGARH OFFICE:**  
F-303, Industrial Area,  
Phase 8-B, Mohali, Chandigarh 160055

**MANUFACTURING UNIT AT PUNJAB:**  
Vill Devinagar, Near Holy Angel School ,  
Rajpura, Punjab 140401

**KOLKATA OFFICE:**  
R-38 Balaji House , BP Township  
Kolkata-700094, West Bengal

**PROJECT ORRISA OFFICE:**  
Das Villa, Plot – 280 / 3657 Nandan, Vihar. Kalarahangapo  
KIIT, Pin – 751024, Bhubaneshwar, Odisha.

Promoters: Mr. Vishal Bhardwaj and Dr. Shweta Bhardwaj



# About us

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-Established in 2004, More than 15 years of experience in Project Management & Execution.

-Company exclusively focused to its core-business since inception.

-Executing turnkey Power, substation, transmission line, Hydro, distribution, electrification, Civil construction, Pre-engineered Building, High Rise Building, Sewerage and Water treatment projects.

-Dedicated in House Design and Engineering team.

An engineering company offering high quality professional solutions, design and engineering services to its customers. our highly skilled professionals and dedicated team ready to deliver their services. Promax provides technical expertise in the most efficient and cost-effective way helping to ensure the highest degree of reliability and availability of your project. Having achieved certain degree of expertise after successfully executing various projects we have an extremely experienced and diverse set of professionally trained and qualified engineers having versed ability in tackling and providing solutions to our customers and capability to handle all requirements and installations even at the highest scale and magnitude.

## Expertise Core Team

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Promax strong team having vast techno-commercial knowledge and experience in the field of EPC. Our team is lead by HOD, having more than 35 Years of experience in successful execution of multiple EPC projects in India and abroad. He has served as Head of EPC business in various MNC. The core competencies of our team are following:

- Experience of execution of Transmission line and Substation up to 400kV voltage level.
- Working experience in hilly regions of North-East India, Chhattisgarh, Odisha and J&K etc.
- Worked with International clients of Africa, Middle East and SAARC countries.
- In house design set-up.
- Outstanding knowledge of Safety and Environment.
- Highly qualified and skilled civil team.
- Working experience in harsh climate condition including coastal areas.
- Excellent quality team members, having strong hold on ISO and other Standards.

# Core Team

## Vishal Bhardwaj, Founder & MD

Vishal is graduate in Electrical & Communication Engineering and started his career in 2003 working as an engineer in a Electrical company. In 2005, Vishal has decided to be an set up and engineering company with a vision & mission to execute projects for power Sector. Vishal started this business with very small investment and converted it into a profit making business .

Having more than 16 years of rich experience in project management and execution, Vishal has traveled nationally & internationally for the negotiations, finalization and execution of various projects and made Promax a specialization company in the sector of EPC of substation, Transmission line, Solar & Wind power projects.



## Dipak Bandyopadhyay (CEO-Power & Water)

B-Tech Electrical & MBA, Calcutta University.

Dipak has more than 35 Years of experience in successful execution of multiple EPC projects in India and abroad. Prior to this, Dipak has served as head of EPC business in various MNCs. Dipak has also Established T&D verticals for Sterling and Wilson Pvt. Ltd. and Technofab Engineering Ltd, Delhi

Dipak has vast experience of execution of Transmission line and Substation projects up to 400kV voltage level, apart from working in various domestic projects he has involved and worked for International clients of Africa, Middle East and SAARC countries.

Dipak is a Excellent quality team members has outstanding knowledge of Safety and Environment and has very strong hold on ISO and other Standards.



## The growth of the economy is directly proportional to the growth of its infrastructure.

In India, to sustain a GDP rate of 7%, the rate of growth of power supply needs to be over 10 percent annually. In spite of the overall development that has taken place, the power supply industry has been under constant pressure to bridge the gap between supply and demand (All India average energy shortfall of 9.9% and peak demand shortfall of 13.5%). Around 440 million people in India do not have electricity.

Promax has the core capability and competency as a preferred, trusted and reliable partner in the construction of Electrical Projects, domains of civil, mechanical and electrical works in Industry, Transmission & Distribution, Building Electricals, Power Plants. The experience is start-to-end EPC Electrical Projects.

Promax provides engineering, procurement, construction, project management and Commissioning services on a Turnkey basis to the Power Sector leveraging its proven project management and delivery experience of over 16 years, its construction capability, engineers and domain experts.

