



COMPANY PROFILE 2026

Powering, Building & Connecting Saudi Arabia

Electrical services, construction, facility management, engineering and end-to-end telecom delivery—executed safely, tested properly, documented clearly.

Jeddah, Kingdom of Saudi Arabia +966 54 174 4422 deltaenergys.com



What is inside this profile

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Trusted electrical expertise, delivered end to end

Delta Energy delivers reliable electrical solutions in the Kingdom of Saudi Arabia with a strong focus on

safety, quality and performance. From inspection and testing to maintenance support, construction and facility management, our team works with precision to reduce downtime and keep your systems running smoothly.

We follow clear standards, provide proper documentation, and ensure every project is completed on time with professional workmanship.

20+

Years of experience

ISO

Certified for quality

KSA

Nationwide coverage

What drives our work

Our Vision

To be Saudi Arabia's most dependable electrical partner, known for safe execution and consistent quality.

Our Mission

To provide practical, long-lasting electrical support through skilled technicians, strict safety practices and timely service.

Safety Assured

Safe, compliant work on every electrical job.

Power Stability

Stable performance that reduces outages and downtime.

Expert Support

Skilled technicians handle issues quickly and correctly.

Cost Savings

Quality work lowers future repair and replacement costs.

Dependable delivery, from planning to handover

We focus on sustainability, safety and customer satisfaction with customised solutions, professional support and timely completion for residential, commercial and industrial projects.

Experienced technical team

Skilled, certified technicians and engineers on every scope.

High-quality solutions

Standards-based execution with proper materials and methods.

Customised project planning

Scope, schedule and resourcing built around your site reality.

Reliable & safe installations

HSE-led work practices, permits and method statements.

Energy-efficient systems

Sustainable, efficient equipment and configuration choices.

Timely completion

Predictable milestones with clear reporting and documentation.

Four capability pillars, one delivery partner

01 **Power & Electrical**

Transformers · RMU · cable terminations · cable pulling · testing & commissioning · spare parts

02 **Construction & Facility Management**

Civil contracting · construction works · hard & soft FM · doors, gates & glass · equipment rental

03 **Engineering & Design**

Electrical & ELV · mechanical · civil & structure · automation, instrumentation & SCADA

04 **Telecom Solutions**

Rollout & swap · RF · microwave · IP · data center & DWDM · DAS, IBS & street cells

Every pillar runs the same delivery discipline: survey and design, documented method, safe execution, testing and a clean handover pack.

PILLAR 01

Power & Electrical Services



Transformer maintenance · RMU service support · cable terminations
· testing & commissioning · cable pulling · spare parts supply

Transformer Oil Filtration Services

Delta Energy delivers professional transformer oil filtration services to improve insulation performance, extend transformer life, and ensure reliable power system operation.

- Transformer oil filtration, dehydration & moisture removal
- Dissolved gas analysis (DGA) & oil quality testing
- Transformer oil replacement, top-up & regeneration
- Vacuum oil purification to restore dielectric strength
- BDV (Breakdown Voltage) testing & insulation assessment
- On-site filtration for power & distribution transformers

Ideal for utilities, substations, and industrial facilities seeking reliable transformer performance.



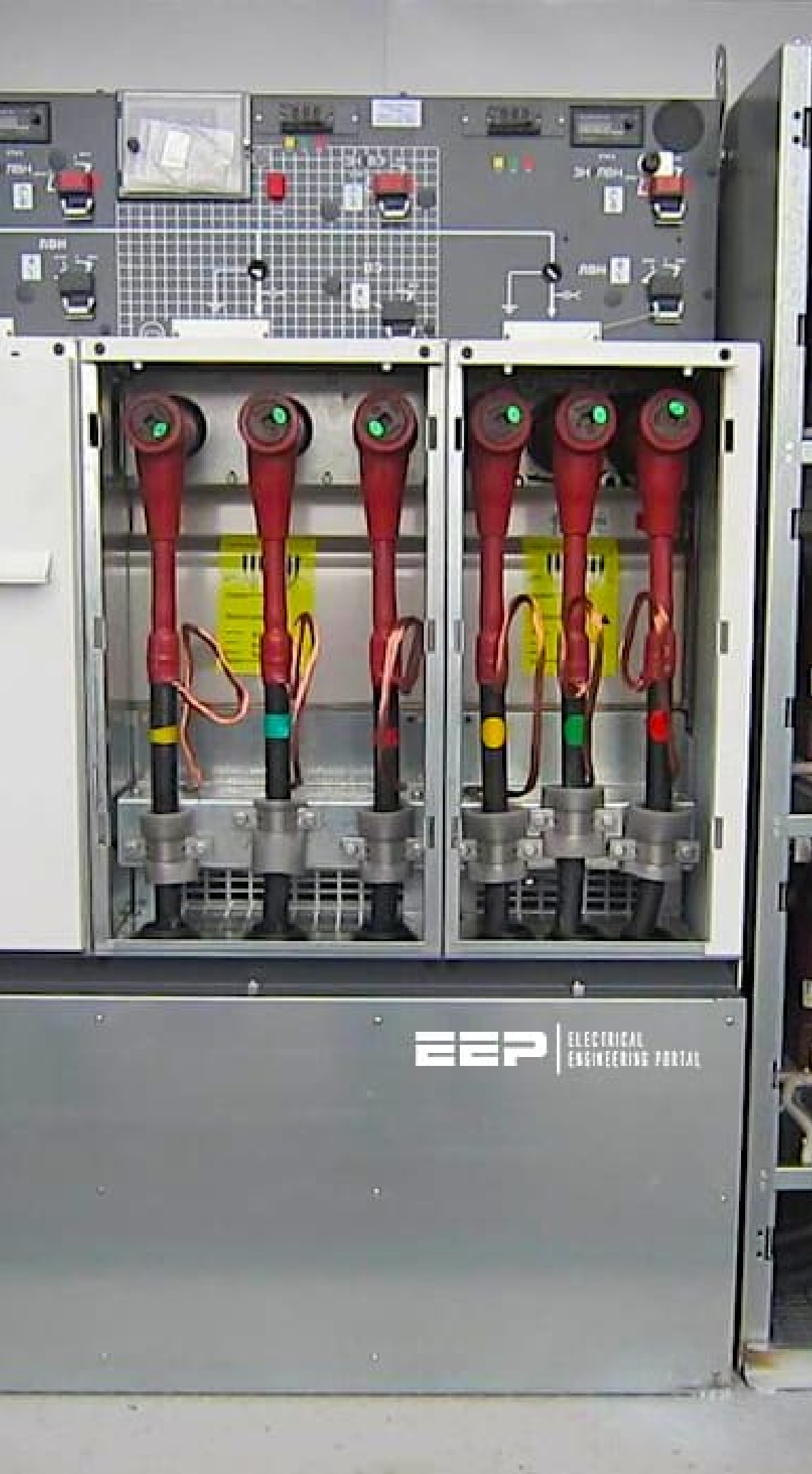
Transformer Maintenance

Testing, oil filtration and inspection programmes that keep distribution and power transformers stable, efficient and reliable.

