AXIS & BEYOND

INTEGRATED ENGINEERING SERVICES

*Engineering for a **Safer,***
***Smarter** Tomorrow.*

COMPANY PROFILE













HVAC & MEP Design and Engineering

Mechanical

Fire & Safety

Plumbing

Electrical

YOUR TRUSTED PARTNER IN MEP SOLUTIONS

Delivering integrated engineering solutions in HVAC, Mechanical, Fire & Safety and Plumbing works with quality, safety and long-term value.

SAFETY FIRST | QUALITY DRIVEN | ON TIME DELIVERY | SUSTAINABLE SOLUTIONS

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ABOUT THIS PROFILE

This company profile presents our service portfolio, engineering capabilities, working approach, project experience, and commitment to quality, health, safety, and environmental responsibility. It provides an overview of how Axis & Beyond aims to deliver dependable engineering solutions and long-term value to its clients.

ABOUT US

Engineering Beyond Expectations

Axis & Beyond Integrated Engineering Services is a Lahore-based Mechanical, Electrical and Plumbing (MEP) engineering and contracting firm committed to delivering reliable, efficient, code-compliant, and value-engineered building services solutions across Pakistan.

Our name reflects our engineering philosophy: to go beyond conventional execution and minimum requirements by delivering practical solutions that enhance building performance, operational efficiency, safety, and long-term value.

Although recently established as an independent entity, Axis & Beyond is backed by a leadership and technical team with over **12 years of combined HVAC and MEP project experience**. Our team's expertise spans commercial, healthcare, retail, hospitality, institutional, and industrial developments, providing a strong technical foundation for the successful execution of complex building services projects. Selected project experience is presented in the Joint Ventures & Key Projects section of this profile.

We provide integrated MEP solutions for developers, architects, consultants, main contractors, and facility owners, covering the complete project lifecycle from engineering design and load calculations to procurement, installation, testing, commissioning, and after-sales support.

Our approach combines technical expertise, coordinated execution, quality workmanship, and a commitment to client requirements, ensuring that every solution is designed around project objectives, applicable standards, and long-term operational performance.

At a Glance

Office	Office # 24, 1st Floor Raja Center, Gulberg II, Lahore, Punjab, Pakistan
NTN	H262481-5
Core Discipline	HVAC, Mechanical, Fire Safety, Plumbing & Electrical (MEP) Contracting
Sectors Served	Commercial, Healthcare, Retail, Hospitality, Industrial, Institutional
Team Experience	12+ years of combined HVAC / MEP project experience
Standards Followed	ASHRAE, SMACNA, NFPA, IEC/NEC, local building codes, as required by project specifications and statutory authorities.

VISION, MISSION & CORE VALUES

Our Vision

To be recognized as one of Pakistan's most trusted and technically sound MEP engineering partners, known for engineering integrity, reliability, innovation, and long-term client relationships. We aspire to contribute to the development of efficient, safe, and sustainable buildings through practical engineering solutions, quality workmanship, and a commitment to exceeding client expectations

Our Mission

To deliver safe, energy-efficient, and code-compliant mechanical, electrical, plumbing, and fire protection solutions on time and within budget. We achieve this by combining sound engineering judgment, coordinated design, disciplined project management, and skilled site execution. We are committed to maintaining high standards of quality, safety, and technical compliance while building strong partnerships with clients and project stakeholders throughout every stage of project delivery.

Core Values

- **Engineering Integrity:** Delivering technically sound designs and installations in accordance with applicable codes, recognized international standards, and approved project specifications.
- **Reliability & Accountability:** Taking ownership of our commitments and striving to meet agreed schedules, budgets, and quality requirements through effective planning and execution.
- **Safety First:** Maintaining a proactive approach to site and personnel safety through responsible working practices, risk awareness, and compliance with applicable safety requirements.
- **Client Partnership:** Building lasting relationships through transparent communication, responsive service, mutual trust, and a clear understanding of client objectives.
- **Quality Excellence**: Maintaining attention to detail across design, material selection, installation, testing, and commissioning to ensure dependable system performance.
- **Energy Efficiency & Sustainability:** Promoting practical, energy-conscious engineering solutions that improve operational efficiency, optimize resource utilization, and support long-term building performance.
- **Continuous Improvement:** Strengthening our technical expertise, developing our people, and improving our tools and processes to deliver better results on every project.

SCOPE OF SERVICES

Axis & Beyond Integrated Engineering Services provides integrated MEP engineering, procurement, installation, and construction services, with a strong focus on HVAC and mechanical systems, supported by comprehensive fire safety, plumbing, and electrical solutions. Our services cover the building-services lifecycle, from design and technical coordination to installation, testing, commissioning, and operational support.