Our team has worked tirelessly day after day to ensure that the project time schedules are met and quality standards adhered against odds.

# Our Mindset

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- Lead as a business, not as a project
- Take full ownership of outcomes
- Make your contractor successful
- Trust your processes
- But know that leadership is required



## Project leadership

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The performance of large EPC projects has been historically poor and prone to overruns despite extensive research, literature, and practice.

Previous work has analyzed why these projects have deviated from plan, and many root causes have been identified, largely around the issues related to systems, process, and technical mastery.

However, we believe a critical element for successful large project delivery has so far been neglected: specifically the “soft” issues of project delivery such as leadership, organizational culture, mindsets, attitudes, and behaviors of project owners, leaders and teams

Efficient collaboration of the multiple parties involved—across design, construction, the stage-gated approach, project controls and performance management, as well as costing and estimation, are widely disseminated in EPC Project Practices

## Setup

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- Define purpose, identity, and culture
- Assemble the right team
- Carefully allocate risk and align incentives
- Work hard on relationships with stakeholders

Design

Categorize

Control

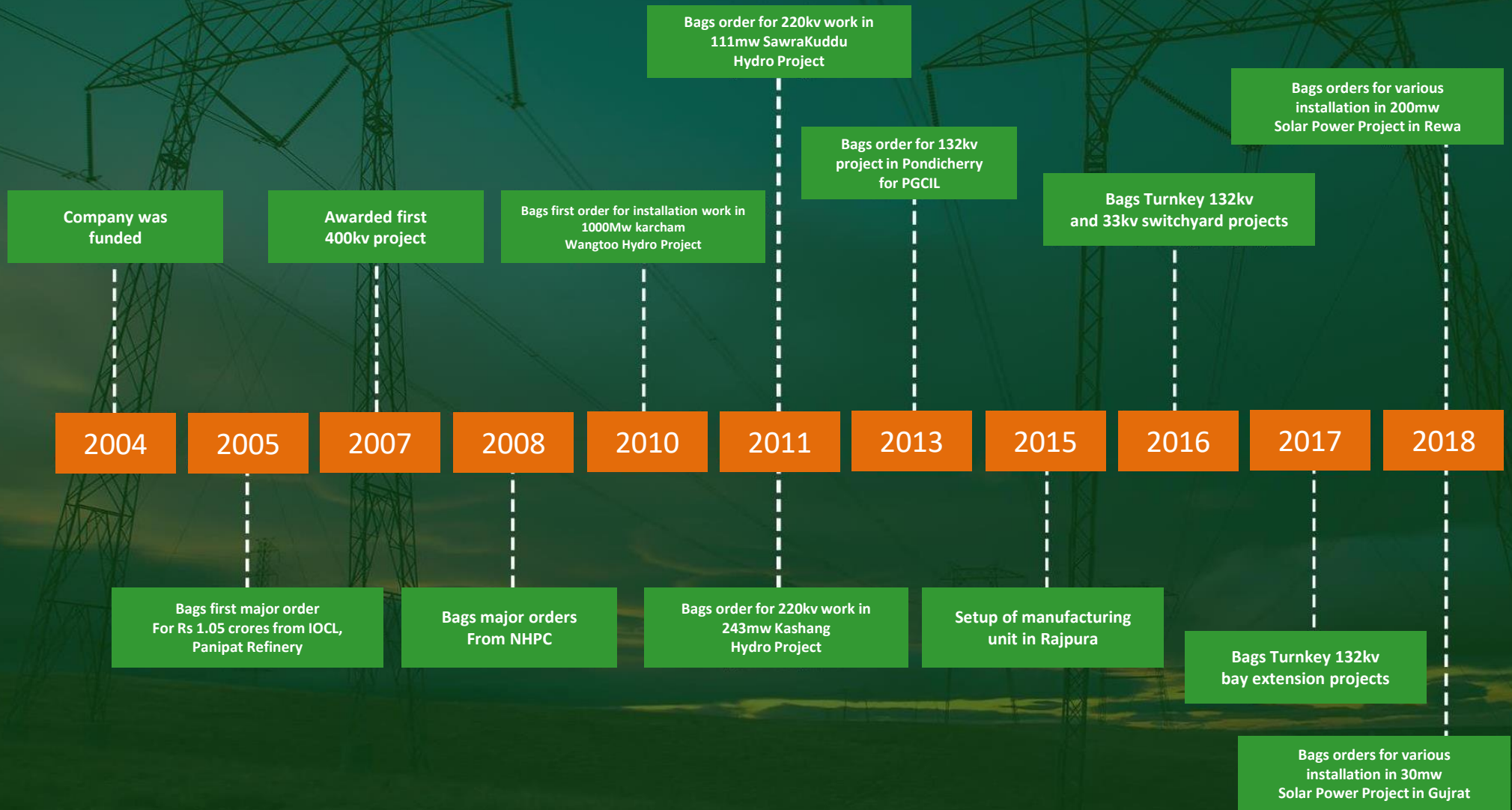
Review

## Delivery

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- Invest in the team
- Adopt forward looking performance management
- Ensure timely decision making
- Drive desired behaviors consistently





Major Past Achievements



Promax is an ISO 9001:2015, ISO 14001 : 2015 and ISO 45001 : 2018 Certified organization engaged in the business of engineering procurement construction for electrification, civil infrastructure and water infrastructure management projects and manufacture of electrical power distribution related products.

**Quality Management System ISO 9001: 2015**

**Environment Management System ISO 14001: 2015**

**Occupational Health and safety Management ISO 45001: 2015**

## **Quality Statement**

Promax is committed to provide quality work to our customers that meets the project standards and specifications for materials, workmanship, tolerances, schedules and public service while maintaining profitability and competitiveness. Promax ensures continual improvement through quality processes which are directed by a strong management team.

## ISO 14001: 2015



# CERTIFICATE

This is to Certify that the  
