MEP, HVAC and Solar.

One delivery partner.

Engineering, installation, approvals and connection support.



DESIGN / INSTALL / COMMISSION

Explore our systems and project experience

COOLTECH SOLUTIONS

Consistency | Creativity | Commitment

COMPANY OVERVIEW

Engineering that connects your building systems

MEP, HVAC and rooftop solar, coordinated from engineering through handover.



Established in 2009

CoolTech Solutions is a Chennai-based MEP and HVAC contractor serving public-sector facilities, commercial properties, institutions, banks and industrial developments.

A connected delivery model

Our engineers, project managers, supervisors and technicians coordinate with clients, consultants, contractors and vendors to connect design decisions with practical site execution.

Integrated capabilities

Mechanical, electrical, plumbing, HVAC and rooftop solar works, supported by design-build delivery, testing, commissioning, applicable approval coordination and agreed after-sales support.

Explore the profile

Pages 04 to 18 cover core systems. Solar and related MEP services are on pages 19 to 24. Approval and delivery support follow on pages 25 to 27. Project and client references are on pages 28 to 39. Contact us on page 40.

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WHY COOLTECH

One partner across building engineering

Coordinate interfaces early and carry the agreed scope through to operation.

Integrated project scope

Connect power, cooling, water, fire systems, controls and solar with a coordinated delivery plan.

Continuity through delivery

Link engineering, procurement and site supervision with testing, commissioning and completion records.

Experience across sectors

Our portfolio includes TIDEL Park projects and references across government, education, research, healthcare, banking and commercial facilities.

Approval and connection support

Coordinate applicable CEIG submissions, inspections, EB interfaces and connection activities within the agreed package.

Start with clear requirements

Share drawings, a BOQ or a project brief to discuss technical interfaces, programme, maintenance access and the basis for a quotation.

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HVAC SYSTEMS

Central air conditioning and chiller plants

Central cooling for buildings with substantial or shared cooling demand.



How the system works

Chillers produce chilled water that is circulated to cooling coils in AHUs or FCUs. The plant, distribution network and airside equipment are coordinated as one cooling system.

Project scope

Chiller installation, associated pumps, insulated piping, valves, supports, electrical interfaces and controls. Heat rejection equipment and water treatment are included where applicable to the selected arrangement.

What matters to the buyer

Assess peak and part-load demand, operating hours, plantroom space, acoustic limits and maintenance access. Duty and standby arrangements should follow the required continuity of operation.

Typical applications

IT parks, offices, hospitals, campuses and commercial developments.

Delivery and handover

- Cooling-load calculation and selected equipment data
- Water-flow checks, controls and commissioning records
- Operating instructions and agreed handover documents

Request a quotation

Building use; cooling load or area; operating hours; plant location; existing drawings.

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HVAC SYSTEMS

VRF and VRV air conditioning

Flexible zone cooling for spaces with different occupancy and schedules.

How the system works

Variable refrigerant flow systems connect outdoor equipment to multiple indoor units through refrigerant piping. Indoor units serve individual rooms or zones with local or central control.

Project scope

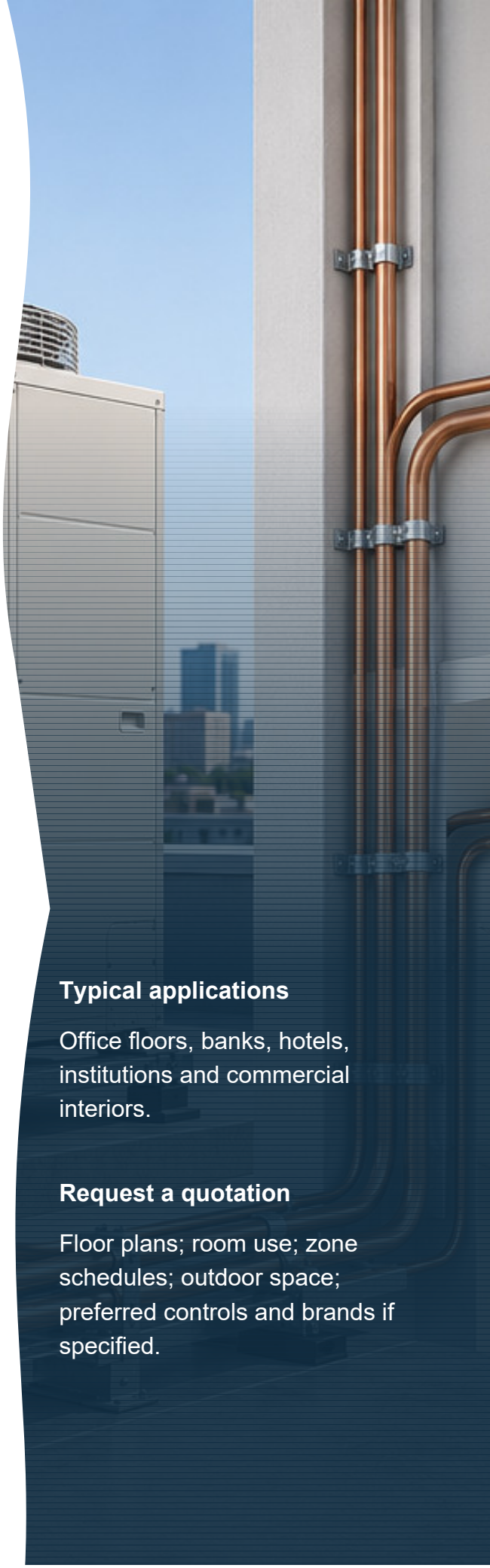
Outdoor and indoor units, approved refrigerant pipe networks, insulation, condensate drainage, supports, power interfaces and control wiring. Fresh-air provision must be coordinated separately within the overall design.

What matters to the buyer

Consider zoning, indoor-unit styles, outdoor-unit ventilation, allowable pipe routes and service access. Selection depends on manufacturer limits, site conditions and the building cooling load.

Delivery and handover

- Coordinated unit layout and pipe routes
- Pressure testing, evacuation and manufacturer start-up procedures
- Zone operation and condensate-drain checks



Typical applications

Office floors, banks, hotels, institutions and commercial interiors.

Request a quotation

Floor plans; room use; zone schedules; outdoor space; preferred controls and brands if specified.

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HVAC SYSTEMS

Air handling units and fan coil units

Distribute conditioned air where occupants and processes need it.



System purpose

AHUs condition and move air through a duct network. FCUs serve local spaces using a fan and coil arrangement. Configuration depends on cooling duty, ventilation requirements and available space.