1. HVAC (Heating, Ventilation & Air Conditioning)

- Chilled water, VRF/VRV, split, and packaged air-conditioning systems.
- Air Handling Units (AHUs), Fan Coil Units (FCUs), and air distribution systems.
- HVAC ductwork design, fabrication, installation, and insulation.
- Ventilation, fresh air, exhaust, and stairwell pressurization systems.

2. Mechanical Services

- Chiller plants, cooling towers, and chilled water pumping systems.
- Mechanical piping, valves, and associated equipment installation.
- Pump room equipment layout and system integration.
- Mechanical plant installation, testing, and commissioning.

3. Fire Safety & Fire Fighting

- Fire protection system design and installation in accordance with applicable codes.
- Fire hydrant, hose reel, and automatic sprinkler systems.
- Fire pumps, pump rooms, and associated piping networks.
- Fire suppression systems and related equipment installation.

4. Plumbing & Water Management

- Domestic water supply, distribution, and storage systems.
- Soil, waste, drainage, rain and sewerage networks.
- Hot water systems, including solar water heating where applicable.
- Water pumps, pressure boosting systems, and plumbing equipment.

5. Electrical & ELV Services

- Electrical power distribution, panels, and lighting installations.
- Standby generators, earthing, and lightning protection.

Project Management & Technical Support

- MEP design review, coordination, and technical documentation.
- BOQ preparation, quantity estimation, and material take-offs.
- Procurement coordination and vendor management.
- Site execution, supervision, and quality control.
- Testing, commissioning, handover, and operation and maintenance support.

OUR APPROACH & CORE STRENGTHS

At **Axis & Beyond Integrated Engineering Services**, we combine engineering expertise, practical site experience, and disciplined project management to deliver reliable, efficient, and quality-driven building services solutions. Our approach emphasizes technical accuracy, effective coordination, safety, and client satisfaction throughout every stage of project execution.

1. Engineering Excellence
We develop practical, technically sound solutions that meet project requirements, applicable standards, and operational needs, with a focus on reliability and long-term performance.

2. HVAC & Mechanical Expertise
Our core strength lies in HVAC and mechanical systems, with an emphasis on efficient system design, appropriate equipment selection, installation coordination, and dependable operation.

3. Integrated MEP Coordination
We coordinate HVAC, mechanical, fire safety, plumbing, and electrical services with other building disciplines to minimize clashes, reduce rework, and improve installation efficiency.

4. Quality-Driven Execution
We emphasize approved specifications, suitable materials, skilled workmanship, and systematic inspections to maintain quality throughout installation, testing, and commissioning.

5. Project Management
Through effective planning, scheduling, procurement coordination, and progress monitoring, we strive to meet agreed project timelines, budgets, and delivery requirements.

6. Safety & Compliance
We prioritize safe working practices and adherence to applicable codes, project specifications, approved drawings, and relevant regulatory requirements.

7. Client-Focused Collaboration
We build strong working relationships through transparent communication, responsive coordination, and a clear understanding of client objectives.

OUR COMMITMENT
We are committed to delivering dependable engineering solutions through technical competence, professional accountability, and consistent attention to quality—creating lasting value for our clients and project partners.

ORGANIZATIONAL STRUCTURE

Axis & Beyond Integrated Engineering Services follows a coordinated organizational structure designed to align engineering, project management, procurement, and site execution. With clearly defined responsibilities and effective communication across departments, we aim to maintain accountability, operational efficiency, quality, and timely project delivery.

LEADERSHIP

MASROOR AHMAD — FOUNDER & CEO

Masroor Ahmad brings over twelve years of experience in HVAC, MEP, and mechanical engineering across Pakistan's building construction sector. He holds an M.S. in Project Management, combining technical knowledge with structured project planning and execution expertise.

As Founder & Chief Executive, he provides strategic direction, oversees technical and operational activities, develops client and industry relationships, and guides project delivery. His leadership emphasizes engineering quality, practical problem-solving, responsible execution, and the development of long-term client partnerships.

Functional Structure

- Executive Leadership — strategy, client relations and business development
- Design & Engineering — HVAC, electrical, plumbing and fire-fighting design
- Project Management & Planning — scheduling, cost control and coordination (Primavera P6)
- Procurement & Supply Chain — vendor sourcing, quotations and material management
- Site Execution & QA/QC — installation supervision, testing and commissioning
- HSE (Health, Safety & Environment) — site safety compliance and audits

CURRENT PROJECT ENGAGEMENT

Axis & Beyond is currently executing a project in collaboration with its principal contractor, demonstrating its technical expertise, engineering capabilities, and commitment to quality workmanship, timely execution, and professional project delivery.