- Oil filtration, dehydration and dielectric strength testing
- Bushing, gasket, radiator and conservator inspection
- Preventive maintenance schedules and site attendance
- Winding resistance, turns ratio and insulation resistance tests
- Cooling system, fan and temperature protection checks
- Full test reports, oil analysis records and as-built documentation

Ideal for utilities, industrial plants and commercial facilities running MV/LV distribution transformers.





03 · POWER & ELECTRICAL

RMU Service Support

Installation, commissioning and preventive checks that keep ring main units switching safely and predictably.

- RMU delivery, positioning and installation
- Switching, interlock and mechanism function tests
- Scheduled preventive maintenance visits
- SF6 gas pressure verification and top-up
- Cable box, termination and earthing checks
- Fault attendance, spare replacement and reporting

Commissioning support available for new substations, extensions and replacement units.

Cable Terminations

MV and LV heat-shrink and cold-shrink terminations and joints, executed by certified jointers with correct sealing and earthing.

- MV and LV heat-shrink terminations
- Cold-shrink terminations and separable connectors
- Straight-through and branch joints
- Correct sealing, insulation and screen earthing
- Continuity, insulation resistance and Hi-Pot testing
- Photo records and jointing test certificates

Kits and accessories supplied to match cable type, voltage class and site conditions.





Testing & Commissioning

Structured pre-commissioning and commissioning services that prove an installation is safe, correct and ready for energisation.

- Pre-commissioning inspection and checklists
- Protection relay testing and settings verification
- Functional, interlock and load testing
- Insulation resistance and continuity measurement
- Earthing, polarity and phase-sequence checks
- Handover reports, test sheets and as-built records

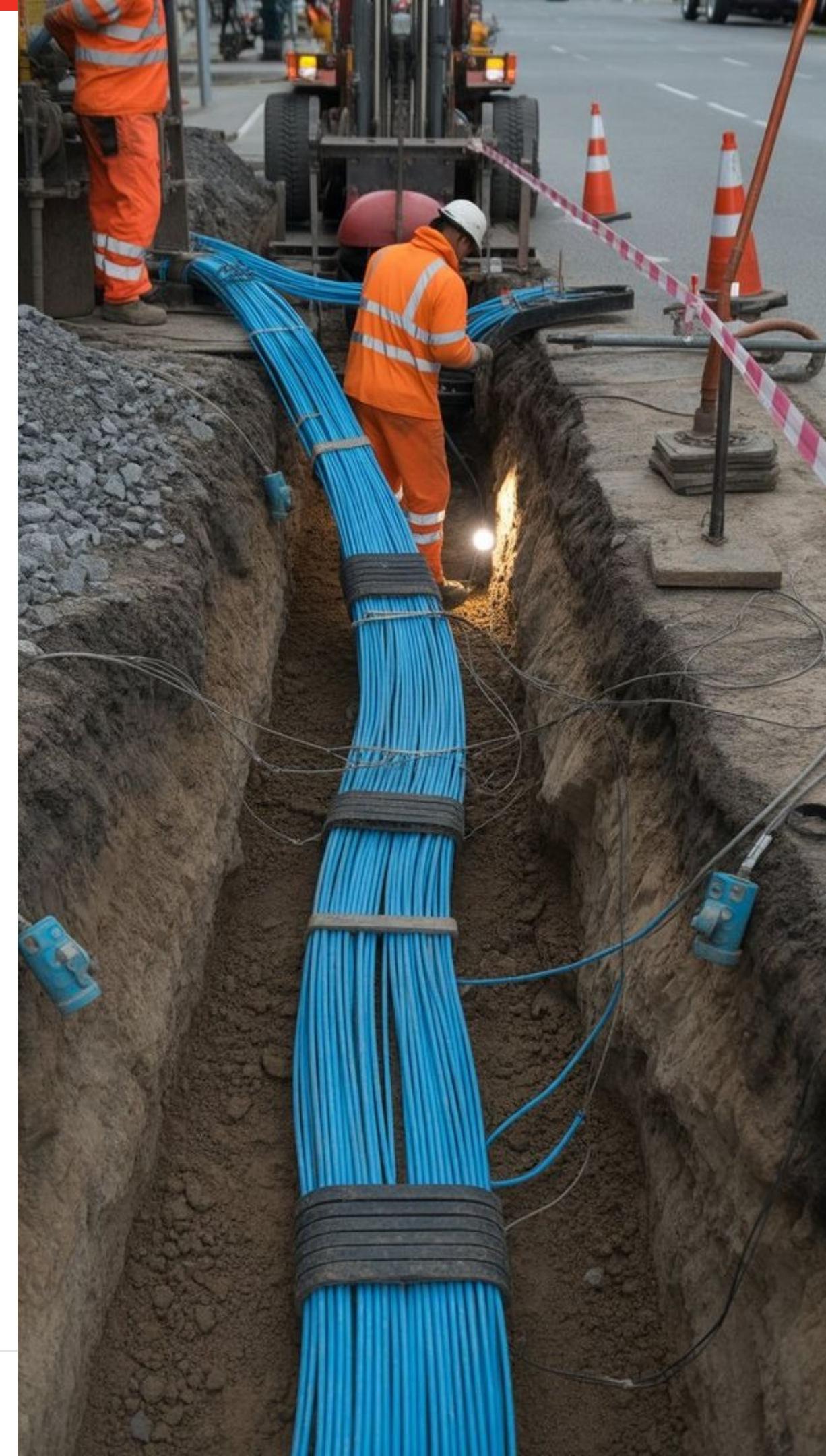
Calibrated instruments, documented method statements and witness-ready test packs.

Cable Pulling Services

Professional cable pulling and laying, from a single run to large multi-circuit projects across ducts, trenches and cable trays.

- Single-run to multi-circuit MV and LV pulls
- Trench, duct, tray and riser routing
- Cable tagging, route marking and as-built updates
- Winch, roller, bond and guide setup
- Pulling tension and bend-radius control
- Post-pull inspection and insulation testing

Crews, tools and traffic-safety measures mobilised to suit live-site and shutdown windows.



Spare Parts Supply

Quality electrical spares that support replacements, upgrades and planned maintenance without long shutdown windows.

- Transformer and RMU
- spares
- Cable accessories and termination kits
- Planned-maintenance stock support
- Switchgear and protection components
- ELV, control and instrumentation spares
- Sourcing, logistics and supply documentation

Part identification from nameplate data, drawings or site survey when records are incomplete.

PILLAR 02

Construction & Facility Management



Civil contracting · construction works · hard & soft facility management · automatic doors, speed gates & glass works · equipment rental

Civil Contracting Works

Site support work that finish and protect electrical and industrial spaces — doors, shutters, epoxy, gypsum and related civil finishing.

