



TRICON ENGINEERING SERVICE

SINGLE-SOURCE HVAC & MEP CONTRACTOR

Company

Profile

Engineering Comfort, Delivering Excellence.

CONTRACTOR

SUPPLY

INSTALLATION

TESTING & COMMISSIONING

24/7 AFTER-SALES

CALL

+92 42 3629 7777

HEAD OFFICE

Shimla Tower, Davis Road, Lahore

WEB

tricon.sparksgate.com

— WHO WE ARE

A single, accountable HVAC & MEP partner

Tricon Engineering Service is a specialist HVAC & MEP contractor delivering turnkey mechanical, electrical, plumbing, and firefighting works for commercial, government, and industrial clients across Pakistan. From the first consultation through supply, installation, testing & commissioning, and long-term operations & maintenance, we self-deliver every trade as a single accountable contractor – and back it with service our clients can depend on, long after handover.

Headquartered in Lahore and operating nationwide, our teams pair correct engineering fundamentals – accurate load sizing, code-compliant installation, and disciplined project management – with a genuine commitment to 24/7 after-sales support. The result is infrastructure that stays comfortable, compliant, and energy-efficient, year after year.

24/7

AFTER-SALES
SUPPORT

Turnkey

HVAC & MEP

840 TR

LARGEST PLANT
DELIVERED

Nationwide

SERVICE COVERAGE

Single-source responsibility

One team is accountable for outcomes – not a chain of subcontractors passing risk along. We own the full scope from concept to commissioning and beyond, so our clients have one partner to hold responsible for performance, schedule, and lifecycle support.

What we deliver: comfort cooling and central chilled-water plant, air handling and ventilation, indoor air quality, standby and prime power, firefighting, plumbing, electrical, and building management & controls – every MEP trade self-delivered by one contractor, supported by scheduled maintenance and rapid-response service.

Engineering comfort for institutional facilities

Central chilled-water plant, MEP & controls delivered for government buildings across Lahore.

— VISION & MISSION

Dependable infrastructure, engineered right the first time

OUR VISION

To be the HVAC & MEP partner clients trust for the full life of a building – a single, accountable team for every mechanical, electrical, and plumbing system they rely on.

OUR MISSION

To engineer HVAC & MEP systems correctly the first time – installed to code, optimized for lifecycle energy cost, and supported for as long as they are in service – so our clients never have to manage a chain of subcontractors passing risk along.

How we work

Correctly specified

Accurate load calculations and correct equipment selection, sized to real operating conditions – not rules of thumb.

Installed to code

Disciplined installation practice and documented testing & commissioning against specification.

Efficient for life

Systems engineered to reduce lifecycle energy cost without compromising comfort or reliability.

Supported always

A dedicated service desk and rapid-response technicians keep critical systems running 24/7.

— OUR SERVICES

Complete HVAC & MEP scope, one engineering team

Systems we supply, install, and maintain across every sector we serve.

01 Commercial HVAC

Zoned comfort-cooling for offices, retail, and mixed-use buildings.

- **VRV / VRF Systems** – zoned control, long piping runs
- **Ducted Split Systems** – concealed, clean ceiling lines
- **Rooftop Packaged Units** – fast, factory-assembled
- Individual zone control with central monitoring

02 Applied / Central Systems

Large-scale central plant for continuous, high-demand cooling.

- **Air-Cooled Chillers** – 50-1,500 TR
- **Air Handling Units** – custom & packaged
- **Cooling Towers** – sized to plant load
- **Water-Cooled Chillers** – 100-2,000+ TR
- **Fan Coil Units** – room-level control
- **Precision / CRAC** – data centers & server rooms

03 Residential & Light Commercial

Efficient comfort cooling for homes, apartments, and small commercial units.

- **Split & Multi-Split** – independent room control
- **Cassette Units** – ceiling-recessed airflow
- **Inverter Systems** – variable-speed, low energy
- **Floor-Standing Units** – high airflow, no false ceiling

Beyond cooling – power, air quality & controls

04 Air Filtration & Indoor Air Quality

Air quality systems that protect occupant health and equipment performance.

- **Panel Filters** – primary / pre-filtration
- **HEPA Filters** – 99.97%+, cleanrooms & healthcare
- **Bag Filters** – finer particulate capture
- **Fresh-Air & HRV** – demand-controlled ventilation

05 Energy & Power

Standby and primary power infrastructure to keep critical systems running.

- **Diesel Generators** – 9-3,000 KVA
- **LT / HT Panels** – custom distribution & metering
- **Switchgear** – LT & HT integration and testing
- Backup and prime-power configurations

06 Electrical, Plumbing, Firefighting & ELV

End-to-end electrical, plumbing, firefighting & extra-low-voltage works with controls and maintenance.