Project scope

Equipment installation, coil connections, control valves, insulation, condensate drains, ducts, diffusers, access panels and vibration isolation. Filtration and controls follow the approved equipment schedule.

What matters to the buyer

Check airflow, external static pressure, filtration needs, acoustic requirements and ceiling or plantroom access. A serviceable filter and drain arrangement is essential to routine operation.

Typical applications

Commercial floors, institutions, healthcare areas and hospitality spaces.

Delivery and handover

- Equipment schedules and coordinated service access
- Air and water balancing where applicable
- Fan operation, drainage and control-response checks

Request a quotation

Airflow and cooling duty; pressure requirement; filter specification; ceiling height; access constraints.

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HVAC SYSTEMS

Ventilation and pressurization

Plan air movement around the use and safety strategy of the building.



System purpose

Ventilation introduces or extracts air to suit the space. Pressurization systems support the designed pressure relationship between protected areas and adjoining spaces during the required operating condition.

Project scope

Supply and extract fans, ducts, grilles, dampers, supports, power supplies and control interfaces. Smoke-related functions must be coordinated with the approved fire and life-safety design.

What matters to the buyer

Establish airflow duties, pressure losses, discharge positions, noise limits and access. Ensure fans and dampers are selected for the actual duty and the required operating environment.

Typical applications

Basements, toilets, plantrooms, service areas and protected circulation routes.

Delivery and handover

- Approved air routes and fan schedules
- Airflow measurement and control interlock checks
- Access and maintenance provisions

Request a quotation

Room or basement plans; design duties; fire strategy; shaft details; operating and acoustic requirements.

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SPECIALIST HVAC

Clean room and precision cooling

Environmental control planned around the sensitivity of the space.



System purpose

Precision cooling addresses defined equipment or room conditions. Clean-room systems require a coordinated approach to filtration, airflow, pressure relationships and construction details.

Project scope

Application review, equipment selection, air distribution, controls and installation interfaces. Filtration stages, environmental monitoring and standby requirements must be specified for the intended application.

What matters to the buyer

Define temperature and humidity tolerances, internal heat loads, operating hours and recovery needs. Clean-room classification, validation and acceptance methods must be agreed before procurement.

Delivery and handover

- Documented design criteria and equipment selections
- Agreed environmental and functional checks
- Application-specific commissioning and handover scope

Typical applications

Controlled environments, equipment rooms and temperature-sensitive applications.

Request a quotation

Process or equipment loads; environmental tolerances; room classification if required; redundancy expectations.

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ELECTRICAL SYSTEMS

HT intake and switchgear

Coordinate the incoming supply with the building distribution strategy.



System purpose

The HT intake receives and controls the incoming electrical supply before transformation and downstream distribution. Switchgear selection is driven by the utility arrangement and the approved electrical design.

Project scope

HT panels, RMU or RMG equipment, vacuum circuit breakers, cables, termination works and protection interfaces as specified. Equipment layout must allow safe operation, inspection and maintenance. Applicable CEIG approval and EB connection coordination can be included.

What matters to the buyer

Confirm service voltage, fault levels, protection requirements, utility interfaces and room access early. Statutory approvals, utility works and energization responsibilities should be explicitly allocated.

Typical applications

Developments with HT service connections and dedicated substations.

Delivery and handover

- Approved single-line diagram and equipment submissions
- Specified electrical and protection tests
- Coordinated energization and handover records

Request a quotation

Sanctioned demand; supply details; single-line diagram; utility requirements; substation layout.

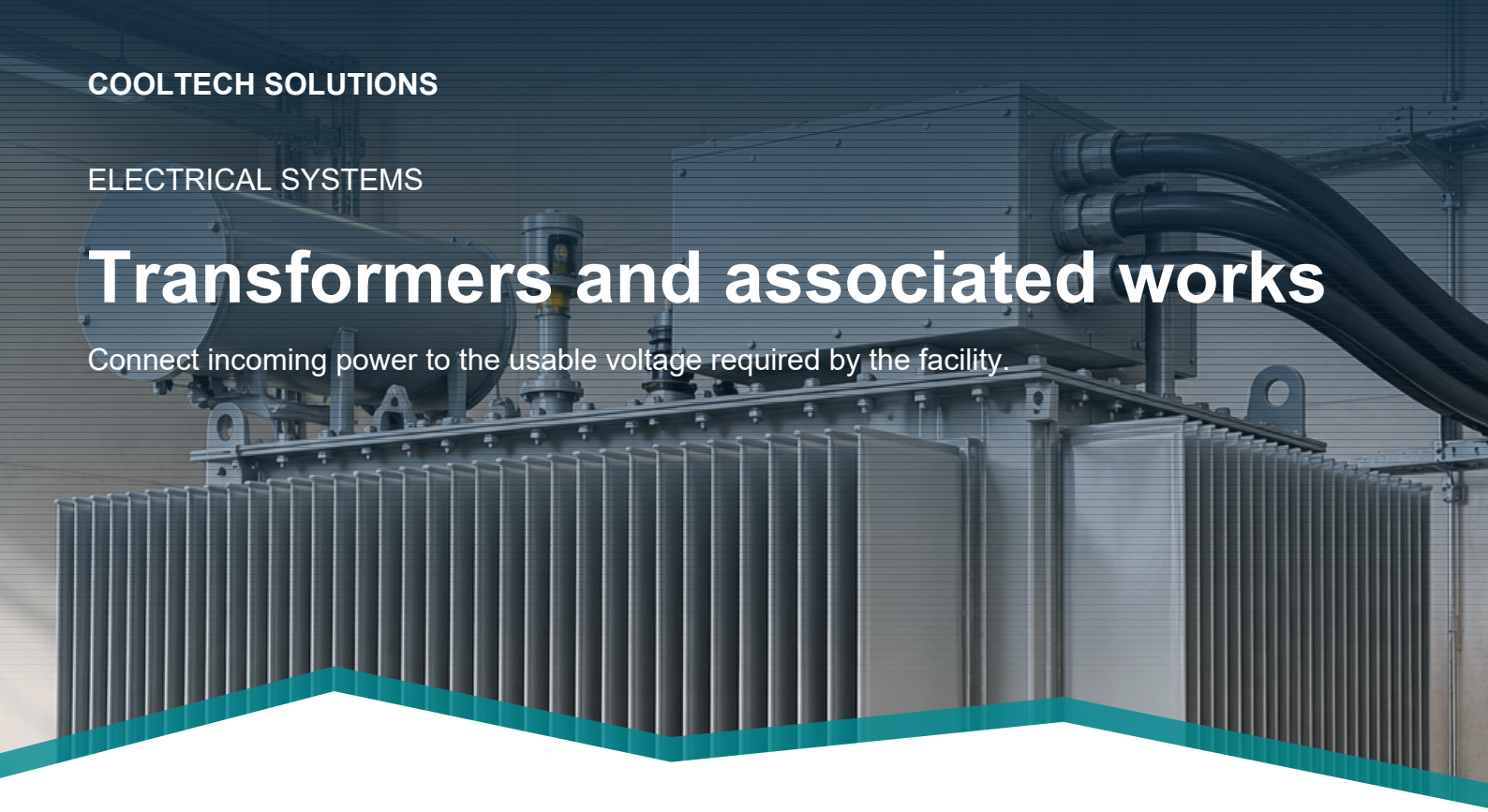
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ELECTRICAL SYSTEMS