- Doors, roller shutters and louver installations
- Epoxy and industrial floor coating
- Gypsum partitions and false ceilings
- Painting, plaster and finishing works
- Substation and equipment-room civil works
- Site preparation, breaking and repair works

Delivered alongside our electrical scopes so one team closes both civil and power works.





Construction Services

Structural and building works for power, industrial and commercial projects — from foundations and plinths to complete rooms and fit-out.

- Substation, plant room and control room construction
- Steel structures, platforms and access ladders
- Renovation, modification and interior fit-out
- RCC foundations, plinths and equipment bases
- Boundary walls, cable trenches and manholes
- Site supervision, QA/QC and HSE control

Turnkey option: civil, structural, electrical and ELV scopes managed under a single programme.

Facility Management

Integrated hard and soft facility management that keeps buildings, plants and campuses operating safely and efficiently after handover.

Hard FM

- MEP operation and maintenance
- HVAC, chillers and ventilation upkeep
- Electrical distribution and lighting
- Plumbing, pumps and drainage
- Generators, UPS and standby power

Soft FM

- Cleaning and housekeeping
- Pest control
- Landscaping and external areas
- Waste handling
- Manned support and site attendance

Management & control

- Planned preventive maintenance (PPM)
- 24/7 helpdesk and reactive callouts
- Asset register and life-cycle tracking
- HSE compliance and permits
- Monthly KPI and condition reporting

Contract models: annual maintenance contracts, comprehensive FM, or resident-technician deployment on your site.

Automatic Doors, Speed Gates & Access

- Automatic sliding, swing and telescopic doors
- Access control and card/biometric integration
- Safety compliance and emergency-egress checks
- Speed gates, turnstiles and flap barriers
- Sensor, motor, belt and controller service
- Preventive maintenance contracts and callouts

Installation, maintenance and spare support for reliable long-term door performance.



Glass Works & Equipment Rental

Glass Works

Professional glass installation and repair for automatic doors, entrances and facades.

- Toughened and laminated glass supply
- Frameless glass doors and partitions
- Facade and entrance
- Bglraezainkagge replacement and resealing

Rental Equipment — DILO Machine

DILO machine rental for SF6 gas handling and switchgear maintenance operations.

- SF6 gas recovery, filling and
- Gevaasc puuartiotyn and moisture measurement
- Trained operator support on site
- Short-term and project-duration rental

PILLAR 03

Engineering & Design Services



Electrical & plant systems · extra low voltage systems · mechanical engineering · civil & structure · automation, drives, instrumentation and SCADA



Electrical Engineering

Electrical engineering for process and industrial plants, taken from concept design through construction support and commissioning.

PLANT SYSTEMS

■ Lube Oil Blending Plants

- Load lists, cable sizing and schedules
- Motor control centres and starter design

- Power distribution and substation design
- Single-line diagrams and layout drawings
- Hazardous-area review and earthing studies

Extra Low Voltage (ELV) systems form a dedicated part of our electrical scope — detailed on the next slide.



Extra Low Voltage (ELV) Systems

Design, installation and integration of the safety, security and communications systems that plants and buildings depend on.

i

Fire Detection & Alarm Systems

Detectors, panels, sounders, cause-and-effect and testing.

ii

Indoor & Outdoor Illumination

Lux calculations, luminaire selection and control.

iii

Earthing & Grounding

Earth grids, lightning protection and resistance testing.

iv

CCTV Systems

Camera layout, NVR storage, cabling and commissioning.

v

Security & Access Systems

Access control, intrusion detection and integration with gates.

vi

Tele-communication

Structured cabling, telephony and site communication links.

vii

Public Address Systems

Zoned PA, voice evacuation and intelligibility checks.

Mechanical Engineering

Process and mechanical engineering across plant equipment, piping, storage and building services.

- a Process Engineering
- b Basic & Detail Engineering
- c Equipment & Plant Engineering
- d Pipe Line Engineering
- e Bulk Storage Tanks & Steel Structure Design
- f HVAC Systems

Civil & Structure

Structural design and construction supervision for plant equipment, buildings and tank-farm infrastructure.

- a Equipment Foundations
- b Plants and Buildings
- c Dyke / Bund Wall for Tank Farm
- d RCC Cooling Towers
- e Construction Supervision

Design and supervision link directly to our construction crews for a single line of responsibility.



Automation, Control, Drives, Instrumentation & SCADA

Control-system engineering that takes a plant from conceptualisation through installation, commissioning and live operation.

a

Complete engineering from conceptualisation phase to installation and commissioning