- **Firefighting Systems** – detection & suppression
- **Plumbing Works** – supply, drainage & pumping
- **Building Management Systems** – centralized control
- **Electrical Works** – LT/HT distribution & lighting
- **Extra-Low Voltage (ELV)** – fire alarm, CCTV & data
- **Testing, Commissioning & O&M** – 24/7 support

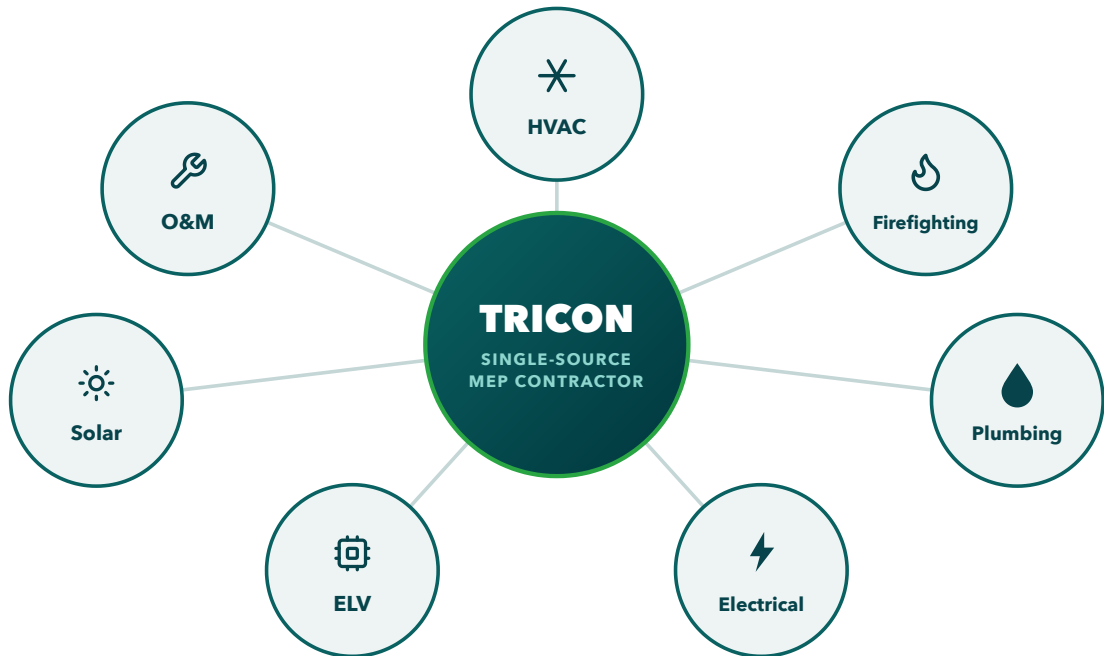
One accountable team, full lifecycle

Consultation → Supply → Installation → Testing & Commissioning → Operations & Maintenance.
Every stage delivered and owned in-house.

— OUR SCOPE

One contractor for the full MEP scope

As a single-source MEP contractor, we self-deliver every trade – HVAC, firefighting, electrical, plumbing, ELV, and solar – so risk is never handed between subcontractors.



Chillers 50 - 2,000+ TR

Generators 9 - 3,000 KVA

Filtration to HEPA 99.97%

VRV / VRF Multi-Zone

ELV & BMS Integration

Solar PV Systems

24/7 O&M

— PRODUCTS WE SUPPLY



HVAC Products



Electrical Products



Fire & Safety Products



Automation Products

— SELECTED PROJECTS

Delivered HVAC infrastructure

A selection of central-plant and comfort-cooling projects delivered for government and commercial clients in Lahore.



GOVERNMENT

Old P&D Building

Lahore · Central Chilled-Water Plant

Water-Cooled Screw Chiller Complete HVAC

840^{TR}
COOLING CAPACITY



GOVERNMENT

600^{TR}

Punjab Energy Department

Lahore · Net-Zero Building

Air-Cooled Chiller Complete HVAC



GOVERNMENT

403^{TR}

Punjab Revenue Authority HQ

Lahore · Zoned VRF Cooling

VRF System Complete HVAC



COMMERCIAL

Penta Square Energy Center

Lahore · Commercial High-Rise

HVAC & MEP

1,843+ TR
COMBINED COOLING

Turnkey
SUPPLY TO HANDOVER

24/7
AFTER-SALES O&M

— FIRE SAFETY

Firefighting projects

The same landmark facilities – delivered with complete firefighting systems: detection, alarm, hydrant, and suppression.



FIREFIGHTING

Old P&D Building
Lahore · Government

Fire Detection & Alarm Sprinkler & Hydrant



FIREFIGHTING

Punjab Energy Department
Lahore · Net-Zero Building

Fire Detection & Alarm Suppression System



FIREFIGHTING

Punjab Revenue Authority HQ
Lahore · Government

Fire Alarm & Hydrant Sprinkler System



FIREFIGHTING

Penta Square Energy Center
Lahore · Commercial

Fire Detection & Alarm Sprinkler & Hydrant

Firefighting works in every scope

Fire detection & alarm, sprinkler & hydrant networks, and suppression – installed, tested, and commissioned to code alongside our HVAC & MEP delivery.

— WHY TRICON

Why clients choose us

■ **Turnkey Single-Source Responsibility**

From supply through installation, testing & commissioning, one accountable team delivers the full HVAC & MEP scope.