Environmental Management System  
of

## PROMAX POWER PVT. LTD.

50A & 151, Tribhuvan Complex, Ishwar Nagar, Mathura Road,  
New Delhi, 110065 India  
Village Devinagar, Near Holy Angel School, Rajpura, Punjab- 140401, India

has been independently assessed and is compliant  
with the requirements of

### ISO 14001:2015

This Certificate is applicable to the following product or service ranges:

Execution of Engineering Procurement Construction (EPC) (Power & Solar) projects for Electrification, Power Substations, Overhead Transmission Lines, Underground Cabling, Operation & Maintenance (O&M) works for Voltage level ranging from 11kV to 765kV. Manufacture and Supply of Plain Cement Concrete (PCC) Poles, Connectors & Hardware for Power Distribution lines. Turnkey execution of Civil Infrastructure projects such as Pre-Engineered buildings, Residential and Commercial buildings. Turnkey execution of water infrastructure management projects such as Sewage Treatment Plant (STP) and Water Treatment Plant (WTP).

Certificate No.: IN89820B

Date of initial registration	10 September 2020
Date of this Certificate	10 September 2020
Surveillance audit on or before	09 September 2021
Recertification Due/ Certificate Expiry	09 September 2023

This Certificate is property of LMS Certification and remains valid subject to satisfactory surveillance audits.



Director

For verification and updated information concerning the present certificate visit to [www.lmscert.com](http://www.lmscert.com)  
This Certificate is the property of LMS Certification Limited and shall be returned immediately when demanded.



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Labrynth Business Centre, 43 Middle Hill Gate, Stockport,  
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E-mail :- [info@lmscert.com](mailto:info@lmscert.com)



LMS/IAS/F109E/17/REV02

## ISO 45001: 2018



# CERTIFICATE

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Certificate No.: IN89820C-1

Date of initial registration	10 September 2020
Date of this Certificate	10 September 2020
Surveillance audit on or before	09 September 2021
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LMS/IAS/F109OH/17/REV02

# Environment, Health and Safety Statement

Promax is committed to provide services and products to its clients at the highest attainable standard of safety and environmental protection for its employees, contractors, visitors and other interested parties throughout all areas of its activities, in accordance with client expectations, demands and schedules, providing flexible performance and quick reactions to changes and meeting the quality requirements defined in standards and specifications.

