



AN Engineering Consultants
(Private) Limited

Company Profile · 2026

Engineering the systems behind every building.

Mechanical, Electrical & Plumbing Consultation Engineers: design, planning and supervision of mechanical, electrical and plumbing systems, to local and international standards.

Registered

Pakistan Engineering Council ·
Consult/2419

Based in

Islamabad, Pakistan

Contact

+92 332 5107371 ·
support@anconsultants.tech

Who we are

A consultancy built on standards, not shortcuts.

AN Engineering Consultants (Private) Limited is a Pakistan Engineering Council registered consulting engineering practice. With over 12 years of experience, we design, plan and supervise mechanical, electrical and plumbing works for infrastructure and buildings across Pakistan, from satellite-town power networks to hospitals, malls and campuses.

12+ Years in practice	42 Projects on record	6 Sectors served	23 Clients
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Philosophy

We believe in creating value not just for our clients but for the communities we serve — prioritizing sustainability, innovation and efficiency at every turn.



Our Vision

To deliver excellent, value-added professional services that let our clients excel — creating win-win environments by solving their engineering problems.



Our Mission

Efficient, cost-effective design solutions that meet client needs and MEP design limitations, while adhering to local and international standards.



Our approach

The senior engineers who design a scheme also supervise it on site, so nothing is lost in a hand-off, and every design is checked against the codes it must meet before it leaves the office.

Six values behind every drawing we issue.

01

Excellence

We create value not just for our clients but for the communities we serve, at every turn.

02

Integrity

Delivering value-added services that create win-win environments for every client and partner.

03

Efficacy

Cost-effective design that respects MEP limitations, client requirements and code compliance alike.

04

Accountability

Projects contribute positively to society — not just to the client's bottom line.

05

Professionalism

Solving engineering problems the way a committed partner would, not just a vendor.

06

Innovation

Always exploring new methods, technologies and ideas to elevate what we deliver.

Codes & standards

Designed to the codes your project is judged by.

BS

NEC

NFPA

ISO

IEC

ASHRAE

Full-scope MEP engineering, under one roof.

01 Electrical Services

Design & planning

Our electrical solutions are founded on extensive industry experience and a commitment to innovation. From intricate electrical infrastructures to optimized lighting systems, our team guarantees every project meets top safety, reliability and performance standards.

- Power Systems
- Facade Lighting
- Transmission Lines
- Lighting Systems
- Electrical Distribution Networks

02 Mechanical Services

Design & planning

A comprehensive suite of mechanical services — designing and installing HVAC systems, industrial machinery and beyond, optimizing the efficiency and reliability of your mechanical systems.

- Medical Gases
- Industrial Utilities
- Instrumentation & Control
- Building Management System
- Oil Storage System & Distribution

03 Plumbing Services

Design & planning

Premium plumbing solutions tailored to your needs — from pipe design to advanced water treatment systems, with an emphasis on efficiency and sustainability.

- Water Supply System
- Gas Distribution
- Water Treatment Plants
- Drainage System
- Sewerage Systems

04 HVAC Services

Design & planning

HVAC stands as a pillar of our portfolio — systems that deliver superior indoor comfort and air purity, with energy-efficient solutions that keep your environment at its peak.

- Central HVAC Systems
- Clean Room A/C
- Computer Room Air Conditioning
- Ventilation System

05 Energy Audit

Energy audit & savings report

We measure where a building's energy goes (HVAC, lighting and power) and set out practical savings, with the cost and payback of each.

- Energy Consumption Analysis
- HVAC Efficiency
- Lighting Assessment
- Savings & Payback Report

06 MEP Audit

Design & installation audit

An independent check of MEP designs and installed works against the drawings, specifications and codes, before handover.

- Design Review
- Site Inspection
- Code Compliance
- Pre-handover Checks

07 Horticulture

Landscape planning & upkeep

Planning, planting and upkeep of landscaped and green areas across residential, commercial and institutional sites.

