



POWER TECH ENGINEERING

ELECTRICAL ENGINEERS & GOVT. CONTRACTOR

Specialist in Erection, Commissioning and Testing with Supply of Quality Spares for HV, MV & LV Switchgears

Subject: Introducing Our Expert Electrical Engineering Services

Dear Sir

We are thrilled to introduce ourselves as a premier provider of electrical engineering services dedicated to delivering innovative solutions tailored to your needs. With a profound commitment to excellence and a wealth of experience in the field, we are confident in our ability to exceed your expectations and contribute to the success of your projects.

At Power Tech Engineer, we understand the critical importance of reliable electrical systems in today's fast-paced world. Whether you require design consultation, system optimization, or troubleshooting expertise, our team of seasoned professionals is equipped with the knowledge and skills necessary to address your most complex challenges.

Our comprehensive suite of services encompasses:

Specialized in LV, MV, HV any make any type circuit breaker trouble shooting ,servicing, preventing maintenance, breakdown maintenance, annual maintenance with spares.

Electrical system design and analysis
Power distribution planning and optimization
Energy efficiency audits and implementation strategies
Equipment selection and procurement assistance
Regulatory compliance guidance

Project management and oversight Backed by a track record of successful projects and satisfied clients, we take pride in our ability to deliver results that stand the test of time. By partnering with us, you gain access to a reliable ally dedicated to your success every step of the way.

We would welcome the opportunity to discuss your specific requirements in more detail and explore how our expertise can benefit your organization. Please feel free to reach out to us at your earliest convenience to schedule a consultation.

Thank you for considering Powertech Engineering as your trusted electrical engineering partner. We look forward to the possibility of working together and contributing to the realization of your vision.

Warm regards

POWERTECH ENGINEERING,



Power Tech Engineering

Quality Is Our Motto

Company Overview

Power Tech Engineering

Office: 7/1A , ABINASH CHOWDHURY
LANE KOLKATA – 700 046(India)

Contact Nos. : +91- 9804221738, +91-
8013138383

URL:

E-mail: powertech.engg2015@gmail.com,



Company Snapshot

Founder: Mir Nasim Ali

Founded: 2015

Business Type: Electro-Mechanical Consultant, Engineers, & Contractors.

Annual Turnover: Below 1.00 Cr.

No. of Employees: 8

Sister Concern: Tafelco Enterprise

Trading of Electrical Goods)

Servicing: Electrical Control Panels & Switchgears

Other Working Areas: Solar Panel Erection Commissioning.

Engineering Consultant & Contractors

Our Mission

“To be a company committed to “ON TIME & ON BUDGET” delivery, guaranteed performance with satisfaction and offering end-to-end solutions to our customer”

To achieve this, we are focused to provide a level of service that will exceed the expectations of our clients, maintain the highest level of quality and provide our employees an opportunity to grow and prosper.

At PTE we:

- Aim to deliver best value at all times whilst continuing to develop our people skills through advance
- training opportunities.
- Make continuous improvements to our services and people.
- Operate an open and honest relationship with all of our clients and this includes joint decisions making processes, agreed objectives and anticipated goals.

**Engineering Consultant &
Contractors**

Our Vision

“To be recognized as a leading contracting company in India, through our services as per customer satisfaction”

In order to achieve this vision, our goals are:

- To continue to provide and develop strong leadership with integrity.
- To constantly strive for continuity of works, taking pride in our aim of delivering all projects safely, on budget and ahead of program, ultimately exceeding client expectation.
- To respect the well-being of our workers and protect the environment, maintaining our „zero harm“ record.
- To promote continual improvement of our Integrated Management System, adopting innovations and efficiencies without compromising environmental or safety standards.
- To recognise and encourage our employees, providing skills development opportunities to help them develop in their careers.

*Engineering Consultant &
Contractors*

Our Core Principles

Deliver high-quality , innovative solutions that meet or exceed client expectations while adhering to ethical standards and promoting sustainability.

**Engineering Consultant &
Contractors**

Areas of Operation



Consultancy

Electrical Consultants
Designing
Efficient Layout Planning
Budget Estimation
Electrical Solutions



Engineers & Contractors

Complete Turnkey Projects & Solutions for:
-Electrical (HT/LT)
-Fabrication



Servicing & Maintenance

Electrical Control Panels:
-Switchgear (LV/MV/HV)
-PCC
-MCC
-APFC
-Δ MF
-PDB/SDB
Bus duct & Rising Mains ,
Power transfer

Annual Maintenance/
Preventive maintenance/
Breakdown maintenance:
-Distribution Substation
-Multi Stored Building
-Hospital
-Hotel
-Factory & etc
DG Synch.