Promax will comply with applicable environmental, health and safety laws, directives, regulations and other requirements as a baseline for doing business, not as a goal. We believe compliance is owned by all employees, and will monitor such compliance through regular self-assessments and audits of our operations, take corrective actions as warranted, and include compliance sustainability as a routine part of operations. We will periodically identify those aspects of our operations on a local level which have the most significant environmental, health and safety impact, and establish objectives and targets for continuous improvement in these areas. In particular, we will work to advance the following aspects within our operations:

- Considering sustainability in the development and adoption of site operations and practices
- Minimizing the generation of solid and hazardous waste and recycling wastes where feasible
- Optimizing energy and resource use with a goal of reducing green house gas emissions
- Communicating each employee's ownership of ensuring safe practices and conditions
- Reducing workplace injuries and incidents
- Reducing ergonomic and manual handling risks in the workplace
- Reducing physical and natural disaster risks

## Vision

To be the preferred source of project management services and products while building an enduring, innovative and successful organization.

## Mission

To provide quality project supervision and workmanship through recruitment, training and systems support and To be the most trusted, respected and preferred brand for electrical equipment that finds application in power generation and distribution and To foster a corporate culture where our employees have a safe, respectful and rewarding work environment To deliver projects on schedule and on budget To maximize the utilization of resources To seek business opportunities that optimize our multi-disciplinary capabilities

Environmental, health and safety targets and objectives will be set by top management, communicated to employees, measured and tracked on a regular basis, and revised as needed to reflect current conditions. In order to facilitate this, Promax will provide appropriate training and resources for employees to use responsible environmental, health and safety practices.





# Substation Projects (up to 400/220/132kv)

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We are licensed electric contractors and doing EPC (supply, erection testing and commissioning) of switchyards for last 12 years. We undertake all types of electrical works like indoor and outdoor lighting, laying of cables, erection of transformers and switchyards up to 400kv, erection of poles, installation of floodlights etc. which also includes design and detailed engineering for EHV sub stations and transmission lines.

We have worked for many reputed organizations like Siemens, Alston, ABB Ltd, Crompton greaves, EMCO, B.S.E.S. I V R C L, Suzlon energy ltd, WBESTCL upto 400 KV. And are also approved by power grid corporation of India ltd and many govt companies in India. Presently we are executing the works of erection

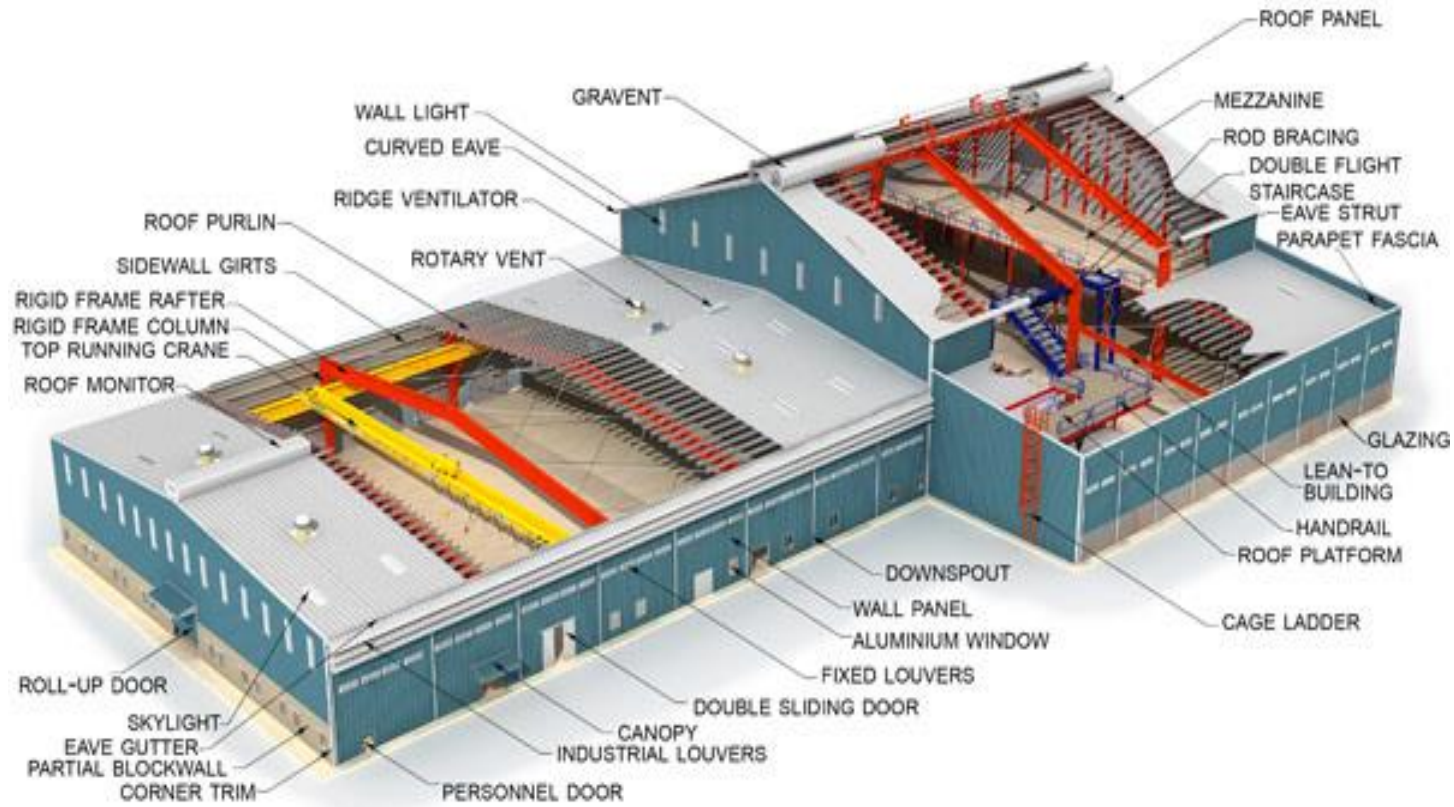
We have a very good organizational set up comprising of highly qualified & experienced technical executive and administrative staff for effectively executing different project activities.