b

SCADA face plate development and dynamization

c

Installation and commissioning of VFDs and drives

d

Data sheets for instrumentation and hook-up diagrams

e

Auto tank gauging

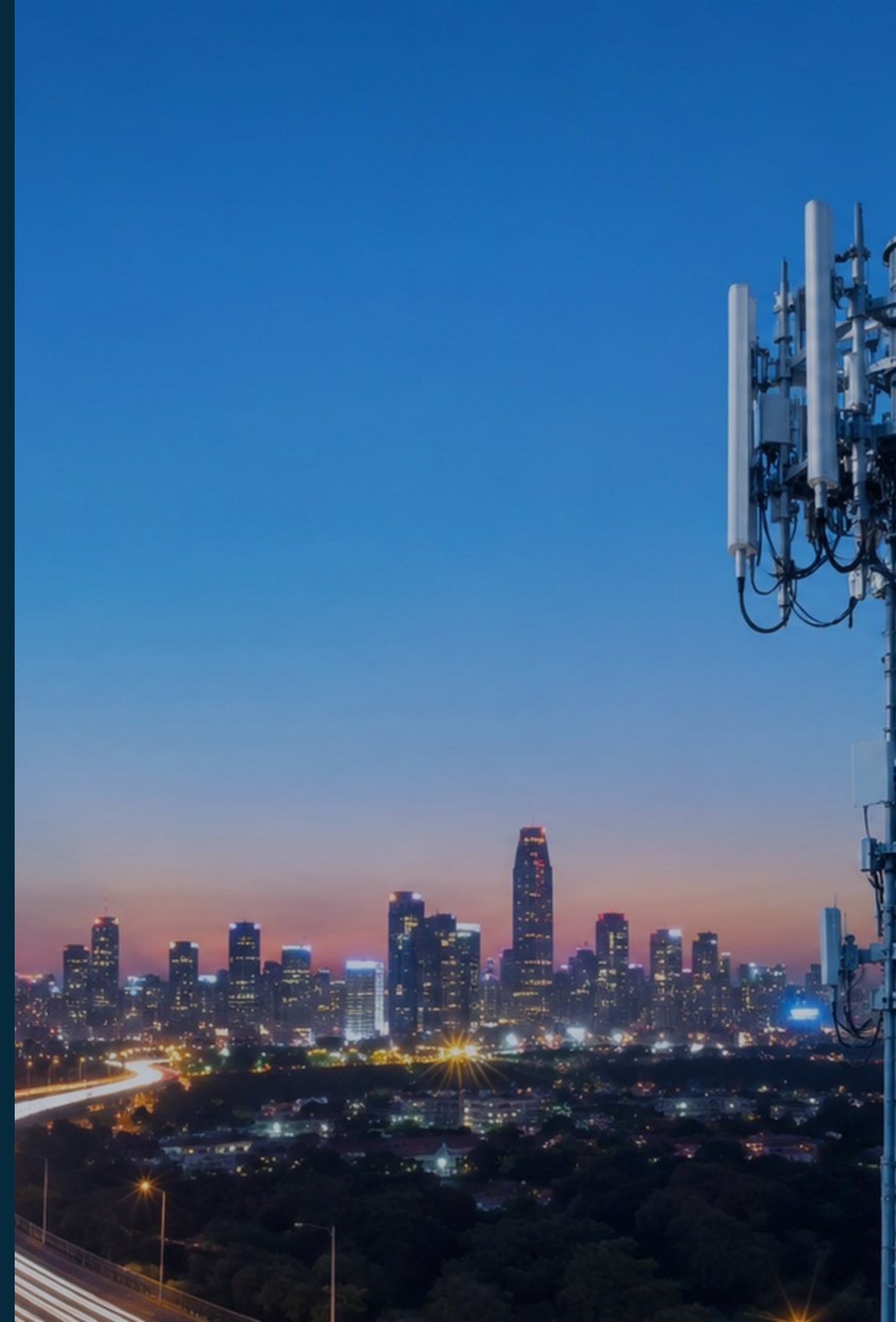


End-to-End Telecom Solutions

Reliable, scalable and future-ready network delivery for telecom operators, enterprises and infrastructure partners.

- Network Rollout & Modernization
- RF, Microwave, IP & Transmission
- Data Center, DWDM, DAS, IBS & Street Cells
- Design, Integration, Testing & Optimization

Connecting Tomorrow, Today.



The Network Delivery Challenge

Telecom projects require precision across design, field work, integration, testing and handover.

Complex rollout timelines

Multiplesites,teams,vendorsandapprovals must stay aligned.

Coverage & capacity pressure

Operatorsneedstrongerindoor,outdoorand high-density performance.

Legacy infrastructure

Oldsystemsneedsmoothmodernization without service disruption.

Integration gaps

Hardware,IP,RF,transmission and documentation must match.

Site coordination delays

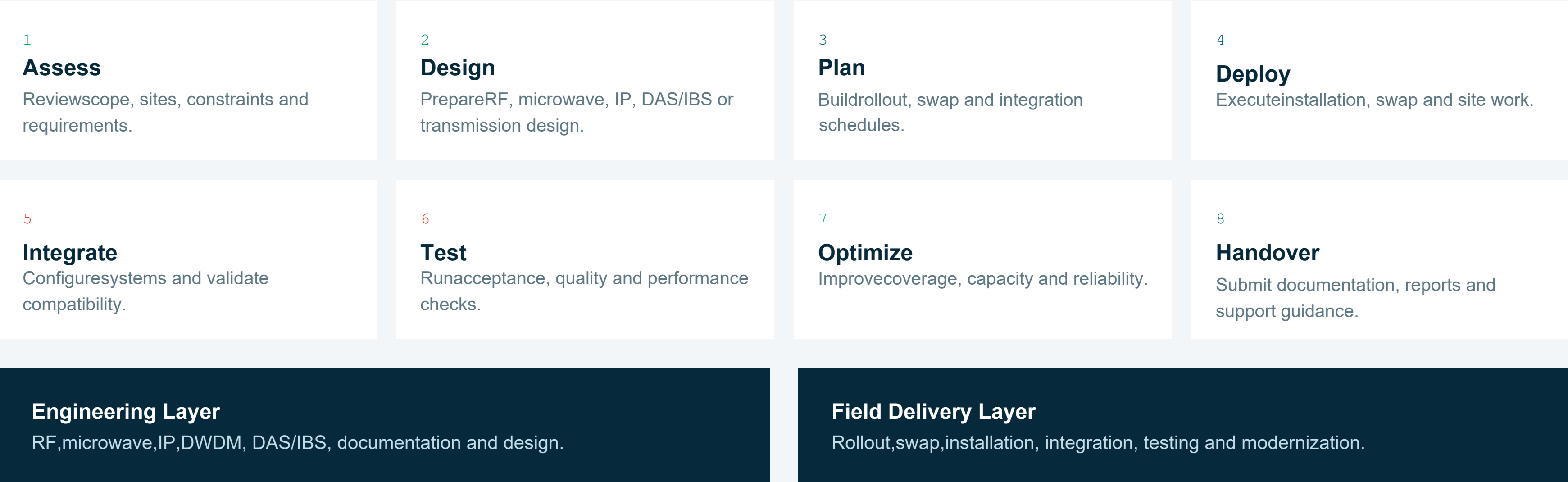
Surveys,installation,swapsandaccess windows require discipline.

Quality handover needs

Testing,optimizationandclearrecords protect long-term operations.

The solution is not installation alone. It is controlled end-to-end delivery — from planning and design to testing, optimization and support.

One Partner for Complete Network Delivery



Delta Energy combines telecom engineering and field execution into one practical delivery model.

Core Services

A complete telecom service line for operator-grade network planning, deployment and modernization.

Network Rollout, Swap & Modernization

Site access coordination, installation, equipment swap, hardware replacement, legacy modernization and technology integration.

RF Design, Planning & Optimization

Scalable RF design, HLD/LLD documentation, cell design data preparation and RF parameter tuning.

Microwave Design & Implementation

Site surveys, TSSR reports, link budget calculations, installation, testing and high-capacity connectivity.

IP Design & Implementation

IP networking solutions, IP-RAN / IP-MPLS documentation, router configuration, integration and troubleshooting.

Data Center & DWDM Solutions

Data center design, DWDM setup, system integration, network testing, validation and high-capacity infrastructure.

DAS, IBS & Street Cell Solutions

Indoor, outdoor and high-density coverage enhancement through design, deployment, testing and optimization.

How the Process Works

A controlled workflow from technical review to delivery, acceptance and handover.

Requirement review

Understands scope, targets and technical constraints.

Site survey

Collects site details, access notes, photos and measurements.

Technical design

Prepare RF, microwave, IP, DAS/IBS or DWDM Build HLD, LLD, TSSR, scripts and work packs.

Documentation

Installation

Executes safe, clean and coordinated field deployment.

Integration

Configure and connect systems into the active network.

Testing

Validate quality, service, coverage and connectivity.

Optimization & handover

Tune performance and submit clear acceptance records.

Designed correctly. Delivered efficiently. Optimized for long-term performance.

Who We Serve

Built for organizations that need reliable network delivery, coverage enhancement and scalable telecom infrastructure.