- Landscape Planning
- Planting
- Irrigation
- Maintenance

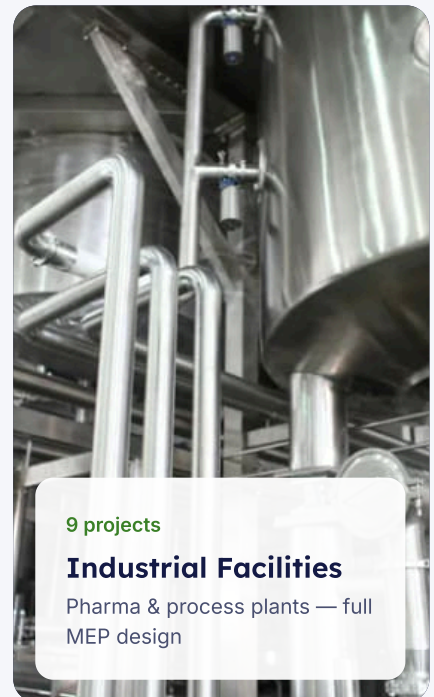
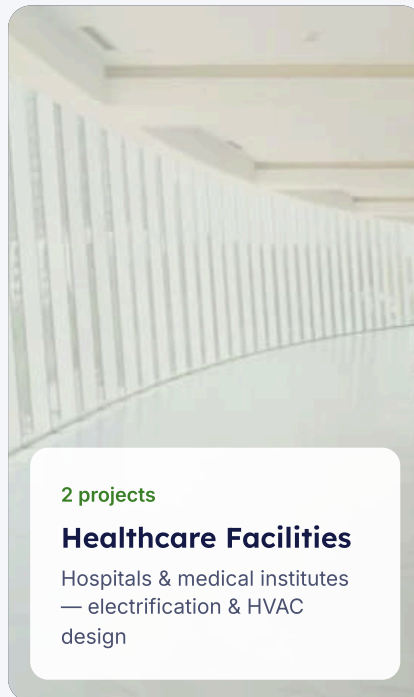
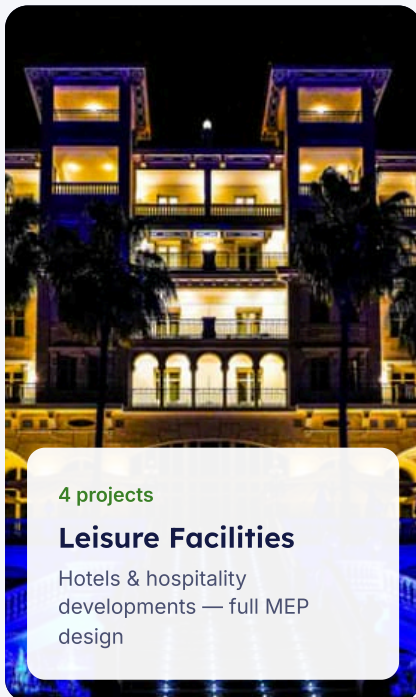
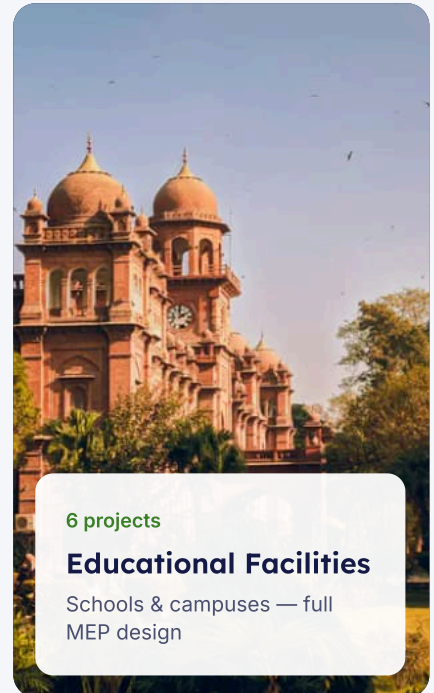
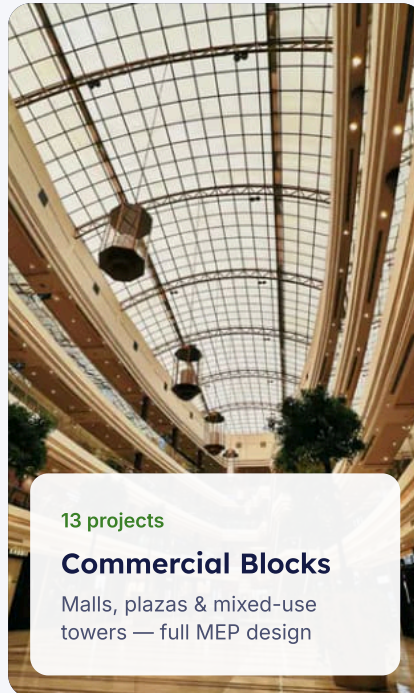
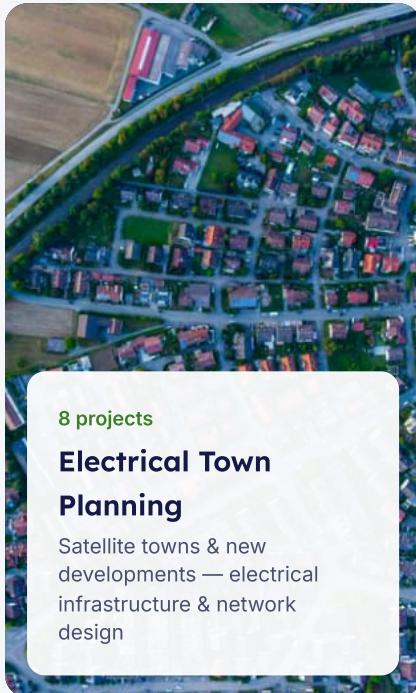
Also delivered

