

AITBAAR CONTRACTING & ENGINEERING SERVICES



Civil Engineering & Construction | Electrical, Communication, Safety & Security

COMPANY PROFILE

Structural Engineering · Building Construction · Electrical Systems · Automation & Safety

Karachi, Pakistan

About Us

Who We Are

Aitbaar Contracting & Engineering Services (ACES) is an engineer-owned contracting company founded on the principles of Integrity, Innovation, and Quality. ACES operates two integrated divisions — **Civil Engineering & Construction** and **Electrical, Communication, Safety & Security, and Automation** — delivering everything from single-call service work to complex, multi-phase design-and-build projects.

Our team brings deep experience across the full project lifecycle — planning, design, execution, testing, commissioning, and maintenance — for buildings, infrastructure, power, instrumentation, and automation systems.

We combine technical excellence with traditional values: listening closely to clients, prioritizing coordinated teamwork, and getting it right the first time. Our success is measured not only by the quality of our work, but by our unwavering commitment to client satisfaction.

AT A GLANCE



ESTABLISHED

25 March 2019



OUR MISSION

Delivering innovative engineering solutions that build a safer, smarter and better tomorrow.



OUR STRENGTH

Experienced team • Client focus • Reliable delivery



CORE FOCUS

Civil Engineering & Construction; Electrical, Communication, Safety & Security



OUR PRINCIPLES

Integrity • Innovation • Quality



BASED IN

Karachi, Pakistan



Vision & Mission

Our Purpose & Direction



VISION

To be a reputable Civil Engineering, Construction, and Electrical Systems company with an international footprint — built upon smart and innovative engineering practices delivered with quality.

We keep pace with evolving industry demands while upholding an incident-free workplace as our foremost priority.



MISSION

We deliver high-quality, cost-effective, and timely construction and engineering solutions through team expertise and strong client partnerships.

By prioritizing continuous learning, strict safety standards, and environmentally responsible practices, every project reflects our commitment to durability, precision, and client confidence.

Core Values

The Principles That Guide Every Project



Customer-Centric Approach

Every decision starts with the client's needs



Quality Services

Consistent, high standards on every engagement



Timely Compliance

Delivering on schedule, every time



Reasonable Cost

Value-driven pricing without compromise



Honesty & Transparency

Open, ethical dealings at every stage



Innovation, Safety & Sustainability

Smart, safe, and future-focused solutions

Our Two Divisions

A Complete, End-to-End Delivery Model Across Civil & Electrical Works



Civil Engineering & Construction

1

Project Planning & Design

Site surveys, structural detailing, cost estimation & regulatory approvals.

2

Project Execution

Earthworks, structural & RCC works, finishes, roads & site supervision.

3

Testing & Quality Assurance

QA/QC across concrete, soil, steel, roads, waterproofing & survey.



Electrical, Communication & Automation

1

Project Planning & Design

Site surveys, electrical architecture, load calculation & documentation.

2

Project Execution

MV/LV installation, security & safety, data networks & automation.

3

Testing & Commissioning

Testing across MV, transformers, switchgear, wiring & earthing.

Civil — Project Planning & Design

Engineering the Foundation for Reliable Delivery



Structural Engineering Detailing

- Topographic and geotechnical site surveys
- Design coordination with architects & MEP
- General arrangement drawings: footings, columns, beams, slabs
- Load path detailing from superstructure to foundation
- RCC & steel reinforcement schedules



Cost Estimation & Documentation

- Waterproofing, drainage & sustainable design detailing
- Detailed bill of quantities (BOQ) and cost estimation
- Material take-offs and procurement planning
- Construction schedules and resource planning
- Shop drawings, as-builts & technical documentation



Approvals & Regulatory Compliance

- Coordination with municipal & regulatory authorities
- Building code compliance and permit documentation
- Liaison with consultants for design sign-off
- Pre-construction risk & feasibility review

Civil — Project Execution

From Groundbreaking to Finished Structure



Earthworks & Site Development

Site clearance & levelling, bulk & structural excavation, backfilling & soil compaction, shoring, bracing & dewatering.



Structural & RCC Works

Foundation, column, beam and slab construction; reinforced concrete casting; structural steel erection.



Building Envelope & Finishes

Masonry, plastering, flooring, waterproofing, cladding, and interior/exterior finishing works.



Roads & Infrastructure Works

Sub-grade & base course construction, asphalt/concrete paving, drainage, and site infrastructure development.



Project Supervision & Coordination

On-site quality supervision, MEP coordination, subcontractor management, and progress reporting.

Civil — Testing & Quality Assurance

Verified Performance at Every Stage of Construction



Concrete Works

Slump test, cube/cylinder compressive strength test, non-destructive testing (rebound hammer, UPV).



Soil & Foundation

Soil bearing capacity, Proctor compaction, California Bearing Ratio (CBR), Standard Penetration Test (SPT).



Steel & Reinforcement

Tensile strength test, bend test, reinforcement cover & spacing verification.



Roads & Pavements

Sub-grade & base course density test, Marshall stability test, pavement thickness verification.



Waterproofing & Finishing

Water ponding test, flood test for roof/terrace waterproofing.