Telecom operators

Mobile and fixed network upgrades, coverage improvement, modernization and performance support.

Enterprises & campuses

Reliable indoor coverage, secure connectivity and critical business telecom infrastructure.

Government & large organizations

Secure, scalable and structured telecom network solutions.

Telecom subcontractors & vendors

Specialized engineering, site delivery, integration, testing and optimization support.

Data center projects

DWDM, IP connectivity, transmission and high-capacity network delivery.

Hotels, malls & hospitals

IBS, DAS and reliable indoor mobile experience for high-traffic facilities.

Focused on telecom delivery, network performance, coverage and connectivity — with no civil works scope included in this brochure.



Why Delta Energy for telecom delivery

20+ years of telecom expertise

Experience across telecom infrastructure, network technologies and project delivery.

End-to-end delivery model

Planning, design, installation, integration, testing, optimization and handover.

Built for real operations

Solutions aligned with site realities, service quality, timelines and documentation needs.

Scalable, future-ready networks

Support for modernization, capacity growth, coverage improvement and reliable connectivity.

Ready to build stronger networks?

Core Services

Dedicated service pages for proposal meetings, technical discussions and operator presentations.

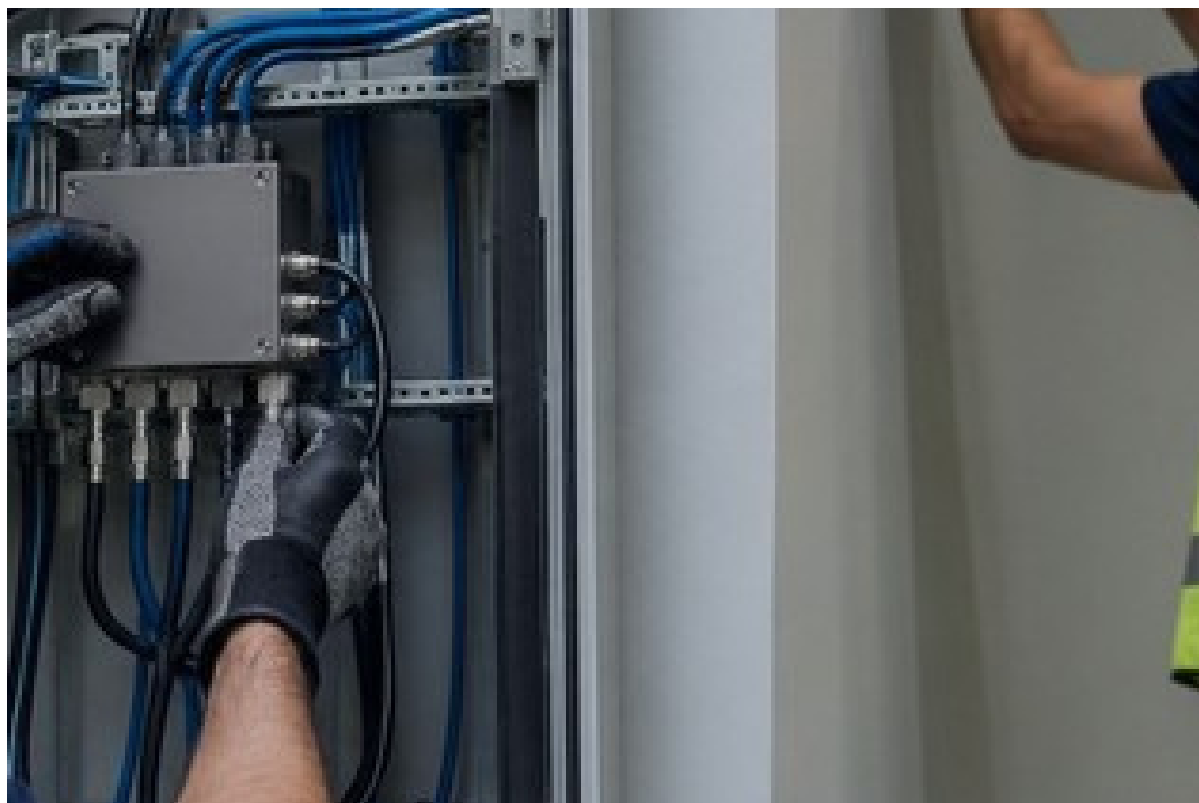
- Network Rollout, Swap & Modernization
- Microwave Design & Implementation
- Data Center & DWDM Solutions
- RF Design, Planning & Optimization
- IP Design & Implementation
- DAS, IBS & Street Cell Solutions



Network Rollout, Swap & Modernization



Site rollout and modernization delivery



Full Site Delivery

Delta Energy supports telecom site execution from mobilisation to handover, helping operators and vendors upgrade active network sites with structured field delivery.

WHAT WE DELIVER

- 1 Rollout and swap execution
- 2 Site coordination and access support
- 3 Installation and integration
- 4 Testing, acceptance and handover

Designed for active network upgrades, legacy modernization, vendor support and operator rollout programs.

RF Design, Planning & Optimization

Smarter Radio Performance

We support radio network planning and optimization by combining site data, coverage objectives, parameter tuning and practical handover documentation.

WHAT WE DELIVER

- 1 RF planning and coverage review
- 2 HLD, LLD and cell data support
- 3 Parameter tuning
- 4 Coverage and capacity optimization

Designed for better coverage, stronger user experience and measurable network quality improvement.



RF planning and site performance review



Microwave Design & Implementation



Microwave installation and link verification



High-Capacity Backhaul

Delta Energy delivers microwave planning and implementation support for telecom links that require reliable connectivity, accurate alignment and clean technical documentation.

WHAT WE DELIVER

- 1 Path planning and feasibility
- 2 Link budget and design checks
- 3 Survey and TSSR reporting
- 4 Alignment, testing and handover

Designed for backhaul connectivity, site transmission links and high-capacity microwave networks.

IP Design & Implementation

Structured IP network design, configuration support, integration and troubleshooting.

Reliable IP Network Delivery

We support IP RAN, IP/MPLS, router configuration, integration packs, validation and troubleshooting for operator-grade and enterprise network environments.

