GRIDCON
SERVICES (PVT.) LTD.

BUILDING A STRONGER PAKISTAN









COMPANY PROFILE

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Reliable Infrastructure.
Lasting Impact.

CIVIL INFRASTRUCTURE | ELECTRICAL WORKS | TRANSMISSION LINES | GRID STATIONS & SUBSTATIONS

GRID CON
SERVICES (PVT.) LTD.



POWERING PROGRESS. BUILDING CONFIDENCE.

PROFILE OVERVIEW

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Engineering-led execution across Pakistan's power, civil, industrial and renewable energy infrastructure.



01 ABOUT US

GRIDCON is an engineering-driven construction company delivering reliable civil, electrical and transmission infrastructure across Pakistan. Our philosophy is simple: every project must be safe, technically sound and delivered as promised.

Our teams unite field experience with engineering capability for grid stations, industrial structures, transmission lines and large-scale civil development — from surveys and design coordination through final energization and handover.

OUR MISSION

Deliver high-quality engineering and construction that strengthens Pakistan's power and infrastructure landscape, with safety, precision and accountability at every stage.

OUR VISION

Be a dependable partner for civil and power infrastructure, recognized for responsible execution, technical excellence and long-term trust.

OUR CORE VALUES

- **Reliability**
- **Technical Discipline**
- **Integrity**
- **Safety**
- **Client Partnership**

02 OUR SERVICES

GRIDCON provides integrated engineering and construction services for power, civil and industrial infrastructure — from initial site preparation to testing and commissioning.



01 ELECTRICAL & POWER

132kV, 220kV and 500kV transmission lines; grid stations and equipment foundations; HT/LT distribution and commissioning support.



02 CIVIL & STRUCTURAL

Commercial and industrial construction, RCC foundations, control buildings, roads, earthworks, culverts and rehabilitation.



03 SURVEY & ENGINEERING

Topographic and route surveys, site layouts, construction drawing support, alignment, field supervision and as-built records.



04 PROJECT EXECUTION

Equipment mobilization and placement, skilled manpower, tower erection, cable laying, on-site HSE and quality assurance.

ONE PARTNER. MULTIPLE DISCIPLINES. ACCOUNTABLE DELIVERY.



03 / GRIDCON CAPABILITIES

TRANSMISSION LINE CONSTRUCTION

High-voltage transmission line construction delivered with disciplined engineering, trained teams and controlled safety practices — from foundation to final stringing.

WHAT WE DELIVER

- HT line construction up to 500kV
- Tower foundations and erection
- Conductor, earthwire and OPGW stringing
- Equipment installation and rigging
- Line rehabilitation and rerouting

DELIVERY STRENGTHS

- Accurate execution in difficult terrain
- Lifting, rigging and work-at-height controls
- Skilled installation teams
- Quality-led project coordination
- Timely and dependable mobilization

PROJECT OUTCOMES

Stable transmission infrastructure • Lower maintenance needs
Efficient grid integration and energization support



04 / GRIDCON CAPABILITIES

GRID STATION & SUBSTATION DEVELOPMENT

Integrated civil and electrical execution for grid stations and substations, with coordinated engineering, installation, earthing and readiness for energization.

SCOPE OF WORK

- Control buildings and civil finishes
- Transformer equipment foundations and steelwork
- Cable trenches, cable laying and earthing
- GIS / AIS installation support
- Civil, mechanical and electrical coordination

EXECUTION STANDARDS

- Engineering practices aligned to PEC requirements
- HSE-led installation and lifting controls
- Documented quality assurance and inspection
- Equipment handling and alignment checks
- Coordination through commissioning

INTEGRATED DELIVERY ADVANTAGE

Less interface risk, coordinated multidisciplinary work and controlled project execution from foundation to final electrical integration.



05 / GRIDCON CAPABILITIES

CIVIL ENGINEERING & INDUSTRIAL CONSTRUCTION

Durable commercial, industrial and utility infrastructure delivered through experienced field teams and engineering supervision.

CORE CAPABILITIES

- Commercial and industrial buildings
- RCC foundations, retaining walls and machine bases
- Earthwork, drainage and internal roads
- Culverts, water systems and utility structures
- Structural rehabilitation and site development

FIELD STRENGTHS

- Civil site engineers and trained execution teams
- Concrete quality and construction controls
- Attention to soil stability and foundations
- Coordination with electrical and mechanical works
- Efficient workflow and reduced rework

BUILT FOR THE LONG TERM

Structures that combine engineering soundness, practical constructability and long-term operating reliability.



06 / GRIDCON CAPABILITIES

SOLAR ENERGY SOLUTIONS

Engineered on-grid, hybrid and off-grid solar systems for commercial, industrial and residential applications, designed for reliable performance and long-term savings.

100–2000

kW

Custom solar system sizes described in GRIDCON's service portfolio.

DESIGN & INSTALLATION

- System sizing, documentation and protection
- Panel mounting, inverter setup and 3-phase integration
- Net-metering facilitation and monitoring

COMMERCIAL & INDUSTRIAL

- Rooftop and ground-mounted solutions
- Factories, warehouses and offices
- Load-managed systems and hybrid backup
- Post-installation inspection support

CLIENT BENEFITS

- Potential lower energy costs
- Improved continuity with suitable backup
- Reduced grid dependence
- Clear technical documents and support



07 / GRIDCON CAPABILITIES

TESTING, COMMISSIONING & ELECTRICAL

Electrical test and commissioning support to verify readiness of transformers, switchgear, protection systems, cable networks and complete bays.