Transformers and associated works

Connect incoming power to the usable voltage required by the facility.



System purpose

Transformers supply the building distribution system at the required voltage. Selection considers connected loads, demand, installation conditions and the overall power-distribution arrangement.

Project scope

Transformer installation, foundations and equipment interfaces, HT and LT connections, earthing and associated works. Ventilation, fire protection and containment requirements depend on the specified equipment and location. Applicable CEIG approval and EB connection coordination can be included.

What matters to the buyer

Review capacity, transformer type, losses, acoustic limits, physical access and future expansion. Replacement routes and maintenance space should be considered before finalizing the room or yard layout.

Typical applications

Commercial buildings, IT parks, campuses and institutional developments.

Delivery and handover

- Equipment approval and coordinated layout
- Specified pre-energization checks
- Protection, earthing and connection records

Request a quotation

Load schedule; voltage ratio; transformer specification; site conditions; standby and expansion requirements.

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ELECTRICAL SYSTEMS

LT panels and power distribution

Distribute power through a coordinated and accessible network.



System purpose

Low-voltage panels receive power and distribute it to downstream loads. Bus ducts, rising mains and cables connect floors, equipment rooms and end-use systems within the building.

Project scope

LT panels, distribution boards, bus ducts, rising mains, cable trays, cables, terminations and earthing. Interface requirements cover incoming sources, outgoing loads, metering and control signals. Applicable CEIG approval and EB connection coordination can be included.

What matters to the buyer

Confirm load schedules, diversity assumptions, fault ratings and protection coordination. Reserve capacity, cable routing, panel access and future modifications influence the practical value of the installation.

Delivery and handover

- Panel schedules and approved electrical drawings
- Specified insulation and continuity checks
- Circuit identification and functional verification

Typical applications

Commercial floors, institutions, utility plants and industrial service areas.

Request a quotation

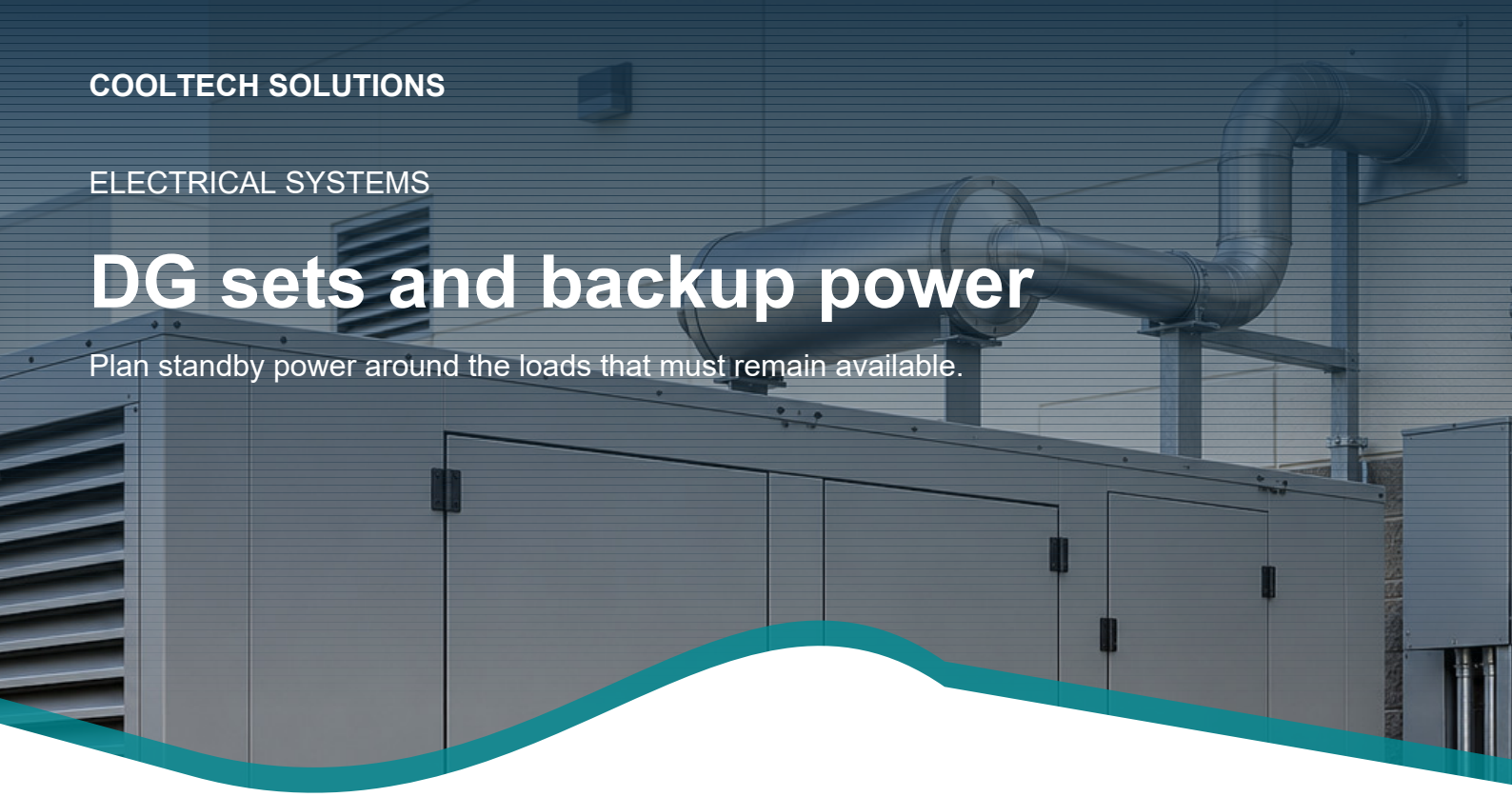
Load list; single-line diagram; panel specifications; route drawings; metering and spare-way requirements.