COWORKING SPACE, THE VERTICAL II, PINE AVENUE, LAHORE	
CLIENT: THE VERTICAL II **Type:** *Commercial/Offices* **Project Scope:** Execution of comprehensive HVAC and fire protection works for an office building, comprising a VRF air-conditioning system with water-cooled outdoor units, associated chilled water piping, and complete fire safety installations, including fire protection piping, sprinkler systems, and fire hose reels (FHRs), along with complete installation, testing, and commissioning.	

JOINT VENTURES, STRATEGIC PARTNERSHIPS & KEY PROJECTS

Axis & Beyond builds on the extensive project experience of its leadership and technical team, gained through involvement in landmark developments across Pakistan in collaboration with contracting partners, principal contractors, and clients. These projects demonstrate our team's technical capabilities, sector diversity, and commitment to quality execution, providing a strong foundation for delivering reliable and efficient engineering solutions through Axis & Beyond.

ABL CALL CENTER, AIBAK BLOCK, LAHORE

Joint Venture Partner: **CLIMATE ENGINEERS PAKISTAN**

Type: *Commercial / Corporate*

Project Scope: Execution of comprehensive HVAC, firefighting, and plumbing systems, incorporating advanced air-conditioning, fresh air ventilation, mechanical exhaust, fire pump room, sprinklers, fire hose reels, complete building plumbing, sanitary fixtures, water supply piping, borewell, and rainwater drainage systems, including complete installation, testing, and commissioning.

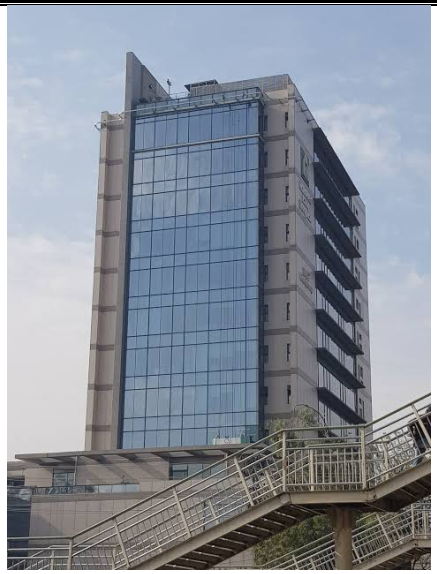


Hamid Latif Hospital, Ferozpur road Lahore

Joint Venture Partner: **CYBER COOL ENG / HAIER PAKISTAN**

Type: *Health Care*

Project Scope: Execution of a comprehensive hospital HVAC system using Haier VRV and AHU technology, incorporating advanced HEPA filtration, controlled air pressure, fresh air ventilation, and specialized air-conditioning solutions in accordance with hospital standards, ensuring optimal indoor air quality, patient comfort, and a hygienic healthcare environment.



SAPPHIRE HEAD OFFICE, IMPERIUM TOWER LAHORE

Joint Venture Partner: **SHAHEEN ENGINEERING SERVICES**

Type: *Commercial / Corporate*

Project Scope: Execution of a comprehensive HVAC system using AHU technology, fire protection systems including sprinklers and fire hose reels (FHRs), along with complete plumbing works for a corporate facility.



HALY TOWER, DHA, LAHORE

Joint Venture Partner: **CYBER COOL ENG / MIA CARPORATION**

Type: *Commercial (High-Rise)*

Project Scope: Execution of a comprehensive HVAC system comprising water-cooled packaged units, chillers, and cooling towers, including complete installation, testing, and commissioning.



MARIA B, LAYYALPUR GALLERA, FAISALABAD

Joint Venture Partner: **SHAHEEN ENGINEERING SERVICEA**

Type: *BRAND OUTLET*

Project Scope: Execution of HVAC works comprising FCU installation, ducting, MS piping, and complete fire protection systems for a mall-based brand outlet, including installation, testing, commissioning, and integration with existing building services.



CITI BANK, JAIL ROAD, LAHORE

Joint Venture Partner: **CYBER COOL ENG.**

Type: *Commercial/Banking*

Project Scope: Execution of a comprehensive HVAC system for a banking facility, comprising air-conditioning units, ductwork, ventilation, and fresh air systems, including complete installation, testing, and commissioning.



UNIVERSITY OF ENGINEERING & TECHNOLOGY, NAROWAL

Joint Venture Partner: **CYBER COOL ENG / MIA CARPORATION**

Type: *Institutional / Education*

Project Scope: Execution of HVAC works for a university, comprising air-conditioning units, AHU systems, ductwork, fresh air ventilation, and exhaust systems, ensuring efficient climate control and a comfortable learning environment.