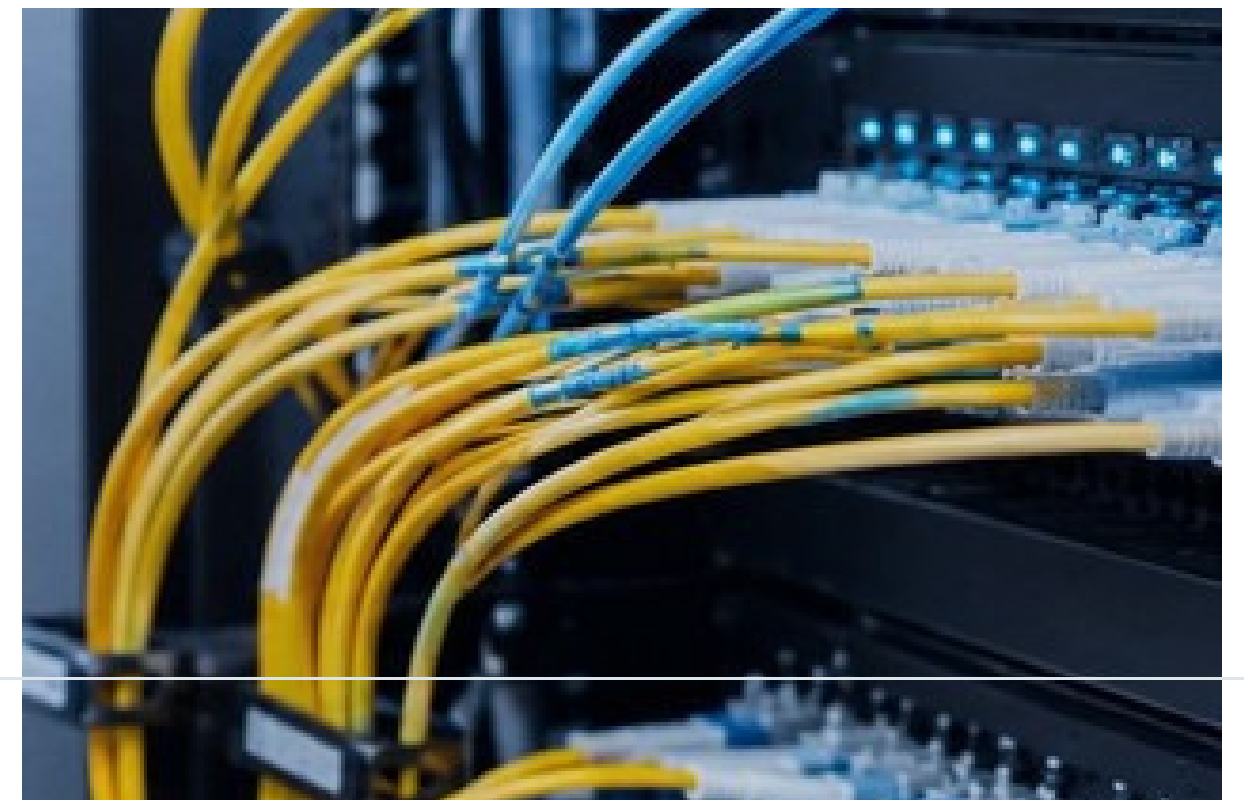
WHAT WE DELIVER

- 1 IP RAN and IP/MPLS support
- 2 Configuration scripts and packs
- 3 Router integration and validation
- 4 Troubleshooting and documentation

Designed for scalable, structured and reliable IP network delivery across telecom operations.



IP network design and operational visibility



Data Center & DWDM Solutions



DWDM, optical connectivity and fiber infrastructure

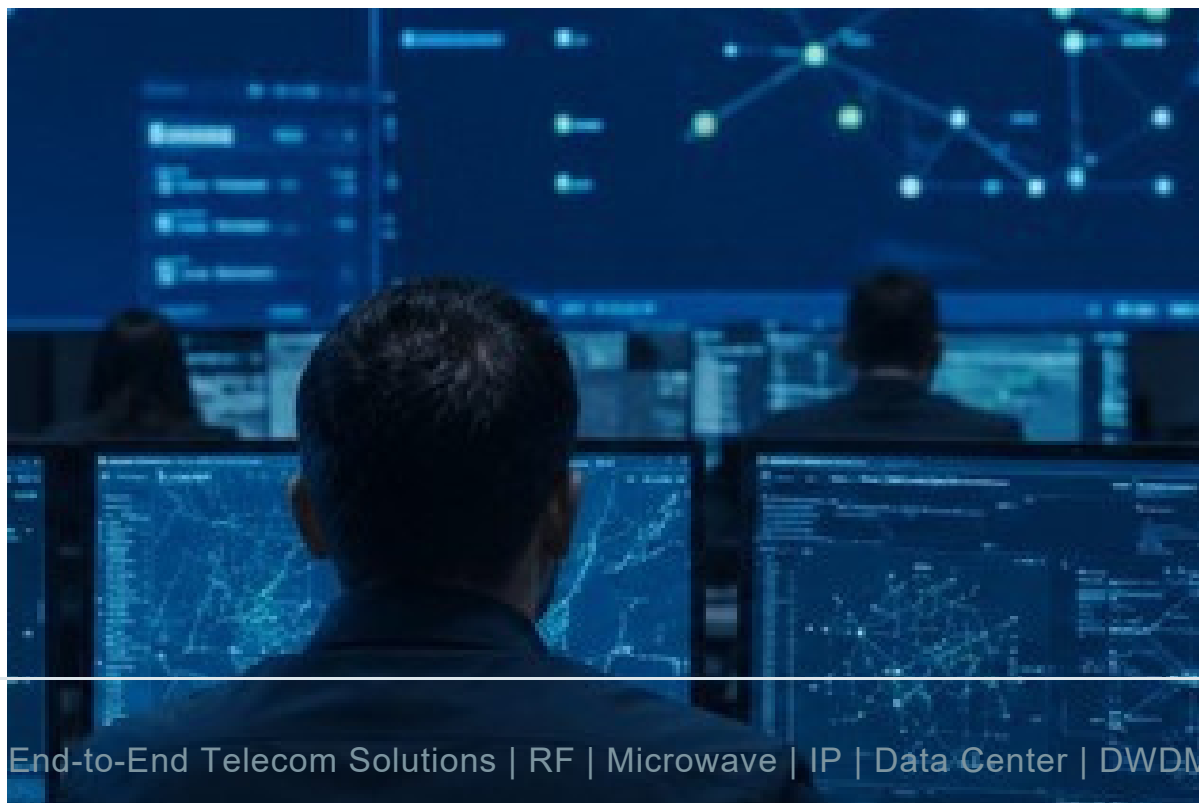
Backbone Connectivity

Delta Energy supports data center and DWDM deployments with design coordination, system integration, optical connectivity, network validation and clear handover records.

WHAT WE DELIVER

- 1 DWDM setup and integration
- 2 Data center connectivity planning
- 3 Network testing and validation
- 4 Structured handover documentation

Designed for backbone links, mission-critical connectivity, data centers and high-capacity networks.



DAS, IBS & Street Cell Solutions

Coverage Enhancement

Distributed Antenna Systems, In-Building Solutions and street-level cell improvement help increase coverage, reliability and user experience where conventional macro coverage is not enough.