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ELECTRICAL SYSTEMS

DG sets and backup power

Plan standby power around the loads that must remain available.



System purpose

Diesel generator sets provide an alternative source when the normal supply is unavailable. The electrical scheme determines how essential loads are transferred and operated during an outage.

Project scope

DG-associated installation, foundations and interfaces, power cabling, earthing, exhaust arrangements and control connections. Fuel, acoustic treatment and changeover arrangements are defined in the project specification. CEIG submission, inspection coordination and the final power-connection interfaces can be included.

What matters to the buyer

Determine essential-load demand, starting loads, operating sequence and required autonomy. Coordinate ventilation, exhaust routing, access, environmental requirements and the changeover philosophy before equipment selection.

Typical applications

Banks, institutions, commercial properties and facilities with critical services.

Delivery and handover

- Essential-load and interface coordination
- Agreed start-up and transfer-operation checks
- Operating information and maintenance access

Request a quotation

Essential-load schedule; backup duration; site layout; acoustic constraints; changeover and fuel arrangements.

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ELECTRICAL SYSTEMS

Electrification and lift interfaces

Connect building spaces and specialist equipment to usable electrical services.



System purpose

Internal and external electrification brings power and lighting to the points of use. Lift-related electrical works connect the building supply and interfaces to the specialist lift package.

Project scope

Wiring, containment, lighting, small power, distribution and earthing to the approved drawings. Lift works and associated interfaces are coordinated with the lift vendor and agreed contracting arrangement. Lift electrical interfaces and applicable approval and connection coordination are included in the agreed package.

What matters to the buyer

Review room use, furniture layouts, outdoor conditions, access and emergency requirements. Define lift power, isolation, control and fire-system interfaces clearly to avoid gaps between contractors.

Typical applications

Offices, institutions, public buildings, campuses and commercial fit-outs.

Delivery and handover

- Coordinated point and circuit layouts
- Circuit testing and identification
- Functional checks of agreed equipment interfaces

Request a quotation

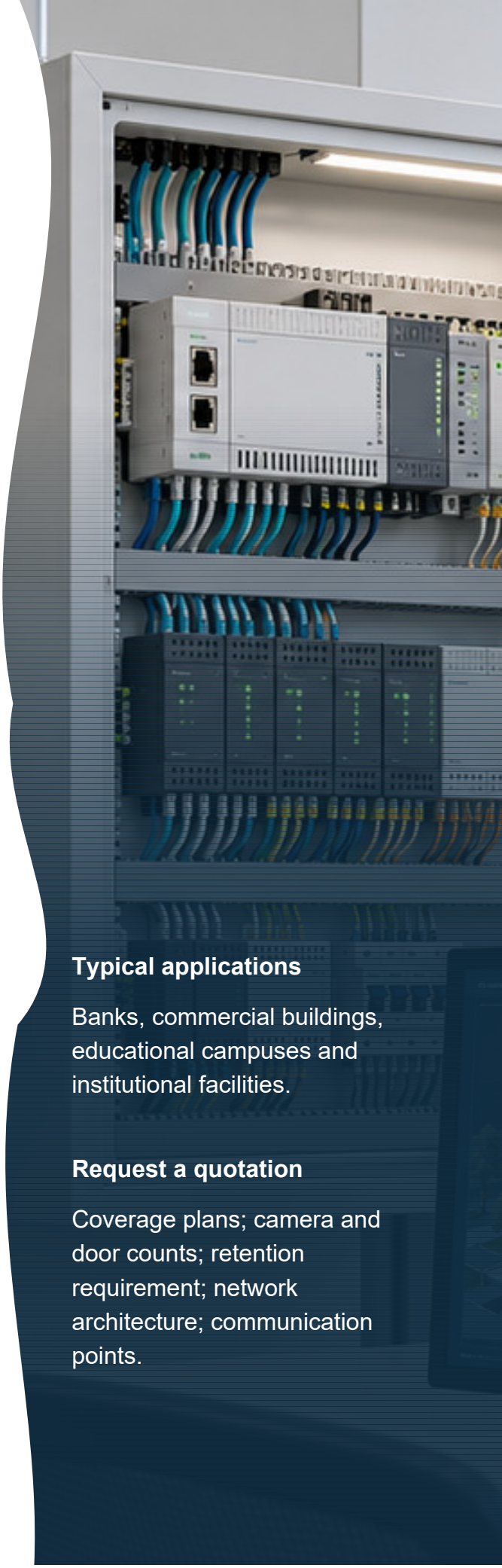
Architectural and lighting plans; point schedules; lift-vendor requirements; external works layout.

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ELV SYSTEMS

CCTV security and communication

Coordinate visibility, controlled access and building communications.



System purpose

CCTV supports monitoring and recording; access control manages entry to designated areas. Structured cabling and intercom or talk-back systems provide communication pathways across the facility.

Project scope

Cameras, recording and network interfaces, access devices, door interfaces, cabling, racks and communication equipment as specified. Endpoints, power arrangements and integration responsibilities should be agreed together.

What matters to the buyer

Define coverage, recording retention, access rules, user roles and network responsibilities. Consider privacy, cybersecurity ownership, maintenance access and future expansion during the design review.

Delivery and handover

- Device locations and cable schedules
- Connectivity and functional checks
- Agreed user access and operational handover

Typical applications

Banks, commercial buildings, educational campuses and institutional facilities.

Request a quotation

Coverage plans; camera and door counts; retention requirement; network architecture; communication points.

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FIRE AND LIFE SAFETY

Fire alarm and fire fighting

Coordinate detection, response interfaces and fire-water systems.



System purpose

Fire alarms detect and signal defined fire conditions. Fire-fighting systems distribute water or other specified media to the equipment required by the approved building fire-safety design.

Project scope

Alarm panels, detection and notification devices, cabling and interlocks; fire pumps, piping, hydrants, hose reels and sprinklers where specified. Scope follows the approved design and authority requirements.

What matters to the buyer

Coordinate equipment locations, water storage, pump arrangements and access with the building design. Agree the cause-and-effect sequence, system interfaces, testing and approval responsibilities before installation.

Typical applications

Commercial, institutional, healthcare and other applicable building occupancies.

Delivery and handover

- Approved layouts and interface matrix
- Specified pressure and functional tests
- Integrated checks and agreed completion records

Request a quotation

Approved fire drawings; occupancy details; water-source information; alarm specification; authority conditions.