Supply

Transformers
Switchgear (LV/MV/HV)
Power Cables
Wires
D G Sets
And many more...

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Our Expertise In Electrical Sector

Electrical Services – H.T Side

- ✓ Power Transformer
- ✓ MV Circuit Breaker
- ✓ HV Circuit Breaker
- ✓ /H.T Panel/Metering Panels.

- ✓ Any type of Circuit Breaker servicing

- ✓ H.T XLPE Cable/A.C.S.R/Aerial Bundled Cable(A.B.C).

- ✓ High Tension Line Work up to 33 kV.
- ✓ Overhead/Underground Independent feeder line.
- ✓ Joints with Heat Shrinkable Cable Jointing Kits.
- ✓ G.O. Switch & D.O. Fuses/C.T & P.T.
- ✓ Chemical/Plate Earthing.
- ✓ GI/Copper Strip & Wire.
- ✓ Laisioning Work as per SEDCL rules & regulations.

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Our Expertise In Electrical Sector

Electrical Services - L.T Side

- ✓ L.T Panels
 - Distribution Panels
 - MCC & PCC Panels
 - MV CR Panels
 - HV CR Panels
 - Lighting Panels.
- ✓ Bus bar Trunking System
- ✓ Bus duct.
- ✓ Rising Mains.
- ✓ L.T XLPE/PVC Cabling(Arm./Unarm./Flexible).
- ✓ Cable Management Systems (thru. cable trays, raceways, etc.)
- ✓ Maintenance Free Chemical /G.I copper/plate/ strip Earthing

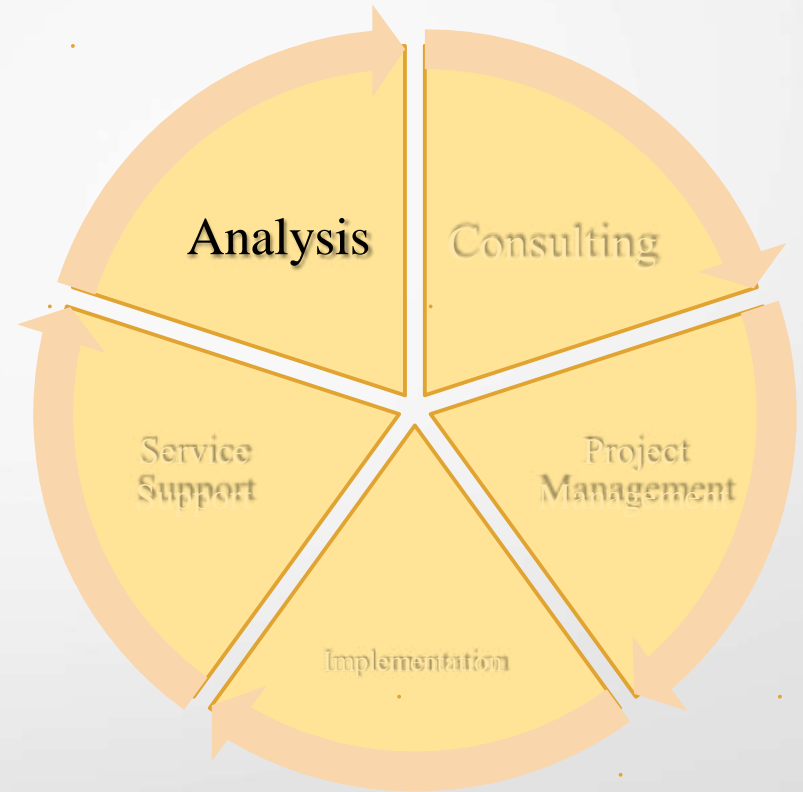
Our Expertise In Electrical Sector

Contd.-1

- ✓ GI/Copper Earthing Strip..
- ✓ Power Distribution Boards(P.D.B), Lighting Distribution Boards(L.D.B).
- ✓ DC Installation & Distribution at substation
- ✓ Substation Automation
- ✓ Lightning Protection Systems.
- ▣ Diesel Generating Set Synchronization..