- Water Supply Scheme Design
- Building Structure Design
- Fire Suppression
- Hydrology & Hydraulic Studies
- Fire Fighting System Design
- Integrated Building Automated Systems
- Sustainable Energy
- Hazardous Area

Sectors

42 projects across 6 sectors.

From town-wide power networks to single buildings, our work spans the sectors below. The full project register follows.



Selected work

A closer look at projects on site.



Satellite Town Thotta

Electrical infrastructure planning & town network design



Mall of Islamabad — MOI-2, F-10 Markaz

Full MEP design



Mall of Wah — MOW

Full MEP design



IBC Building, Mumtaz City

Full MEP design



360° Residencia

Full MEP design

Hajvairy Developers (Pvt) Ltd



American Lycetuff School Lahore

American Lycetuff, Multi Gardens B-17

Full MEP design

Every project on record, by sector.

Project	Location	Scope	Client · year
Electrical Town Planning 8			
Satellite Town Thotta	Thotta	Electrical infrastructure planning & town network design	
NCAF Colony-I HT Feeder Line, Kot Jabbi	Kot Jabbi, Rawalpindi	External electrification: HT / feeder line design	HQ Civil Works Organization · 2023
Satellite Town Langerpura	Langerpura	Electrical infrastructure planning	
PHA Nowshera	Nowshera	Electrical infrastructure planning	Provincial Housing Authority, Khyber Pakhtunkhwa
Park Avenue, Peshawar	Peshawar	Electrical infrastructure planning	
The Garden, Mardan	Mardan	Electrical infrastructure planning	
Garden Maison, Mardan	Mardan	Electrical infrastructure planning	
Mahria Town		Electrical infrastructure planning	
Commercial Blocks 13			
Mall of Islamabad — MOI, F-10 Markaz	Islamabad	Full MEP design	
Mall of Islamabad — MOI-2, F-10 Markaz	Islamabad	Full MEP design	
Mall of Wah — MOW	Wah Cantt	Full MEP design	
IBC Building, Mumtaz City	Islamabad	Full MEP design	
360° Residencia		Full MEP design	Hajvairy Developers (Pvt) Ltd
Aura Square, F-10 Markaz	Islamabad	Full MEP design	
Mall of Jinnah Super — MOJS, F-7 Markaz	Islamabad	Full MEP design	