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PUBLIC HEALTH SYSTEMS

Plumbing water supply and drainage

Make water delivery and drainage part of a coordinated building plan.



System purpose

Water-supply systems distribute water to the points of use. Drainage systems collect and convey wastewater through planned slopes, vents, access points and discharge connections.

Project scope

Water and drainage pipework, pumps, valves, supports, equipment connections and testing. Fixtures, tanks, hot-water systems and external connections are included where defined in the agreed package.

What matters to the buyer

Establish demand, source conditions, required pressures and drainage discharge points. Service access, isolation, waterproofing interfaces and pipe routing should be coordinated before ceilings and finishes are closed.

Typical applications

Commercial buildings, hospitals, campuses, hospitality and residential facilities.

Delivery and handover

- Coordinated water and drainage layouts
- Specified pressure, leakage and flow checks
- Valve identification and maintenance access

Request a quotation

Fixture schedule; water-source details; storage layout; pressure requirements; drainage and connection levels.

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WATER AND ENVIRONMENTAL SYSTEMS

Sewage treatment and upgrades

Coordinate wastewater treatment with the facility demand and discharge route.



System purpose

Sewage treatment systems process wastewater to a specified discharge or reuse requirement. Capacity and treatment configuration depend on influent conditions, flow patterns and the applicable project criteria.

Project scope

Treatment equipment interfaces, process piping, pumps, electrical connections and controls as specified. Existing-system upgrades start with a review of current condition, loading and operational constraints.

What matters to the buyer

Confirm design flow, influent characteristics, treated-water targets, available space and sludge handling. Reuse connections, operating staffing, consumables and statutory responsibilities should be resolved before ordering.

Typical applications

Campuses, commercial developments and facilities requiring on-site treatment.

Delivery and handover

- Defined process and equipment interface scope
- Agreed start-up and performance-testing plan
- Operating information and handover requirements

Request a quotation

Design flow; wastewater characteristics; target quality; existing plant data; layout and discharge or reuse plan.

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BUILDING AUTOMATION

IBMS and building controls

Bring operating information and control interfaces into one coordinated plan.



System purpose

An integrated building management system connects specified equipment and monitoring points. Operators can view system status, alarms and trends and apply the control functions included in the design.

Project scope

Controllers, field devices, sensors, control panels, communication networks and software interfaces. HVAC, power, water and other systems are integrated only to the extent supported and agreed for each package.

What matters to the buyer

Define the point list, control sequences, communication protocols and alarm priorities. Assign software licensing, network security, remote access and support responsibilities before procurement.

Typical applications

Commercial buildings, IT parks, institutions and multi-system facilities.

Delivery and handover

- Approved point schedule and control narrative
- Point-to-point and sequence testing
- Agreed graphics, access rights and operator familiarization

Request a quotation

Equipment lists; integration protocols; point schedule; control sequences; workstation and network requirements.

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SOLAR WORKS

Rooftop solar PV installation

From roof assessment to a connected solar PV installation.



A coordinated solar package

CoolTech undertakes rooftop solar PV installation and electrical integration. System design considers the available roof, building demand, installation conditions and the required connection arrangement.

Installation scope

PV modules, mounting structures, DC cabling, protection, inverter installation, AC distribution and earthing are coordinated with the building. Roof loading, waterproofing, access and cable routes are reviewed with the project team.

From approval to connection

The agreed scope can include technical submissions, CEIG approval coordination, EB liaison, termination, testing and final connection. Capacity and equipment are selected for the actual site and approved project requirements.

Typical applications

Commercial rooftops, institutions, industrial buildings and other suitable properties.

Delivery and handover

- Approved array and electrical layouts
- Electrical tests and commissioning records
- Agreed operating and maintenance information

Request a quotation

Roof plan; electricity bills; sanctioned demand; site location; supply and roof details.

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SOLAR WORKS

Solar electrical integration

Connect solar generation with the building power-distribution plan.

Plan the connection point

Review the existing single-line diagram, distribution capacity, proposed inverter output and operating arrangement. Define the point of connection and the metering and protection interfaces before installation.

Approval and utility interfaces

Coordinate the documentation, inspection requirements and closure of observations associated with the agreed CEIG and EB scope. Terminations and final connection follow the approved arrangement and utility requirements.

Handover into operation

Check inverter operation, isolators, protective interfaces, earthing, identification and monitoring points. Give the owner the agreed system records, operating information and maintenance requirements.

Delivery and handover

- Coordinated DC and AC distribution interfaces
- Agreed protection and functional checks
- Commissioning and connection documentation



Typical applications

New rooftop PV systems and integration with existing electrical infrastructure.

Request a quotation

Existing electrical drawings; meter details; supply arrangement; PV proposal; connection requirements.

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ELECTRICAL SAFETY

Earthing and protective bonding

Integrate protective earthing with the complete electrical installation.



System purpose

Earthing and protective bonding connect exposed conductive parts to the designed protective system. The installation must be coordinated with the power-distribution design, equipment and site conditions.

Project scope

Earth electrodes, conductors, earth bars, equipment bonds, inspection chambers and identification can form part of the electrical package. Layout and materials follow the approved specification.

Design and verification

Confirm earthing arrangements, test access and the interfaces between utility, transformer, generator, solar and building systems. Testing and recorded results form part of the agreed completion requirements.

Typical applications

Substations, panels, DG installations, solar equipment and building services.

Delivery and handover

- Approved earthing layout and connection details
- Continuity and specified earth tests
- Accessible test points and identification

Request a quotation

Electrical drawings; soil and site information; equipment list; specification and test requirements.

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AFTER SALES AND MAINTENANCE

Maintenance and service support

Keep building services accessible, documented and maintainable.



A practical service plan

Maintenance works begin with the installed systems, their condition and operating needs. Define equipment coverage, access arrangements, service intervals and the responsibilities of the facility team.

Project scope

The agreed package can include inspection, cleaning, routine servicing, replacement coordination and identification of defects. Specialist or manufacturer activities are coordinated where the equipment requires them.

Work around operations

Plan shutdowns and safe access with the client. Maintain service records and communicate observed issues so that owners can prioritize corrective work and avoid unsupported performance assumptions.

Typical applications

Operational HVAC, electrical, plumbing and related MEP installations.

Delivery and handover

- Defined equipment and service coverage
- Agreed service records and observations
- Recommendations for corrective works

Request a quotation

Equipment inventory; maintenance history; operating hours; access and shutdown constraints.