We have adequate financial resources backed up by institutional and banking facilities, and are equipped with conveyance and communication facilities both at H.O. and work sites. We also have a design/drawing office to facilitate execution of works. We maintain the stock of various electrical materials with us and are able to procure the material at a short active time through our associates.

## Transmission Line (Up to 400/220/132kv)

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Promax has over 12 years of experience as sub-contractor and Turnkey contractor in construction and laying of Transmission line including Extra High Tension & High Tension (HT) Transmission Line & Sub Station bays varying up to 220 KV. Promax has over 200 Kms experience in Transmission Lines of 220 KV and 132 KV. We have done over 20 Line projects on a EPC Turnkey basis. We have excellent relationships with leading tower parts and conductor manufacturers. We have a lot of in-house design experience of tower design for various terrains and climatic conditions. All erection and stringing tools are available with us in-house. We have excellent Project Execution teams who have expertise in getting all requisite clearances from statutory authorities like Transco, Discoms, Railways, Telecom, etc. We have experience working in West Bengal, Maharashtra, Jharkhand & Odisha Sate. Our labor gangs are considered one of the most experienced in this field.



# Pre-Engineered Building Projects

Pre-Engineered Buildings (PEB) are the buildings which are engineered at a factory and assembled at site. Usually PEBs are steel structures. Built-up sections are fabricated at the factory to exact size, transported to site and assembled at site with bolted connections. This type of Structural Concept is generally used to build Industrial buildings, Metro Stations, Warehouses etc.



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# Civil Construction

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We are constructing high rise residential building, Commercial building like Shopping Mall, sports complex, Universities, Private Offices and Government office complex with modern technology and deliver high quality. The work also involves the landscaping work to gardens to meet the aesthetic satisfaction of client and customers. The safety features should be primary concern while constructing the residential and commercial building.



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# Sewerage Treatment Plant

Civil construction work in water projects requires high technology and skill. WTP consists sludge collector, Pumping stations, Mixing chambers and Storage and distribution system, where the quality of civil work is always on priority due usages of various chemical compound.



# Water Treatment Plant

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Water treatment is any process that improves the quality of water to make it more acceptable for a specific end-use. The end use may be drinking, industrial water supply, irrigation, river flow maintenance, water recreation or many other uses, including being safely returned to the environment.

# Solar Project EPC

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High quality services in the EPC space, from the initial design stage to the start-up of the installation. Management and implementation. Will deploy proven, world class solar technology and build local solar. Expertise to deliver affordable solar power.

EPC contracts are the most common form of contract used to undertake construction work by private/ government sectors on large and complex solar PV power projects. Under an EPC contract, a contractor will deliver a complete facility to a developer who needs only “turn a key” to start operating power plants and thus generate revenue.