TECHNICAL SERVICES

- Transformer ratio, resistance, Tan Delta and oil testing
- Circuit-breaker timing and protection relay testing
- High-voltage insulation and continuity checks
- Cable testing, identification and termination checks
- Panel wiring checks and bay commissioning

WHY IT MATTERS

Disciplined testing and verification reduce commissioning uncertainty and establish documented evidence of electrical readiness.

CLIENT VALUE

Safer start-up • Verified equipment performance • Traceable test documentation for operational teams and audits

08 SURVEY & FIELD ENGINEERING

From planning and survey to on-site coordination, GRIDCON supports technically sound, organized project delivery.





SURVEY & TECHNICAL SUPPORT

- Route and topographic surveys
- Site layouts and equipment alignment
- Profiles, construction drawing support
- As-built records and field supervision

LOGISTICS & SITE DELIVERY

- Loading, unloading and equipment shifting
- Tower erection, steelwork and cable-laying teams
- Mobilization and site coordination
- Quality assurance and HSE monitoring

Accurate field information, coordinated mobilization and skilled manpower support efficient execution across complex infrastructure sites.



09 / OUR COMMITMENT

HEALTH, SAFETY & ENVIRONMENT

Safety is embedded into GRIDCON's approach to high-voltage operations, construction activities, lifting and work at height.

PEOPLE & SAFETY

- Zero-harm working philosophy
- Activity-specific risk assessment
- PPE, toolbox talks and supervision

CONTROLLED WORK

- Safe rigging and lifting methods
- Method statements and compliance checks
- Emergency preparedness and reporting

ENVIRONMENTAL CARE

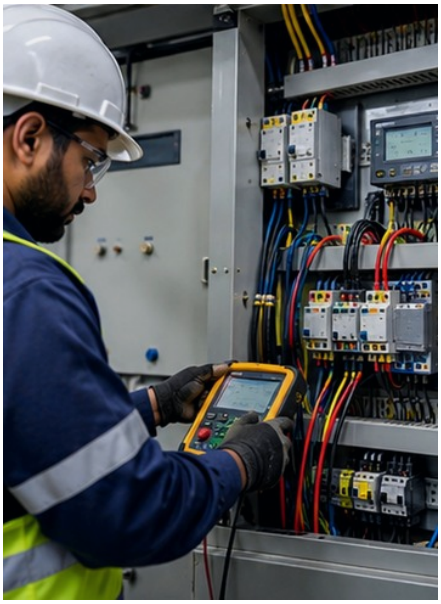
- Managed waste and responsible materials use
- Dust, noise and spill controls
- Site protection and restoration

SAFETY IS A DELIVERY STANDARD.

Protecting personnel, client assets, surrounding communities and the environment throughout execution.

10 OUR EQUIPMENT & RESOURCES

GRIDCON's stated equipment capability supports accurate fieldwork and dependable mobilization for civil, electrical and testing operations.







ELECTRICAL & TRANSMIS

- Derrick poles and conductor grips
- Crimping, pulling and jointing tools
- Earthing and OPGW installation tools

CIVIL & STRUCTURAL

- Excavators, loaders and compactors
- Concrete formwork and vibration tools
- Dewatering pumps and drilling sets

SURVEY & TESTING

- Total Station, GPS RTK and levels
- Transformer, relay and breaker test kits
- Cable testing and ID instruments

Equipment readiness supports faster deployment, higher technical accuracy and more predictable project schedules.

11 CERTIFICATIONS & COMPLIANCE

The following registrations and technical capabilities are listed in the supplied GRIDCON company information.

PEC CONTRACTOR REGISTRATION

CATEGORY C3

Pakistan Engineering Council registration stated in the source profile.

POWER UTILITY APPROVALS

Source lists approvals for 11kV underground and overhead electrical works and utility-related execution capability.

STATUTORY REGISTRATION

Source lists federal and provincial registrations: NTN, PRA, SRB, BRA and STN.

TECHNICAL & QUALITY FRAMEWORK

- Civil, electrical, HT/LT and industrial construction expertise
- Testing and commissioning equipment described as calibrated
- Safety systems aligned with applicable engineering and utility practices
- Documented installation inspections and QA/QC processes

Note: Credential references here reproduce the supplied draft and are not an independent verification of current approvals or validity.

12 WHY CHOOSE GRIDCON?

Integrated engineering, practical field expertise and disciplined coordination give clients a single dependable infrastructure delivery partner.

01 STRONG TECHNICAL DELIVERY

Civil, power and high-voltage teams focused on disciplined and accurate execution.

02 FIELD RELIABILITY

Mobilization readiness, experienced manpower and realistic project coordination.

03 INTEGRATED CAPABILITY

Civil foundations, structural erection and electrical installation under coordinated delivery.

04 SAFETY-LED EXECUTION

Planned lifting, controlled site work and active HSE supervision.

05 CLEAR COMMUNICATION

Regular coordination, transparent progress reporting and professional teamwork.

06 INDUSTRY EXPERIENCE

Experience described in power, utility, civil and industrial infrastructure projects.

RELIABLE INFRASTRUCTURE. LASTING IMPACT.

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SERVICES (PVT.) LTD.



BUILDING A STRONGER PAKISTAN.

Civil infrastructure / Electrical works / Transmission lines / Grid stations / Solar solutions

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