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SYSTEM VERIFICATION

Testing balancing and commissioning

Check the installation against the agreed design and operating requirements.

Prepare the systems

Confirm installation readiness, approved test procedures, access and the equipment interfaces. Establish the acceptance criteria and responsibilities before testing begins.

Verify individual systems

The specified scope can include electrical tests, pressure and leakage tests, water and air balancing, equipment start-up and functional checks. Test methods depend on the equipment and project requirements.

Check the interfaces

Verify agreed sequences between HVAC, electrical, fire, water and controls packages. Record results, resolve observations and provide the agreed completion information for the handover.

Delivery and handover

- Approved testing and commissioning plan
- System and interface test records
- Snag closure and handover documentation



Typical applications

New installations, phased handovers and MEP upgrades.

Request a quotation

Approved designs; equipment data; test requirements; system interfaces; handover programme.

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RETROFIT WORKS

MEP upgrades and system improvements

Plan improvements around the condition and needs of an existing building.



Review before replacing

Understand current loads, equipment condition, system complaints, operating hours and the limits of existing infrastructure. Establish which systems require repair, replacement or reconfiguration.

Coordinate the upgrade

Develop the agreed scope for equipment, distribution, containment, piping, ducts and controls. Consider maintenance access and the interfaces with retained systems and architectural finishes.

Phase the installation

Plan enabling works, shutdowns, temporary arrangements and commissioning with the facility team. Energy and performance outcomes depend on the final design, equipment and operating conditions.

Typical applications

Commercial buildings, institutions, banks and operational facilities.

Delivery and handover

- Condition review and agreed upgrade scope
- Coordinated installation and phasing plan
- Specified tests and updated handover records

Request a quotation

Existing drawings; equipment condition; operating issues; load data; shutdown windows.

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APPROVAL AND CONNECTION SUPPORT

CEIG coordination through EB connection

An organized route from technical submissions to the final connection activities within the agreed project scope.

01 Review

Survey the installation, supply conditions and project requirements.

02 Submit

Coordinate drawings, equipment records and applicable submissions.

03 Inspect

Arrange the agreed inspection and testing interfaces.

04 Close observations

Coordinate corrective work and supporting documentation.

05 Terminate

Complete the agreed EB and equipment termination interfaces.

06 Connect

Coordinate final testing, connection and handover records.

Systems covered

Solar PV, DG and electrical packages can include CEIG approval coordination and EB connection support. Lift packages include applicable approval and electrical interfaces with the lift vendor.

Agree the responsibilities

Define the authority submissions, inspections, testing, utility works, termination points and connection activities at the proposal stage. Requirements depend on the installation and the relevant authority.

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TURNKEY DELIVERY

Design build and coordinated fit-out

Bring engineering, procurement and installation into the programme of the whole building.



Define the complete requirement

Establish building use, MEP and solar needs, budget and target dates. Agree design responsibility, package boundaries and approval interfaces.

Coordinate before execution

Resolve equipment layouts, shafts, ceiling zones, service routes and maintenance access with the architectural and structural teams.

Connect procurement with the site

Translate approved designs into technical submissions, procurement packages and planned work fronts. Coordinate vendor data with installation drawings.

Include finishes where requested

False ceilings, painting and interior fit-out can be coordinated alongside MEP works when included in the contract. Sequence inspection, testing and final finishes together.

Discuss a combined package

Send your brief and drawings to discuss scope, delivery responsibilities, approvals and the project programme.

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PROJECT EXECUTION

A defined route from design to handover

Each stage creates a review point for the client, consultant and site team.



01 Understand

Review the brief, site conditions, drawings, BOQ and specifications. Record scope assumptions and decisions.

02 Engineer and coordinate

Develop the agreed design, calculations, submissions and installation information. Resolve vendor and building interfaces.

03 Procure and install

Coordinate approved equipment, materials, work fronts and resources. Supervise installation and required inspections.

04 Test and connect

Complete specified tests and balancing. Verify interfaces and coordinate applicable inspections, approvals and connection activities.

05 Handover and support

Provide agreed completion records and operating information. Define maintenance and after-sales responsibilities.

Quality and safe execution

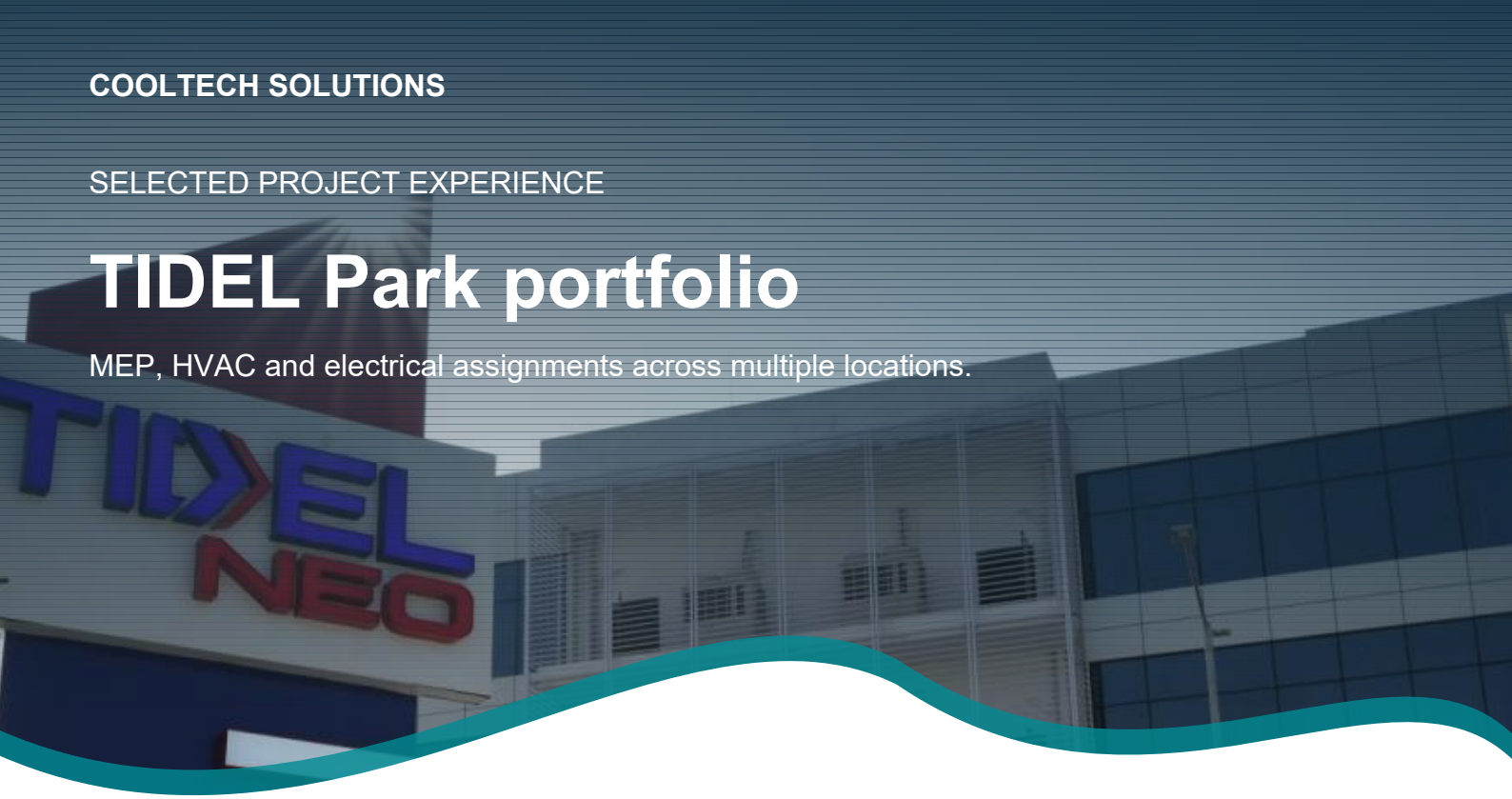
Project specifications, statutory obligations, safe work planning and maintenance access guide coordinated delivery.