- Basic and detailed engineering
- Technical due diligence regarding energy generation
- Topography study and the calculation of earth works
- Structures and found a then design & calculations
- Design for the install of structures
- Low voltage and medium voltage system design
- Technical advice for the selection of plant equipment



# LED Street Lighting EPC

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Our solar division is having a wide experience in solar LED lighting segment as per international standard and domestic also. Promax solar is providing services in submersible pump, street light, solar power plant, solar farms, solar home lightening system, thin film panel manufacturers and makers of mono-crystalline and polycrystalline panels. Our solar product division has many innovative consumer, and solar charged lanterns.

Promax solar has entered in to representative agreement with a leasing solar power projects firms in India for providing EPC solutions for installation of MW Size solar farms. With this tie up and our in house experience in installations and commissioning of various machines we are confident that we will emerge as leading EPC Company in the country. The company has good infrastructure and finances to accomplish large exports and domestic orders in time. We are equipped with modern machinery and expert manpower our functions in adherence to international standards judicious investment in state-of-the-art machines and path-breaking technology provides us the impetus to offer custom configurations as desired by clients solar street lights.

## Solar home lighting systems

- LED office lights
- LED wall washers
- LED tube lights
- LED floodlights
- LED billboard lights
- LED reading lights
- LED home highting



# Electrification Projects

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Our main sources of work tend to be complete electrification of high rise buildings, industrial houses , hotels multiplexes and the commercial complexes. These have taken our qualified electricians all around the country. We undertake electrification works of all kinds, from complete installation to new additions to circuits, from mains distribution ( 110 KV) to lighting installations.

All works carried out by PROMAX will be provided with the necessary paperwork such as risk assessments and method statements which brings us in line with health and safety at work. All estimates carried out are completely free of charge, any costs involved are for the actual installations carried out.

## Examples of installation carried out:

- 110 kv installations.
- Low voltage distribution panels.
- Control panel design and build.
- Car park lighting.
- High/Low bay lighting.
- Sub main installations.
- Factory refit installations.
- Tray or trucking systems.





# Water Treatment Plant

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# Design & Engineering

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Designing a EHV system is the most challenging and critical part for any early stage project. From the route surveys, structural designs, adequate loading calculations and successful implementation, team Promax designs and builds the cable systems (up to 400kv) as per the suitability of customers and offers complete design services and develop most robust, redundant and cost effective EHV system.

Our highly experienced engineers and CAD specialists have in depth knowledge to understand the typical design requirements considering various site conditions and load requirements and keep their expertise fully coordinated with approving authorities. So our client can be rest assured that their cables and accessories will be safely and cost-efficiently installed using the very latest methods and state-of-the-art equipment's. Full range of services offered by

**Promax pertaining to cable design & installation are:**

- Geo-technical exploratory survey
- Static & dynamic load calculation
- Seismic & wind load calculation.
- Short circuit forces calculation.
- Pulling force calculations.
- Cable-laying equipment's
- Vertical installation.
- Gradient installation.
- Earthling requirements
- Tunnel installation.
- Single point & cross bonding method.
- HV ana EHV XLPE cables rated at up to 400 KV



## PCC Poles Manufacturing Unit: Rajpura PB

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We are ranked among reliable Manufacturers and Suppliers of PCC Poles in Punjab, HP, Haryana & JK. We are engaged in manufacturing PCC Poles of 8.0 meters/ 200 kg, 8.5 meters/ 250 kg, 9.0 meter/ 200 kg, 9.0 meter/ 300 kg, 9.0 meter/ 400 kg, and many more. We offer PCC Poles in varied specifications. Buyers can ask for fast delivery options. We maintain PCC Poles stock ready to manage supply anytime of the year. We have made ourselves capable of delivering PCC Poles at reasonable prices to our valued patrons with assurance of timely completion.

### Our infrastructure

We have a robust infrastructure sprawling over a large area. We have latest technologies and automated machines. It is divided into various units such as : Manufacturing unit Quality unit Packaging unit Logistics department

### Quality Assurance

Our company gives special importance to quality, and for this we follow rigid quality testing procedure. Our quality analysts carry out inspection at different phases of production. This helps us to provide products of supreme quality.





# Water Treatment Plant

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Water treatment is any process that improves the quality of water to make it more acceptable for a specific end-use. The end use may be drinking, industrial water supply, irrigation, river flow maintenance, water recreation or many other uses, including being safely returned to the environment.





## Site Photographs









# Project Photographs





## Project Photographs



## Project Photographs



Project Photographs







## Project Photographs













Thank You