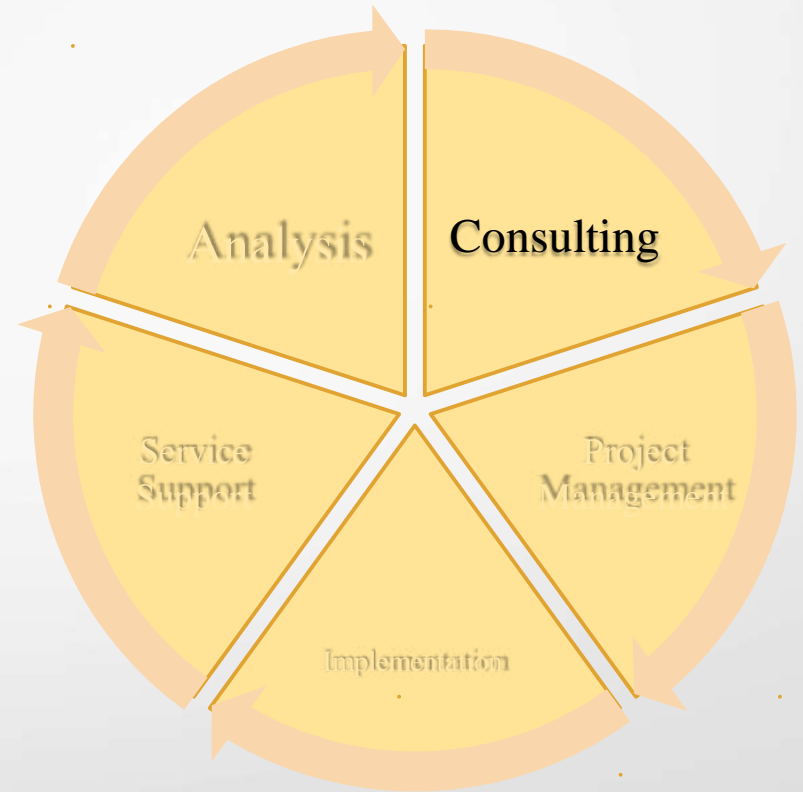
Our Closed Loop Approach (CLA) - Analysis

- Briefing
- Onsite Survey By PTE Engineer
- Extensive Analysis
- Customer Tailored Solutions



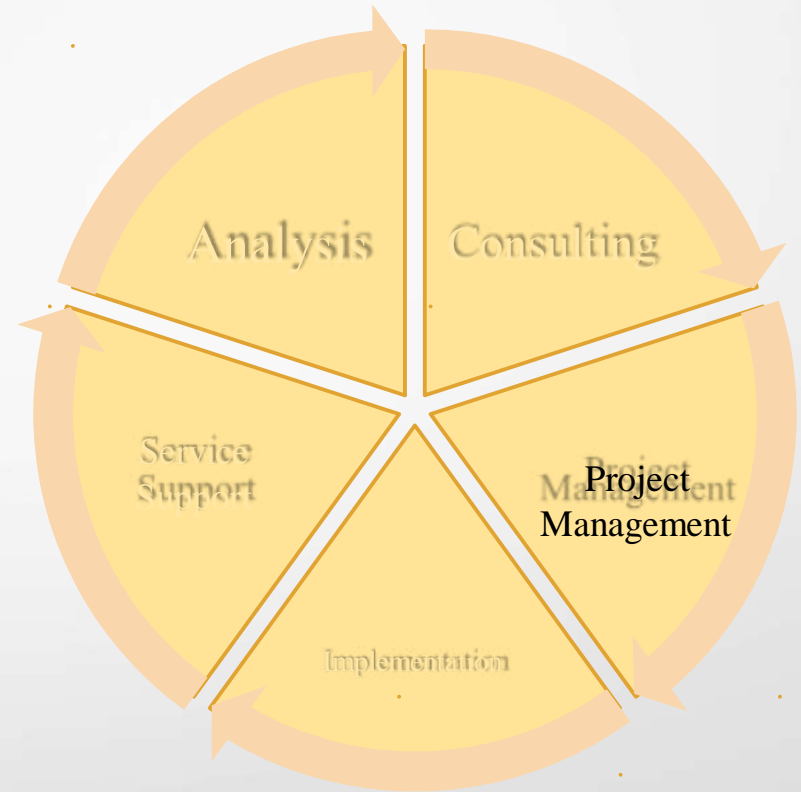
CLA - Consulting

- Product & System Recommendation
- Project Proposal For Optimization
- Cost Concept For Planning Reliability
- Definition of Mutual Benefits