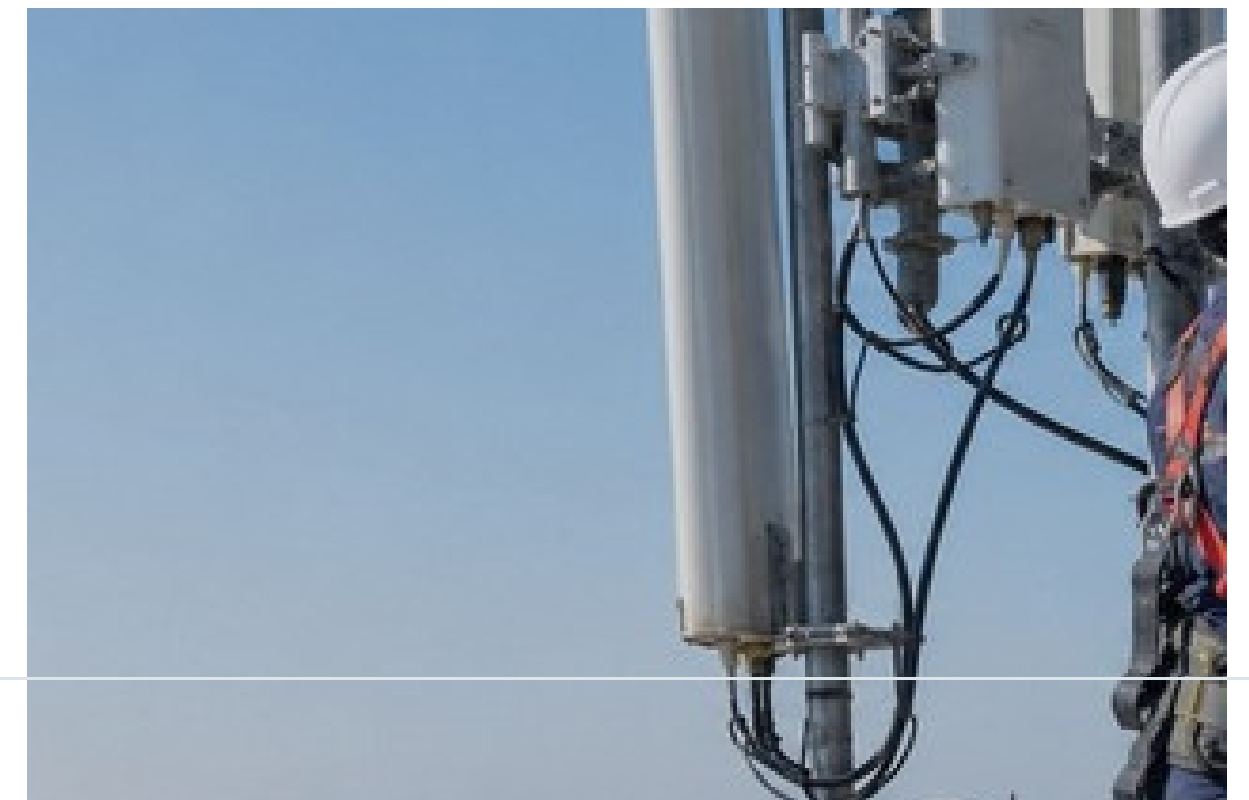
WHAT WE DELIVER

- 1 DAS and IBS survey and design
- 2 Indoor deployment and testing
- 3 Street cell coverage enhancement
- 4 Optimization and handover

Designed for malls, hotels, hospitals, residential towers, roads, business districts and urban hot spots.



Indoor DAS and IBS deployment



Core Services

Dedicated signage and fabrication solutions for power, construction, and facility sector projects.

- Sub Station Permanent Sign Board
- Project Sign Board
- Road Sign (MOT Approved)
- Tower and Cable Identification Sign
- Safety Signs
- Stainless Steel, Aluminum & PVC Acrylic Tags



Substation Permanent Sign Board

Sub Station Sign Boards

Weather-resistant identification boards for substations, clearly displaying voltage class, ownership, and operating area details built to remain legible for the full life of the facility.

WHAT WE DELIVER

- 1 Site survey and sign specification
- 2 Design and voltage/ownership detailing
- 3 Fabrication and weatherproof coating
- 4 Installation and final inspection

Designed for grid substations, transformer yards, switching stations, and utility operating areas.



Project Sign Board

Site Project Signs

Professional project signboards displaying client, contractor, and project details, built to hold up outdoors and stay legible for the full duration of construction.

WHAT WE DELIVER

- 1 Sign layout and detail confirmation
- 2 Design and content formatting
- 3 Fabrication and weatherproof finishing
- 4 Installation and site placement

Designed for construction sites, utility projects, contractor offices, and project handover points.



Road Signs (MOT Approved)

