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# RAWABI ELECTRIC

- POWER SYSTEMS
- AUTOMATION & CONTROL SYSTEMS
- METAL WORKS & FINISH
- SERVICES & SUPPORT

Rawabi Electric (RE), a fully owned subsidiary of Rawabi Holding, is an innovative energy solutions provider to various industries since 1984. RE offers its clients personalized solutions and services that are customized to their needs. With a carefully selected portfolio, RE is aimed towards delivering best and lasting impressions. Values such as safety, quality, and innovation are just few toppings to its offerings, at no additional cost.

All of RE's offerings are made with German quality. RE's manufacturing facility is under German Dekra (Kema) and US UL continuous audit, testing and certification.

RE has four product divisions:

## 1. Power Systems

Solutions are available to various applications and standards (IEC/ANSI) for both indoor and outdoor application.

### a. Low Voltage Systems

- LV IEC Distribution Panels (AC/DC)
- LV NEMA-ANSI Distribution Panels (AC/DC)
- Switch Racks/Mounting Racks (4, 4X, 7)
- LV Switchgears, Switchboards & MCCs
- Lighting and Accessories (Industrial, Commercial, Area)
- Outdoor Enclosures (LV, MV, VFD)
- Spare Parts and Others

### b. Medium Voltage Systems

- Switchgears up to 7000A, 40.5KV, 63KA (air insulated, GIS, arc proof, metal clad, ARC furnace, double bus bar systems), in accordance to IEC62271-200 (under License from ELATEC Distribution – Germany)
- Motor Control for loads up to 40,000 KW, 17.5KV, 31.5KA, in accordance with IEC62271 and IEC60470
- Compact and Secondary Substations (open and closed types)
- RMU and Metering Units (fixed and extensible types) up to 36KV
- Mobile and Portable Power Centers (MPC and PPC)

## 2. Automation and Control Systems

RE offers competitive solution offering for process and control systems that ranges from base process design to SAT and asset management. This is made possible by RE's highly specialized team, hands on and field know-how, world class staging facility and strategic partnership with global leaders in this field.

- Turn-key Process Control Systems (on MAC basis), from base design to engineering, system integration, MIS, staging, IFAT, ISAT
- World class staging and IFAT facility

- SCADA/PLC/RTU, Engineering, System Integration, Staging and IFAT
- Gen Set Control, Auto Synchronizing, Load Management and Control
- AC/DC Control Systems.
- Instrumentation and Control Boxes (ATEX certified), Cabinets and Shelters
- Protection and Control (Relays, SCADA, PMS, Programming and Software)

## 3. Metal Works and Finish

RE metal services offer first class quality and customized solutions, built in accordance with international standards and client requirements. We deploy the latest world-class manufacturing standards utilizing high precision Laser CNC machines, welding robots, and others. Offering includes:

- a. Structural steel Design and Fabrication
- b. Sheet Metal Design and Works
- c. Metal Finish and Surface Treatment
  - Surface Treatment deploying state-of-the-art 8 Stages Zinc Phosphate Process
  - Coating (Polyester Powder, Anti-Corrosive)
  - Special Finish (Electro Polishing, Passivation, Tin Plating, Galvanizing)
- d. Other Custom Solutions:
  - Competitive services for client designs for various applications on supply contracts and/or job basis
  - Efficient design services for various metal work applications both finished and unfinished surfaces

## 4. Services and Support

RE offers a broad range of specialized services tailored to client needs. Among offered services are the following (additional services available upon request):

- Installation, Testing, Commissioning (Site Services)
- ICE Service Maintenance Contracts (Asset Management)
- Automation and Optimization Solutions
- Training and Consultation
- Engineering, System Design and CAD Services
- Retrofit Solutions
- System integration Services



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