Project register, continued

Project	Location	Scope	Client · year
Pavilion-99, Bahria Town Phase-04	Islamabad	Full MEP design	S&S Builders & Developers
Khanzaman Plaza, Bahria Enclave	Islamabad	Full MEP design	
Allied Bank Offices & Branches, Khanewal Road	Multan	Electrical connection & revised load approval from MEPCO	Allied Bank Limited · 2023
CDA Parking Plaza, Blue Area	Jinnah Avenue, Islamabad	Fire-protection design, approved by CDA	Capital Development Authority · 2024
Plot 5-A, I&T Centre, G-8/4	G-8/4, Islamabad	Fire-protection design, approved by CDA	2025
Tower-12, New Blue Area F-9/G-9	F-9/G-9, Islamabad	Fire-protection design, approved by CDA	2026
Educational Facilities 6			
American Lycetuff, Multi Gardens B-17	Islamabad	Full MEP design	
FBISE Examination Store Block, H-8/4	H-8/4, Islamabad	Lift design & tender documents	Federal Board of Intermediate and Secondary Education · 2023
Head-Start, Kuri Campus	Islamabad	Full MEP design	
Head-Start, H-13 Campus	Islamabad	Full MEP design	
NIH BHU Labs	Islamabad	Full MEP design	National Institute of Health (NIH)
HITEC Education City, Taxila Cantt	Taxila Cantt	External & internal electrification design	Heavy Industries Taxila Education Welfare Trust · 2025
Leisure Facilities 4			
Best Western Hotel Premier, Islamabad	Islamabad	Full MEP design	
Monal Rooftop, Mall of Imarat	Islamabad Expressway, Islamabad	Full MEP design: electrical, plumbing, fire fighting & HVAC across 50,000 sq ft	Amazon Mall (Pvt) Ltd, Mall of Imarat · 2025

Project register, continued

Project	Location	Scope	Client · year
Best Western Hotel, Bahria Phase-04	Islamabad	Full MEP design	Sky 9 Developers
Ramada Hotel, Bahria Phase-04	Islamabad	Full MEP design	Sky 9 Developers
Healthcare Facilities 2			
200-Bed Hospital (AEC), PIMS	Islamabad	External electrification design	IDAP · 2025
King Salman bin Abdul Aziz Hospital, Tarlai	Tarlai, Islamabad	HVAC system design for a 200-bed hospital	PEPAC · 2023
Industrial Facilities 9			
Metro Pharmaceuticals, Rawat RCCI	Rawat, Rawalpindi	Process & utility MEP design	
Royal Plastics, Gadoon Industrial Estate	Gadoon, Peshawar	Process & utility MEP design	
Linta Pharmaceuticals, Rawat RCCI	Rawat, Rawalpindi	Process & utility MEP design	
NOVEX Pharma, Rawat RCCI	Rawat, Rawalpindi	Process & utility MEP design	
Eden Pharmaceuticals, Rawat RCCI	Rawat, Rawalpindi	Process & utility MEP design	
Karson Pharmaceuticals, Rawat RCCI	Rawat, Rawalpindi	Process & utility MEP design	
Rotex Pharmaceuticals, Humak — Rawalpindi	Humak, Rawalpindi	Process & utility MEP design	
SMT Chip Board Industries, I-9 Islamabad	Islamabad	Process & utility MEP design	
CMU Warehouse Cooling System	Islamabad	Cooling system / HVAC design, monitoring & installation	PEPAC · 2023

Clients

Trusted by government, utilities, developers and institutions.