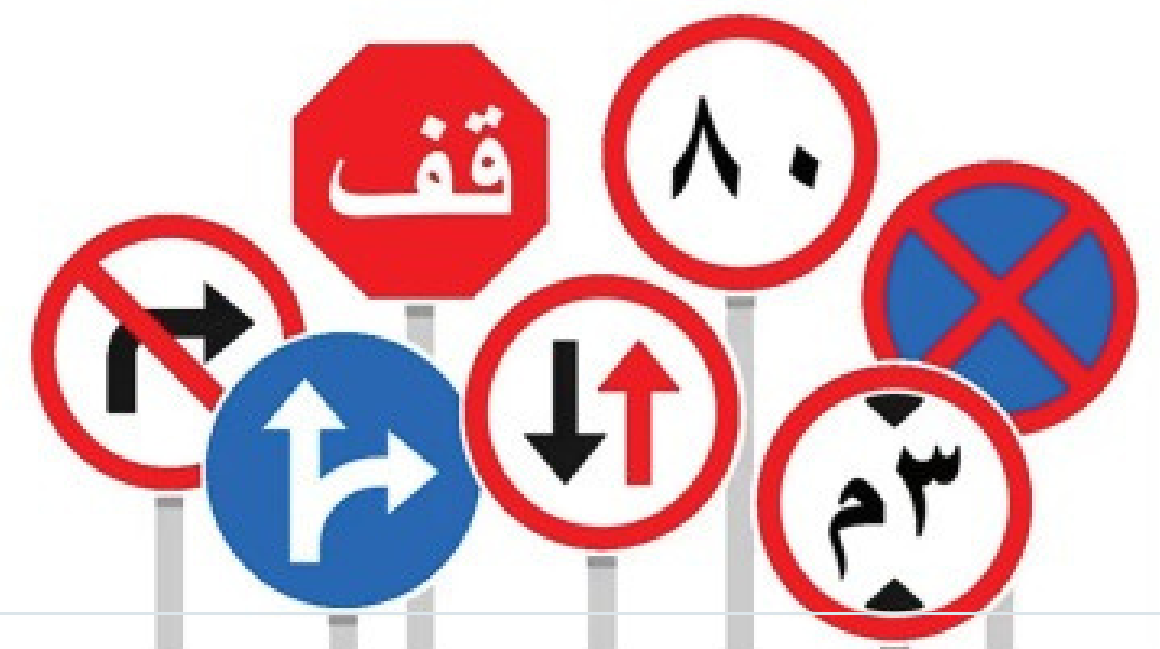
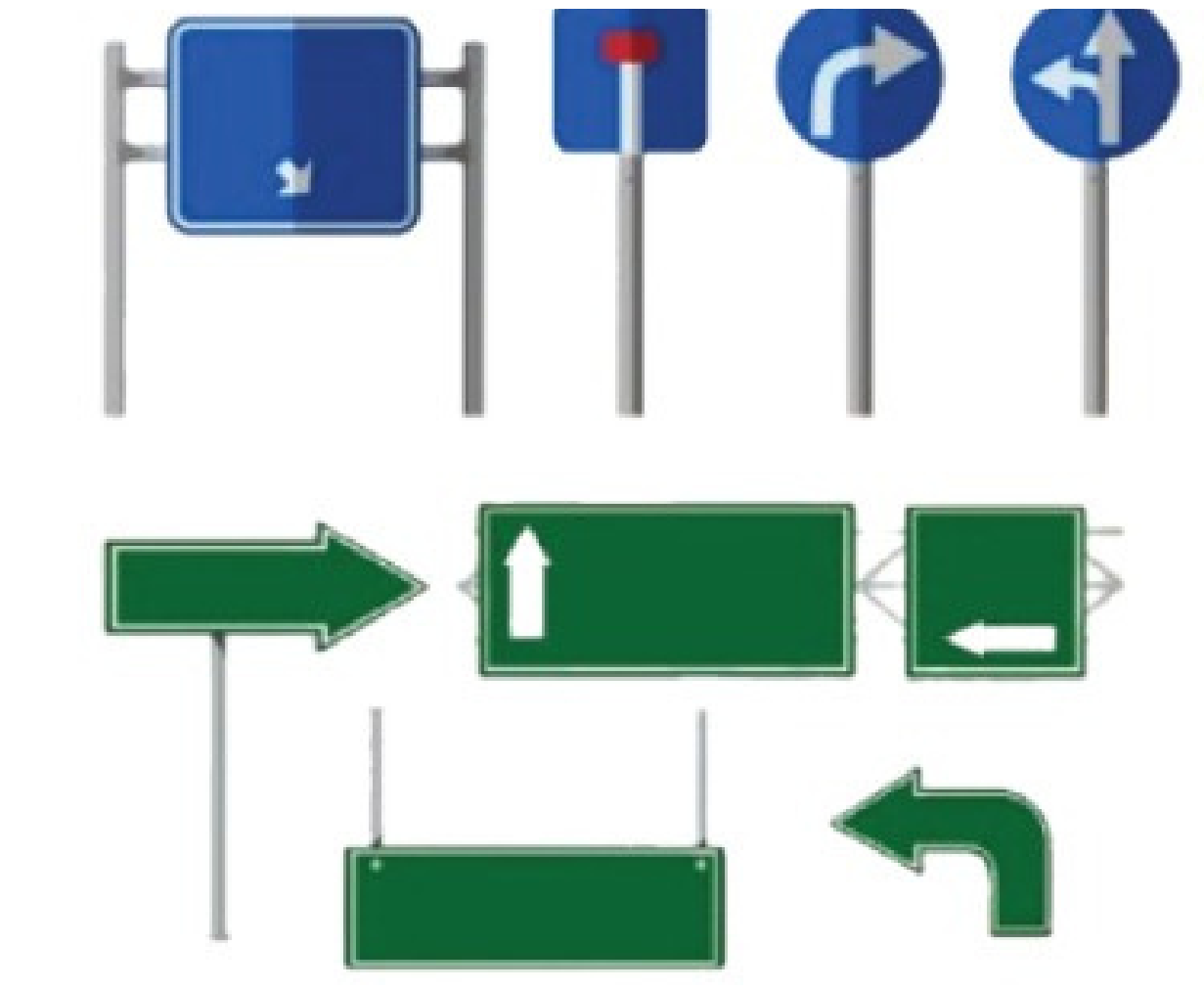
MOT Approved Road Signs

Regulatory, warning, and directional road signs produced to MOT specifications, ensuring full compliance with traffic and municipal safety standards before installation.

WHAT WE DELIVER

- 1 Site survey and sign requirement assessment
- 2 Design as per MOT specifications
- 3 Fabrication and reflective coating
- 4 Installation and municipal approval support

Designed for roadways, construction zones, industrial sites, and public traffic areas.



Tower and Cable Identification Signs

Clear identification signage for high-voltage towers and underground cables, flagging danger zones and cable routing to keep site crews aware and safe.

WHAT WE DELIVER

- 1 Site survey and marking requirement assessment
- 2 Design with voltage and routing details
- 3 Fabrication and weatherproof coating
- 4 Installation on towers and cable routes

Designed for transmission towers, underground cable routes, substations, and high-voltage work zones.



Safety Signs

Instantly recognizable caution, danger, first-aid, and instructional signage designed to support workplace hazard awareness and keep site personnel informed at a glance.

WHAT WE DELIVER

- 1 Hazard assessment and sign requirement review
- 2 Design as per safety standards
- 3 Fabrication and durable coating
- 4 Installation across site locations

Designed for construction sites, substations, industrial facilities, and high-traffic work zones.



Stainless Steel, Aluminum, Pvc Acrylic Tags

Durable equipment tags and nameplates in stainless steel, aluminum, and PVC acrylic, built to stay readable for panel IDs, asset tracking, and cable marking.

WHAT WE DELIVER

- 1 Requirement survey and material selection
- 2 Design and content layout
- 3 Fabrication and engraving
- 4 Installation and labeling on-site

Designed for control panels, switchgear, equipment rooms, and cable/asset identification.

TS3 (FPFM)		
2	86F1-BU INI	1
4	SPARE WIRED	3
6	21-1 AIDED OPTD TO SOE	5
8	LINE VT MCB HEALTHY	7
10	21-1 POR SIGNAL SEND	9
12	67N-1 POR SIGNAL SEND	11
14	21-1 Z1 Z2 OPTD TO SOE	13
16	IT-1 SEND	15
18	A723 CL CMD	17
20	A723 CLS STS	19
22	21 CARRIER POR RECEIVED	21
24	67N CARRIER POR RECEIVED	23
26	21-1 Z3 OPTD TO SOE	25
28	21-1 Z4 OPTD TO SOE	27



Our Other Services

- Temporary Fence & Site Facility
- Civil Work
- Handrail & Stainless Crating Work
- MV Cable Termination
- Office Signs And Door Signs
- Desk Signs Wall And Door Name Plates
- Name Tag And Name Badges
- Medical Office And Hospital Signs
- Laser Printing Iron Aluminum Steel Fiber
- Acrylic Trafolyte Powder Coating
- Chemical Engraving
- Flex Banner Stickers cup Printing Tshirts Print
- Visiting Cards Bill Books Letterpads Stamps



Let's plan your next project

Electrical, construction, facility management, engineering and telecom delivery— with a single accountable partner. Share your scope and we will return a tailored proposal.

CALL US

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