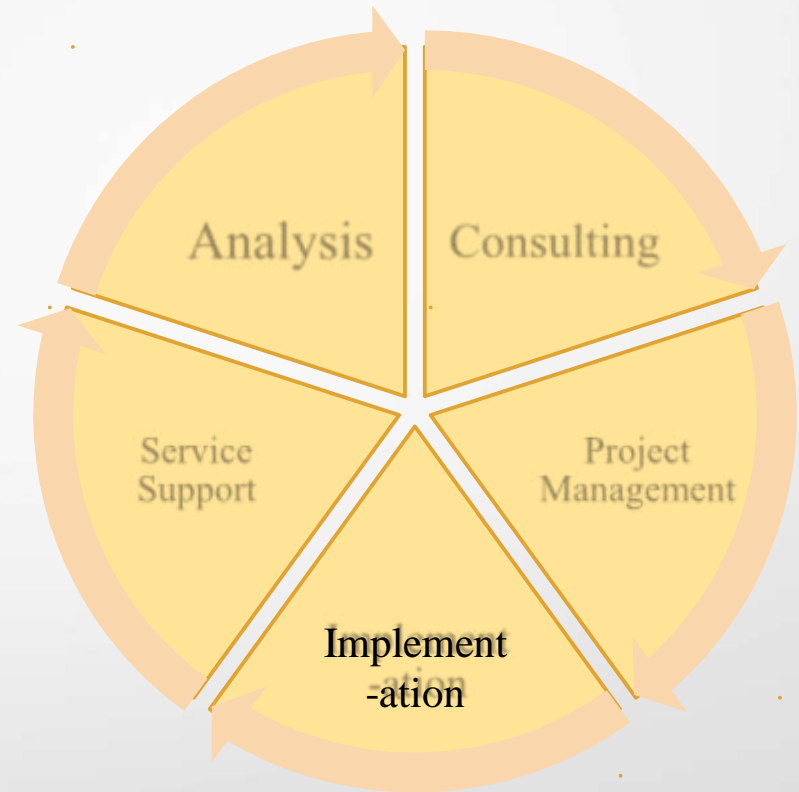
CLA-Project Management

- Documentation of Targets
- Structuring and Scheduling of Project
- Planning of Logistics & Services.
- Ensuring Timely Delivery and Installation of Equipment at Site.



CLA - Implementation

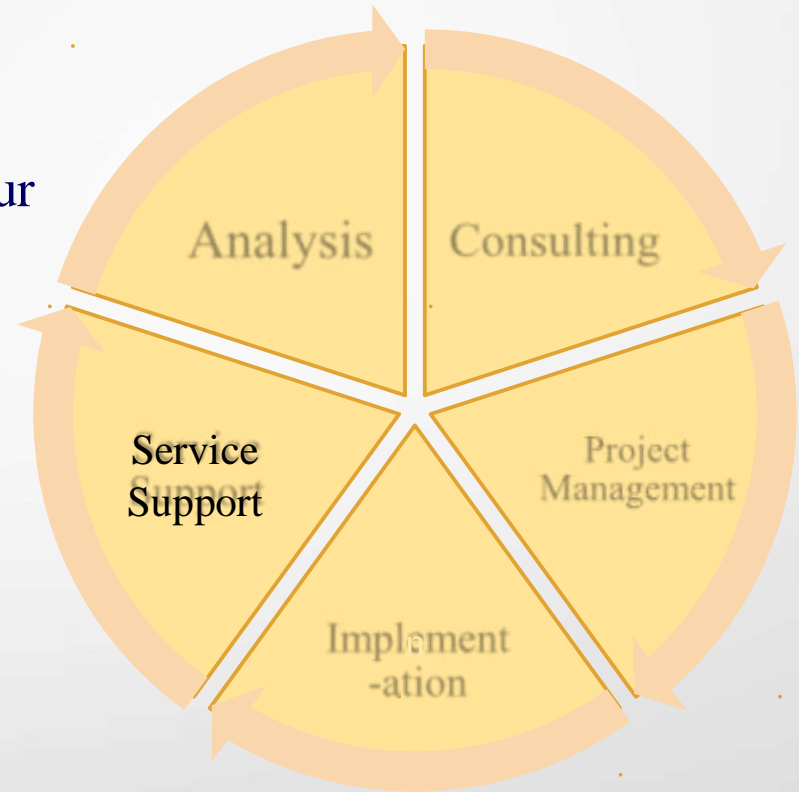
- □Erection and Commissioning Of Equipments / Systems at Site.
- □Trial Run of Each and Every Equipment / System at site, till customer satisfaction.
- □Employee Training
- □Project Monitoring & Control
- □Case Analysis & Fine Tuning
 - □Project Review (✓ *Engineering Consultant & results*)



Edifying of Contractors

CLA-Support

- Continuous Service Support By PTE Engineers on site.
- Continued Improvement Process With Our Customers.
- Revamping & Up-gradation of Existing System at Site(as per customer request).
- Annual Maintenance Contracts.
- Regular Health Checkups for Proper Functioning of System.