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SELECTED PROJECT EXPERIENCE

TIDEL Park portfolio

MEP, HVAC and electrical assignments across multiple locations.



TIDEL PARK LOCATION	SCOPE	INR CRORE
Neo Salem	Complete MEP and HVAC	9.00
Neo Thanjavur	MEP and HVAC	2.50
Neo Tiruppur	HVAC engineering	2.40
Neo Karaikudi	Complete MEP and HVAC	9.30
Neo Villupuram	HVAC engineering	2.80
Neo Tiruvannamalai	MEP works	11.20
Trichy	Electrical works	28.39

Project scopes and values shown as recorded in our portfolio. Values are in INR crore.

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Banking relationships

Banking clients from our portfolio, paired with branch-service priorities.

State Bank of India

CUSTOMER COMFORT

Welcoming banking halls depend on comfortable temperatures, balanced airflow and well-lit counters. Equipment placement should preserve clear customer movement.

Canara Bank

BUSINESS CONTINUITY

Branch improvements need a practical work sequence. Agreed shutdown windows and safe segregation help keep installation activities aligned with daily operations.

Indian Bank

BRANCH MODERNISATION

Changing layouts introduce new service demands. Review cooling zones, counter power and cable routes together before finishes and furniture are finalized.

Banking client references

Banking portfolio identities with key electrical and equipment considerations.

Bank of Baroda

ELECTRICAL DISTRIBUTION

Clear circuit identification and accessible panels support branch operations. Plan load allocation, protection and testing around the equipment to be connected.

Bank of India

SPECIALIST EQUIPMENT INTERFACES

ATM, UPS and IT installations involve several parties. Define supply points, earthing interfaces and vendor responsibilities early to support an orderly handover.

Indian Overseas Bank

INDOOR AIR AND VENTILATION

Fresh-air provision and heat removal deserve attention in enclosed premises. Review occupancy, equipment heat and exhaust paths when defining the system.

SELECTED CLIENT REFERENCES

Financial sector experience

Financial-sector references with a focus on installation and handover.

Union Bank of India

SPACE AND SERVICE COORDINATION

A coordinated ceiling brings ducts, lights, detectors and access panels together. Resolve these positions before installation to reduce site conflicts.

Karur Vysya Bank

MAINTENANCE ACCESS

Serviceable equipment helps a facility team work efficiently. Allow room for filter cleaning, panel inspection and component replacement in compact branches.

J&K Bank

COMPLETION AND HANDOVER

A clear close-out supports the operating team. Bring test records, equipment information and maintenance instructions together for the agreed systems.

SELECTED CLIENT REFERENCES

Education and research

Institutional clients from our portfolio, alongside relevant campus-service priorities.

Indian Institute of Technology Madras

IIT MADRAS / CHENNAI

Teaching and research spaces can have different operating demands. Coordinate room-level utilities and service routes with the equipment and activities they support.

National Institute of Technology Tiruchirappalli

NIT TRICHY

Lecture halls, departments and shared campus facilities have varied occupancy patterns. Plan service zoning and work schedules around academic use.

National Institute of Fashion Technology

NIFT / CHENNAI

Design studios and classrooms benefit from comfortable working conditions and useful task lighting. Coordinate service positions with studio layouts and changing teaching needs.

SELECTED CLIENT REFERENCES

Healthcare and technical institutions

Healthcare and technical clients, with distinct facility-service considerations.

JIPMER

PUDUCHERRY

Healthcare and medical education require careful planning of access, work areas and service interruptions. Align execution with the facility team and agreed operational controls.

National Institute of Ocean Technology

NIOT / CHENNAI

Technical research facilities need clearly defined utility interfaces. Review equipment loads, environmental requirements and specialist connections with the project team.

National Institute of Technical Teachers Training and Research

NITTTR / CHENNAI

Training rooms and demonstration spaces need adaptable service layouts. Position power outlets and ventilation around teaching equipment while retaining safe circulation.

SELECTED CLIENT REFERENCES

Public and campus infrastructure

Education, public-sector and commercial clients with different delivery priorities.

IIITDM Kancheepuram

CHENNAI

Design and manufacturing education combines classrooms with practical workspaces. Match service provision to room use, equipment access and future layout changes.

Central Public Works Department

CPWD

Public works depend on disciplined delivery against approved requirements. Track drawings, material submissions, inspections and completion documents through each stage.

TIDEL Park

COMMERCIAL AND IT INFRASTRUCTURE

MEP, HVAC and electrical assignments span several TIDEL Park locations. The preceding project schedule records the individual locations, packages and contract values.

SELECTED CLIENT REFERENCES

Hospital client assignments

Healthcare project experience at two additional Chennai locations.

Aravind Eye Hospital

POONAMALLEE / CHENNAI

Our healthcare portfolio includes completed work for Aravind Eye Hospital at Poonamallee.

Amrit Hospital

PURASAIWAKKAM / CHENNAI

Completed assignments for Amrit Hospital at Purasaiwakkam add to our experience serving hospital facilities.