Survey & Setting Out

Total station survey verification, level & alignment checks.

Electrical — Project Planning & Design

Engineering the Foundation for Reliable Delivery



Electrical Architecture

- Site surveys and assessments
- Collaboration with architects on integrated plans
- Single-line diagrams of key system components
- Power distribution, circuit, grounding & bonding design
- Emergency power and energy-efficient smart tech



Load & Equipment Integration

- Full load calculation for connected demand
- Selection of transformers, switchgear & control panels
- Integration of electrical, communication, automation & control systems



Code Compliance & Documentation

- Execution aligned to relevant codes and standards
- Shop drawings, as-builts, schedules & calculations
- Clear documentation for engineers and stakeholders

Electrical — Project Execution

From Installation to Fully Integrated Systems



MV/LV Electrical Installation

Switchgear, transformers, distribution boards, busways, cable containment, lighting, backup power (generators & UPS).



Energy Efficiency Solutions

Energy management & metering, smart building technologies, advisory on energy-efficient equipment.



Security & Safety Systems

Fire alarm, public address, CCTV & surveillance, emergency lighting, lightning protection, earthing & grounding.



Data & Communication Systems

Structured data/communication cabling, networking infrastructure, audio-visual systems.



Industrial Automation & Control

Design and implementation of industrial control systems, automation equipment, sensors & actuators.

Electrical — Testing & Commissioning

Verified Performance Before Handover



Medium Voltage

High Pot testing of MV cables terminated in switchgear panels.



Electrical Transformers

Turn ratio, winding resistance, insulation resistance, short circuit impedance, voltage withstand.



LV Switchgear & Distribution

Thermography, ACB primary injection, busbar insulation resistance (Megger), power factor & harmonic analysis.



LV Main/Sub-Main & Wiring

Insulation resistance testing (Megger) on main, sub-main and wiring cables.



Earthing & Ground Systems

Soil resistivity test and earth resistance test.



Extra Low Voltage Systems

Cable continuity test and Fluke test.

Sectors & Industries We Serve

A Diversified Portfolio Across the Built Environment & Industry



Residential & Commercial



Industrial & Process Facilities



Infrastructure & Roads



Healthcare



Education



Hospitality & Retail



Banking & Corporate



Government & Public Sector



Textile & Pharmaceutical



Automobile, Oil & Gas



Warehousing & Logistics



FMCGs & Consumer Goods

Our Clientele

A Diversified & Growing Client Portfolio Across Both Divisions



Engineering & Design Consultants

Architectural firms, structural consultants, and MEP design practices.



Industrial & Manufacturing

Factories, warehouses, textile, pharma, and industrial facility developers.



Commercial & Corporate

Banks, corporate offices, and commercial real estate owners.



Real Estate & Residential Developers

Housing societies, residential developments, and private clients.

Trusted by Leading Names Across Various Sectors

EA Consulting · ElekEn Associates · Vital Associates · Z.A Engineers · Lumos Consultants · Electro Polymers · Rajby Industries · Hilton Pharma · Pakistan Cables · Soorty Denim · Coats · Searle

Ideas by Gul Ahmed · Bank Alfalah · Dubai Islamic Bank · TPL Trakker · The News / Jang · Naya Nazimabad · Behbud Association · Convex Construction · Times Group · CyberNet

Our Clientele



Bank Alfalah



BEHBUD
ASSOCIATION- KARACHI



بنك دبي الإسلامي
Dubai Islamic Bank
Pakistan Limited



RAJBY
INDUSTRIES

SEARLE



SOORTY
World Of Dreams

Our Clientele



Our Clientele



Registrations & Credentials

Fully Compliant and Officially Licensed for Civil & Electrical Works



Federal Board of Revenue (FBR)

Registered for Income Tax and recognized as an Active Taxpayer for Sales Tax purposes.

Reg. No. 4220172648109



Sindh Revenue Board (SRB)

Registered for Sindh Sales Tax on Services as a technical, scientific & engineering/construction contractor.

SNTN 7391811-3 — Active



General Sales Tax (GST)

Active taxpayer with consistent return-filing compliance.

Reg. No. 7391811



Pakistan Engineering Council (PEC)

Licensed Pakistani Constructor under PEC bye-laws, Category C5/E, covering civil and electrical works.

Licence No. 30141 — Valid to 30 June 2025

Why Partner with ACES

Engineer-Owned Firm with Hands-On Technical Leadership



Engineer-owned firm with hands-on technical leadership across civil and electrical works



PEC-licensed and fully compliant with FBR, SRB & GST



End-to-end capability: design, execution, testing, commissioning & quality assurance



Proven track record across residential, commercial, industrial & infrastructure projects



ADDRESS

Suite #515, 5th Floor, Westland Trade Center,
J.H.S, Shaheed-e-Millat Commercial Lane,
Shahra-e-Faisal,
Karachi-74800.



PHONE

Landline: +92 21 34322159
Cell: +92 334 3541134 | +92 333 3003822



PHONE

aitbaar.aces@gmail.com
info@aitbaar-aces.com

FOR MORE INFO