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All Centers On You-The Customer



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Customer Satisfaction

•The management of PTE believes that customer satisfaction is an important key to the success of our business. This message is cascaded throughout the company. We have developed a comprehensive approach to customer care and to minimizing defects on all our schemes. Our objective is to achieve customer satisfaction and repeat business by providing electrical solutions that conform to agreed requirements. PTE has built its foundations on relationships with partners, associations, clients, contractors, and employees. Our reputation is based upon recommendations and this has helped set us apart from our competitors. The code of conduct at PTE stems from traditional values within our workforce. Trust, honesty and understanding encompass many of our beliefs and for your own peace of mind we have implemented the following and will endeavour to:

- Be polite, friendly and courteous
- Maintain a high stand of professionalism
- Carry cooperative and flexible attitudes
- Acknowledge concerns
- Be informative
- Listen to feedback

Quality Assurance

- ✓ The management of “PTE” are committed to operate every aspect of the business to those standards that offer the highest possible quality of service to all clients.
- ✓ This is supported by a progressive management style that encourages the Quality culture throughout the Company.
- ✓ The management are committed to the continuous improvement of the Quality Management System by establishing and reviewing quality objectives for all areas of the company.
- ✓ This is to ensure that the company operates effectively and efficiently and meets the needs of customers.
- ✓ The effectiveness of the Quality Management System is monitored by planned audits, management
 - reviews and effective corrective and preventive action.
- ✓ All personnel have been made aware of the management commitment to this policy in particular and quality in general and are encouraged to demonstrate their own support to the system by continuous active participation.

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Why PTE?

• We have attained a remarkable position in the market by offering supreme quality products and services to our clients. Owing to our transparent monetary transactions, fair business dealings and ethical business policies, we have garnered a huge clientele across the state. Listed below are some of the other factors behind our success:

- □ Timely and versatile execution capability
- □ Team of qualified and experienced professionals
- □ Quality services
- □ Priorities such as economy, efficiency, reliability, as well as quick response
- □ Focused business approach
- □ Competitive prices

Executed Projects

Project Synopsis

S No.		Client	Location
1	Supply and delivery of spares for 11 KV BIECCO make VCB switchgear and servicing of the same at pump house	(W.B.S.E.D.C.L) Garia Division	Garia, West Bengal
2	Servicing & supply of spares suitable to 11 KV OCB at Pailn Engineering collage	(W.B.S.E.D.C.L) Behala Division	Behala, West Bengal
3	Servicing of 12 KV BEICCO make OCB, HT cable and LT switch	Senbo Engineering Ltd	Sonarpur, West Bengal
4	Servicing of switchgears at SAIL (Ispat Co-operative Hospital) and Exodus Futarakai pvt. Ltd. Under garia division	(W.B.S.E.D.C.L) Garia Division	Garia, West Bengal
5	Supply & delivery of spaer parts suitable for 11 KV CGL make VCB switchgears and overhauling of those VCBs .	(W.B.S.E.D.C.L) Garia Division	Gangajoara, West Bengal
6	Breakdown repairing, servicing & necessary rectification work along with supply of spare parts of 33 KV CGL make outdoor type VCB	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagart, West Bengal
7	Erection commissioning of MDO type HPL make ACB	Pranava City Complex Pvt Ltd	Salt Lake, West Bengal
8	Servicing of 33 KV VCB Alstom make outdoor VCB at 33/11 KV substation	(W.B.S.E.D.C.L) Garia Division	Rania, West Bengal
9	Servicing and supply of spare parts of 33 KV ABB make outdoor VCB	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
10	Supply and delivery of Resin Cast 11 KV current Transformer	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal

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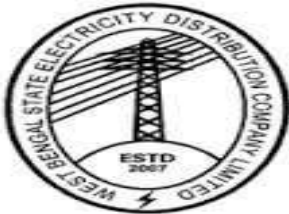
Executed Projects