SELECTED CLIENT REFERENCES

Hospitality client assignments

Hotel assignments across Chennai and refurbishment work in Coimbatore.

Viruthunagar Hotel

T NAGAR AND VADAPALANI / CHENNAI

Our hospitality client work includes Viruthunagar Hotel at both T Nagar and Vadapalani.

Southern Comfort Hotel

MEENAMBAKKAM / CHENNAI

Southern Comfort Hotel at Meenambakkam is a further completed hotel assignment in our hospitality portfolio.

Residency Hotel

T NAGAR, CHENNAI / COIMBATORE

We have carried out refurbishment and revamp work for Residency Hotel at T Nagar and Coimbatore, extending our experience to improvements in existing hotel properties.

RESIDENTIAL AND COMMUNITY FACILITIES

Appaswamy Real Estate

Several HVAC and ventilation assignments across different properties.

HVAC across multiple locations

Our work for Appaswamy includes HVAC assignments across several buildings and locations, adding depth to our experience with property developments.

Clubhouse HVAC and ventilation

We have delivered HVAC and ventilation works for clubhouses at Appaswamy properties, supporting the services used in these shared community spaces.

Basement ventilation

Basement ventilation forms a further part of our Appaswamy work. These assignments broaden our portfolio from occupied amenity areas to below-ground building services.

Building HVAC. Clubhouse services. Basement ventilation.

FURTHER PORTFOLIO REFERENCES

A broad base of building-services experience

Public sector

Income Tax Department; Indian Coast Guard.

Commercial property

Fortune Tower Chennai.

Hospitality

Blue Ivy Hotel.

Technical and other organizations

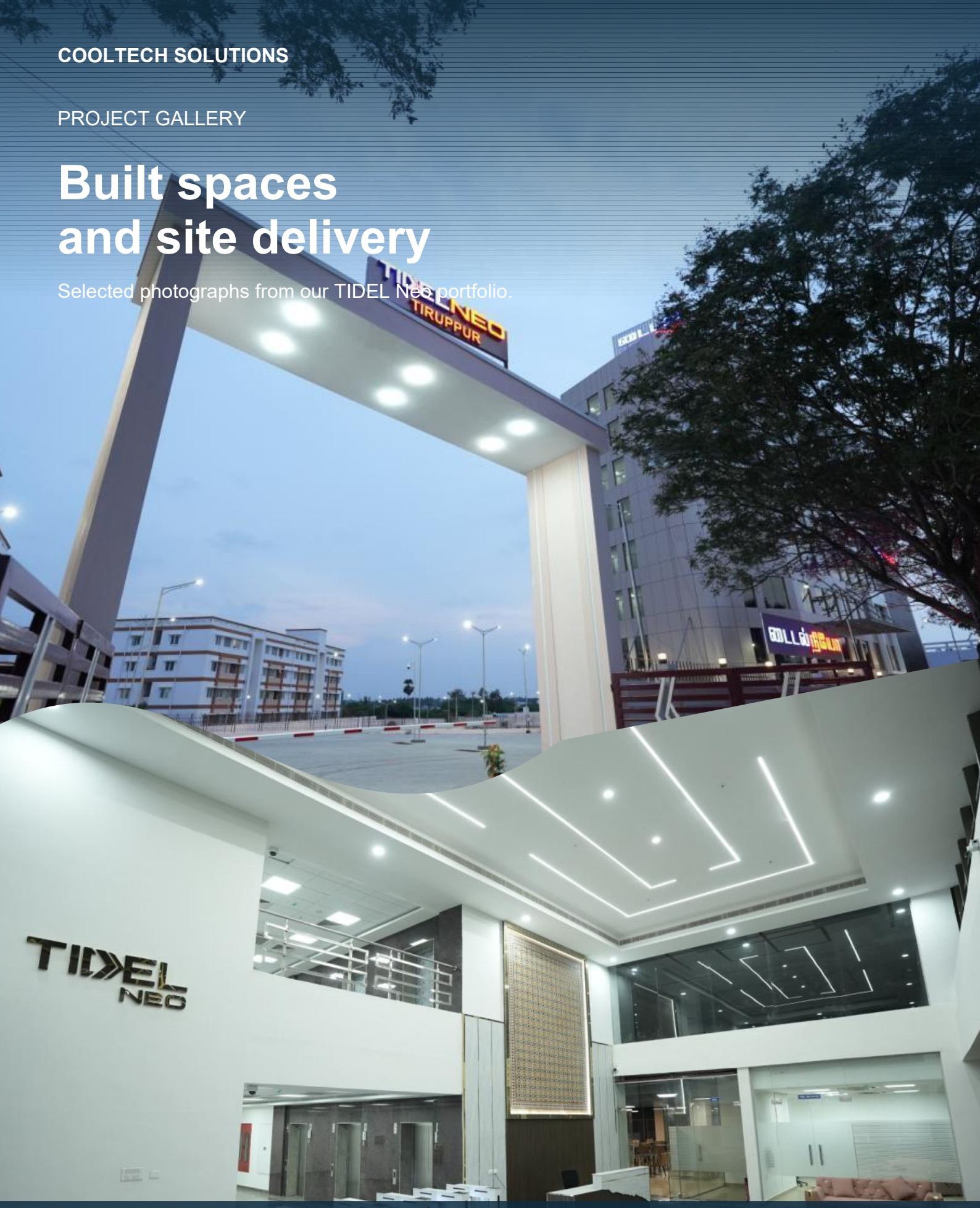
CIPET; National Insurance Corporation.

Bring us your drawings, BOQ or facility brief. We can review the required systems and discuss the delivery approach that fits your project.

PROJECT GALLERY

Built spaces and site delivery

Selected photographs from our TIDEL Neo portfolio.



TIDEL Neo site entrance and interior

CONTACT AND ENQUIRY

Tell us what you are planning

Share your BOQ, drawings or project brief for a focused discussion.



Contact CoolTech Solutions

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+91 98411 34530

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Chennai, Tamil Nadu, India

For a useful first discussion

Include the site location, building type, area, required systems, project stage and target schedule. For solar, add roof details, electricity bills and supply information.

From enquiry to a defined scope

Review technical scope, approvals, system interfaces and connection requirements. Agree the basis for the proposal, programme, commissioning and handover.

“Every connection should serve your ambition.
We bring power, comfort and coordination to the spaces you are building.”

“Your next project begins with a conversation.
Let us turn your requirements into a coordinated plan for delivery.”