HALMORE APPARTMENTS, Lahore

Joint Venture Partner: **HS ENGINEERING**

Type: *Residential*

Project Scope: Execution of HVAC works for a residential building using TCL VRF technology, including complete installation, refrigerant piping, and system commissioning to ensure efficient cooling and comfortable indoor living environments.



MG MOTORS, RAIWIND ROAD, LAHORE

Joint Venture Partner: **CYBER COOL ENG / HAIER PAKISTAN**

Type: *Automotive / Industrial*

Project Scope: Execution of HVAC and mechanical works for an automobile plant, including industrial ventilation, air-conditioning, ductwork, piping, and exhaust systems.



IMTIAZ SUPER MARKET, AMANAH MALL, LAHORE

Joint Venture Partner: **SHAHEEN ENGINEERING SERVICES**

Type: *Retail*

Project Scope: Execution of HVAC works for a retail supermarket, comprising FCU and AHU installations, chillers, cooling towers, plant room setup, and complete MS piping works, including installation, testing, and commissioning.

PUNJAB GROUP OF COLLEGES, AIRLINE CAMPUS, LAHORE

Joint Venture Partner: **CYBER COOL ENG**

Type: *Institutional / Education*

Project Scope: Execution of HVAC works for a college institution using Haier VRF technology, including complete installation, refrigerant piping, and system commissioning to ensure efficient climate control and a comfortable learning environment.



CLIENT SECTORS & INDUSTRIES SERVED

Axis & Beyond serves a diverse range of sectors, delivering tailored MEP engineering solutions for commercial, residential, healthcare, educational, retail, industrial, and corporate facilities. Our project experience spans hospitals, universities, colleges, shopping malls, supermarkets, banks, office buildings, and automobile plants, utilizing modern HVAC technologies, fire protection systems, mechanical services, and plumbing solutions to meet the unique requirements of each industry.

QUALITY, HEALTH, SAFETY & ENVIRONMENT

Axis & Beyond is committed to embedding quality assurance and health, safety and environmental (HSE) best practice into every stage of project delivery.

Quality Policy

- Design and installation in accordance with ASHRAE, SMACNA, NFPA, IEC/NEC and applicable local codes.
- Documented material submittals, inspection checklists and test/commissioning records.
- Continuous supervision by qualified site engineers throughout execution.

Health & Safety Policy

- Mandatory use of Personal Protective Equipment (PPE) on all sites.
- Toolbox talks and safety briefings prior to high-risk activities.
- Permit-to-work systems for hot work, working at height and confined spaces.
- Regular site safety audits and incident-reporting procedures.

Environmental Commitment

- Preference for energy-efficient equipment and systems to reduce lifecycle energy consumption.
- Responsible waste management and disposal on all project sites.
- Compliance with applicable environmental regulations.

TESTING, COMMISSIONING & MAINTENANCE

Axis & Beyond provides comprehensive testing, commissioning, and maintenance services to ensure the safe, efficient, and reliable operation of all installed engineering systems. Our experienced technical team carries out detailed inspections, functional testing, performance evaluations, and system balancing across HVAC, fire protection, mechanical, and plumbing installations. We ensure that all systems operate in accordance with approved designs, project specifications, and applicable industry standards. Through preventive maintenance, timely troubleshooting, and ongoing technical support, we help maximize equipment life, minimize operational downtime, and maintain long-term system efficiency and reliability.

STANDARDS & COMPLIANCE

Axis & Beyond is committed to delivering engineering solutions that comply with applicable international standards, local building regulations, and industry best practices. Our HVAC, fire protection, mechanical, and plumbing works are executed in accordance with approved designs, technical specifications, and relevant safety requirements. We emphasize quality assurance, material compliance, and strict adherence to project standards throughout every stage of execution. Through systematic inspections, quality control procedures, and proper documentation, we ensure safe, reliable, and sustainable engineering solutions that meet client expectations and regulatory requirements.

WHY CHOOSE AXIS & BEYOND INTEGRATED ENGINEERING SOLUTIONS?

At Axis & Beyond, we believe engineering is more than delivering projects; it is about creating safer, smarter, and more efficient environments. Through technical expertise, innovative technologies, quality workmanship, and a commitment to excellence, we deliver integrated MEP solutions across HVAC, fire protection, mechanical, and plumbing services. Our client-focused approach, attention to safety, and dedication to timely execution enable us to build lasting partnerships and deliver reliable, sustainable solutions.

Axis & Beyond Integrated Engineering Solutions – Engineering for a Safer, Smarter Tomorrow.

CONTACT US

LET'S BUILD A BETTER TOMORROW

At Axis & Beyond, we are committed to delivering reliable, innovative, and integrated engineering solutions. Whether you are planning a new project, seeking technical consultation, or exploring collaboration opportunities, our team is ready to assist you.

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