S No.	Project Synopsis	Client	Location
11	Supply of materials & Erection commissioning of Earth pit for LT transformers	PricewaterhouseCoopers (PWC)	Salt Lake, West Bengal
12	Supply & Delivery of spare parts of 11 KV ESPL make indoor type VCB in 33/11 KV substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
6	Breakdown repairing, Overhauling & necessary rectification work along with supply of spare parts of 11 KV ESPL make indoor type VCB	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Salt Lake, West Bengal
14	Breakdown repairing, Overhauling & necessary rectification work along with supply of spare parts of 11 KV ESPL make indoor type VCB in substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
15	Servicing & supply of spare suitable to 12 KV BIECCO make OCB	West Bengal State Electricity Transmission Company	Bongaon, West Bengal
16	Breakdown repairing, Overhauling & necessary re KV ctification work along with supply of spare parts of 12 KV Areva make indoor type VCB in substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
17	Supply & Delivery of materials (Vacuum Interrupter)	(W.B.S.E.D.C.L) Islampur Division	Islampur, West Bengal
18	Overhauling and servicing of 7 NOS 11 KV switchgear (VCB) panel, make ESPL at 33/11 KV substation	(W.B.S.E.D.C.L) Jiaganj Division	Jiaganj, West Bengal
19	Breakdown repairing, Overhauling & necessary rectification work along with supply of spare parts of 36 KV CGL make outdoor type VCB & 12 KV BHEL make indoor type VCB in 33/11 substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
20	Servicing & Supply of spare parts of 11 KV VCB	Exide Industries Limited Research and Development Centre	Kolkata, West Bengal

Executed Projects

S No.	Project Synopsis	Client	Location
21	Breakdown repairing, servicing & necessary rectification work along with supply of spare parts of 33 KV CGL make outdoor type VCB & 11 KV AREVA make VCB	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
22	Voltage Transformer Erection & commissioning VCB trolley servicing and panel servicing at Foundry division	Burn Standard Co. Ltd, Howrah Works	Howrah, West Bengal
23	Supply and delivery of Resin cast Dual Core C.T (Ratio : 400-200 /1/1A)	(W.B.S.E.D.C.L) Garia Division	Garia, West Bengal
24	Supply of spare parts of BHEL make 12 KV VCB at 33/11 KV substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, Kolkata
25	Supply of Vacuum Interrupter & maintenance job in 11 KV switchgear panel of 11 KV satellite O/G feeder in substation	(W.B.S.E.D.C.L) Behala Division	Serakol, West Bengal
26	Overhauling and maintenance of load break switch	Manpower Group	Salt Lake, West Bengal
27	Breakdown repairing, Overhauling & necessary rectification work along with supply of spare parts of 11 KV Areva make indoor type VCB & Servicing of 36 KV ABB make outdoor VCB in substation	(W.B.S.E.D.C.L) Bidhannagar-1 Division	Bidhannagar, West Bengal
28	Servicing, overhauling, maintenance & supply of spare suitable to 12 KV BEICCO make VCB	West Bengal State Electricity Transmission Company	Kolkata Leather Complex (KLC)
29	Supply of cable & Erection commissioning of AHU	Pranava City Complex Pvt Ltd	Salt Lake, West Bengal
30	Supply shroud plate , Post insulator 33KV VCB & H.S Raychem tape.	HYATT REGENCY	Salt Lake , Sec-3

Well Known Companies are Relying On Us



WBSEDCL



WBSETCL



पावरग्रिड

Power Grid Corporation of India



ManpowerGroup™



HYATT
REGENCY

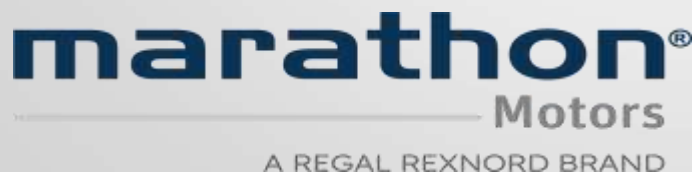


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Well Known Companies are Relying On Us



Aliah University
আলিয়া বিশ্ববিদ্যালয়
جامعة عالية



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Project Gallery



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Project Gallery



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Project Gallery



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Project Gallery



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Earth pit



Steel Fabrication



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Feel Free To Contact Us.

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THANK
YOU

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