■ **Factory-Trained Engineers**

Technical staff trained on the systems we install – ensuring correct sizing, installation practice, and long-term reliability.

■ **24/7 After-Sales Support**

A dedicated service desk and rapid-response technicians keep critical systems running around the clock.

■ **Genuine Spare Parts**

Original, manufacturer-approved parts protect equipment warranties and long-term performance.

■ **Energy-Efficient Systems**

Systems engineered to reduce lifecycle energy cost without compromising comfort or reliability.

■ **On-Time Delivery**

Disciplined project planning and site management keep installations on schedule and within scope.

— SECTORS WE SERVE

Commercial

Corporate

Healthcare

Government

Hospitality

Education

Industrial

— HOW WE DELIVER

A disciplined, six-stage delivery process

One accountable team owns every stage – no risk handed off between subcontractors.

1

Consultation

We understand your space, existing systems, loads, and operational requirements.

2

Engineering & Planning

Load calculations, system selection, and a tailored HVAC & MEP proposal.

3

Supply & Procurement

Sourcing of equipment and genuine, manufacturer-approved components.

4

Installation

Code-compliant installation under disciplined on-site project management.

5

Testing & Commissioning

Performance verified against specification, with documented handover.

6

O&M / After-Sales

Preventive maintenance contracts and 24/7 emergency call-out support.

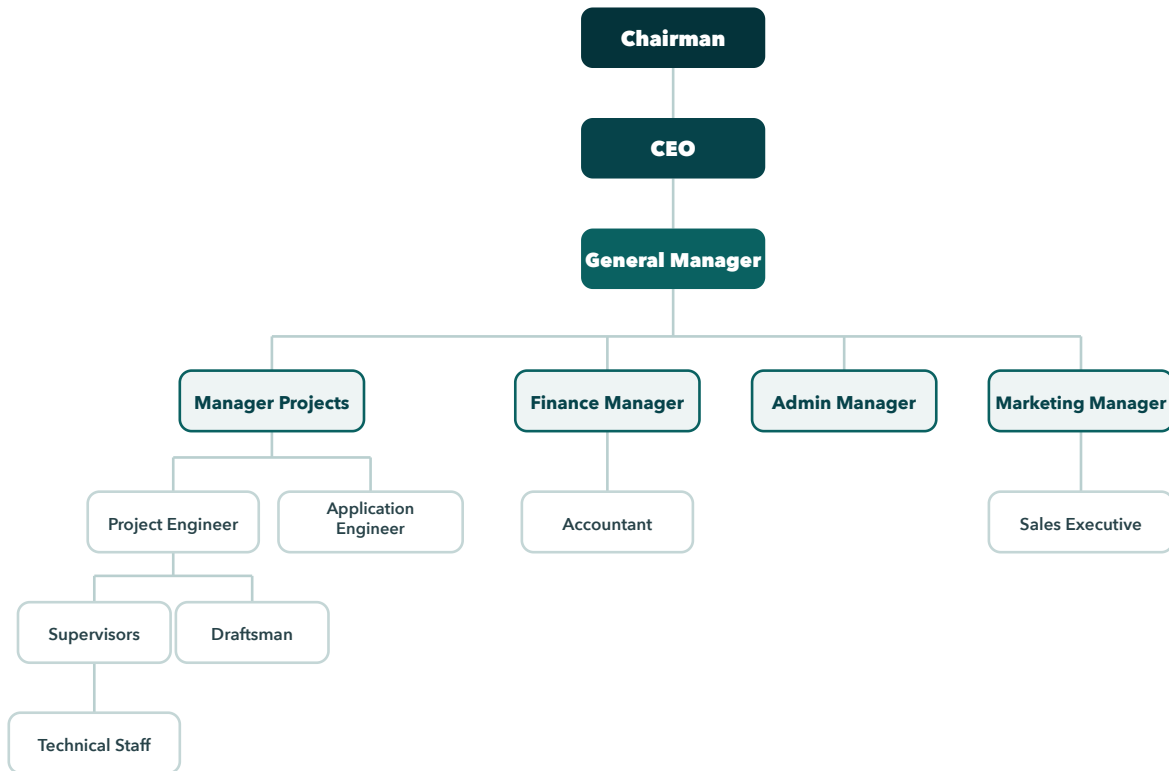
A tailored proposal for every project

Every engagement starts with understanding your requirements. Our engineers assess your space and systems, then return a tailored HVAC & MEP proposal – from supply through installation and long-term support.

— ORGANIZATION

Our organizational structure

A clear chain of accountability – from the board through project delivery, technical, and support functions.



— GET IN TOUCH

Let's engineer your comfort.

Talk to our engineers about a tailored HVAC & MEP proposal – from supply through installation and 24/7 after-sales support.

CALL

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WEBSITE

tricon.sparksgate.com

HEAD OFFICE

Office T-14, 3rd Floor, Shimla Tower, Davis Road,
near Shimla Pahari, Lahore, Pakistan.

SERVICE COVERAGE

Islamabad

Lahore

Karachi

Nationwide

TRICON ENGINEERING SERVICE

Engineering Comfort, Delivering Excellence.