Government & public sector



Power utilities



Developers & real estate



Education & health



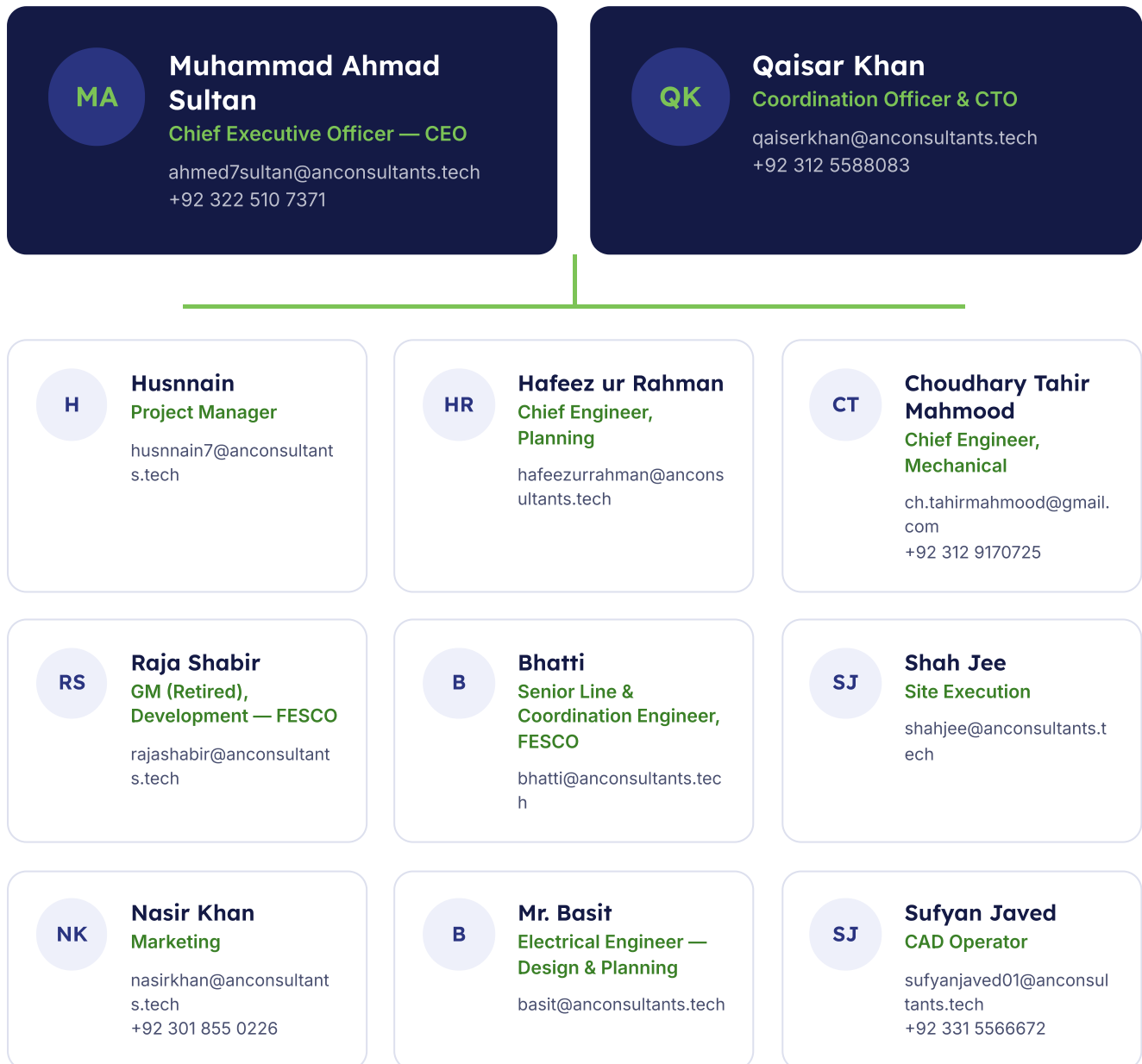
Corporate, banking & consultants



Logos are the property of their respective owners and are shown to identify clients we have delivered work for. 22 of 23 shown with logos.

A senior team that stays with the project.

The engineers below carry every engagement from first drawing to site handover.



Registered and incorporated in Pakistan.



Pakistan Engineering Council certificate of registration (issued 29 May 2024), reproduced as issued.

Pakistan Engineering Council

Consulting Engineer

Registration no.	Consult/2419
Registered	8 February 2023
Principal	Engr. Muhammad Ahmed Sultan (Elect/26734)
Profile codes	1201, 1203, 1204, 1208, 1210, 1220, 1236
Scope	Electrical & mechanical engineering works

SECP

Private limited company

Legal name	AN Engineering Consultants (Private) Limited
CUI no.	0261883
Incorporated	1 July 2024, Islamabad



AN Engineering Consultants

(Private) Limited

Got a project coming up?

Send us the scope and we'll come back with a plan, a timeline and a straight answer.

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