



IGNITE ENGINEERING SERVICES

Engineering with Innovation



LOCATIONS

Karachi, Hyderabad, Nawabshah, Sukkur, Quetta, Multan, Sialkot, Lahore,
Faisalabad, Islamabad, Abbottabad, Mardan

WWW.IGNITEENGINEERINGSERVICES.COM



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INTRODUCTION

IGNITE ENGINEERING SERVICES was formed in 2007 as a registered firm, highly experienced engineers gathered to provide sophisticated and first-rate service in the field of Engineering & Facility management.

Ignite Engineering Services is a multidisciplinary engineering & Facility management company. Ignite Engineering Services is positioning to assist customers nationwide with their unique needs in process, engineering, electrical, mechanical, civil , Software & Facility management services by providing them with comprehensive, value-added solutions and professional services. Ignite Engineering Services is a leading Contractor, committed to serve the all industrial sectors (oil & gas, Petrochemical, Fertilizer, Power & allied process industry & banking industry).

Ignite Engineering Services offers:

- **Electrical engineering service**
- **Mechanical engineering services**
- **Shut down services**
- **HVAC**
- **Fire fighting**
- **Civil engineering services**
- **Diesel /Gas Generators**
- **Software engineering services**
- **Facility management services**
- **Lubricants**
- **Oil testing & Analysis**

Ignite Engineering Services in business of engineering services & Facility management for more than 8 years. We have a manufacturing facility at Karachi Lahore & Peshawar where we have complete capacities for electrical, mechanical, civil, Software & Facility management works We wish to serve your esteemed organization on your ongoing and upcoming ventures. Furthermore, we have developed a highly experienced team that has vast experience in engineering & Facility management. Our company has already served many prestigious clients. Ignite Engineering Services is committed to serve its valued clients and is capable both in man and machine resources to handle medium and large projects.



CEO MESSAGE

At Ignite Engineering Services, we believe in reliability, integrity, professionalism, total quality management, teamwork and showing respect to our clients and associates.

From the beginning, Ignite Engineering Services has been committed to support the communities in which our employees work and live.

At the heart of Ignite Engineering Services success is our commitment to make our Clients successful. Our Clients include many of the leading industrial, consumer and automotive companies. We begin by understanding our Clients' business needs and product application requirements of the end users of our Clients' products. Then we design and deliver innovative motion solutions that help our Clients to differentiate their products in the marketplace. Ignite Engineering Services is all about creating and delivering value - and growth is the primary measure to this goal. Despite of all the economics & financial challenges prevailing all over the globe, we are dedicated for carving Ignite Engineering Services future to pursue our venture with vision & passion. I am therefore, not only hopeful but also positive as we face the future.



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MISSION

Ignite, highly values our client's needs for safe, reliable and operationally efficient designs through cost effective engineering and facility management services in a responsive , dynamic and efficient way. Our principal have built their career understanding this truth and developed confidence and trusted, long lasting relationship within the industry by conducting our business with integrity, honesty and hard work.

OUR MISSION STATEMENT

To provide responsive, safe and trusted solutions to our client with the highest quality, most dependable, cost effective engineering, design and construction management services in the energy industry.

VISION

To provide high quality engineering works & solutions that combine performance with value pricing whilst consistently striving to meet and exceed customer expectations in terms of back up support in engineering, services & Facility management We shall become the leading company in Pakistan providing reliable technical engineering, services & Facility management solutions, to the client.



Our common values define a culture where our people are set free to be the best they can be. They define an environment where we are motivated to respond quickly to client needs, to discover new ways to solve problems and to make responsible decisions on behalf of the company.



ELECTRICAL WORKS

IGNITE ENGINEERING SERVICES provides premier electrical contracting and maintenance for public sectors and private customers in commercial, domestic and industrial markets throughout the country.

Our electrical services include project management, design, supply, installation, testing plus commissioning and maintenance of electrical systems.

As a services company, **IGNITE ENGINEERING SERVICES** places great emphasis on its relationship with clients, private or commercial, and pride ourselves on the ability to respond to your contracting requirements in an efficient and cost-effective way.

Our Electrical engineers specialize in power supply and generation. They design, develop, test and supervise electrical equipment manufacturing. They have also been trained to handle responsibilities like power plants wiring and lighting installations in buildings, construction, manufacturing and design.

Our main area of interest in this field is:

- Generators
- Transformers
- ATS Panel (Automatic Transfer Switch)
- AMF Panel (Automatic Mains Failure)
- Installation Testing & Commissioning
- Electrical Services Design
- UPS (uninterruptable power supply) and lighting
- Wiring and lighting installations in buildings
- Door Entry System
- Electrical Heating
- HV & LV Switchgear
- Motor winding
- Auto Tricky Battery Charger
- MCCB Electrical Panel
- All Types of Troubleshooting Electrical works
- Load distribution panel & Industrial Socket Panel
- Motors
- Distribution
- Solar Panels
- Transmission
- Lighting & Power
- Electric Power Generation
- External Lights
- Fire Alarm System
- Mechanical Services Integration
- Security & CCTV
- Pre-Planned Maintenance
- Auto wiring AC and DC.
- Power Factor Panel
- Industrial & Commercial Wiring
- Synchronizing Panel
- Power Cable HT



MECHANICAL WORKS

We can also work with other machinery like refrigerators, air conditioners, robotics and elevators. Designing and building the machines that mass produce consumer products.

Our main area of interest in this field is

- Installation of Gen-set
- Repairing and overhauling all type valves
- Gen-Set overhauling
- Preventive maintenance
- Corrective maintenance
- Elevators. Lifts
- Mechanical and Structural Design
- Power plant building machines
- Designs and builds infrastructure
- Designs and builds infrastructure, buildings and buildings services
- P & I (piping and instrumentation)
- Mechanical infrastructure
- All type of Pumps
- All type Heat Exchanger
- HVAC heating and ventilation
- All rotary and stationary Mechanical equipment
- Erection and commissioning of piping network
- Pipe insulation workers
- Mechanical heavy and light structure
- Vessels
- All types of troubleshooting mechanical works.



CIVIL WORKS

IGNITE ENGINEERING SERVICES construction team has worked on complex projects and has technical experience to meet international contracting standards and capable to perform challenging high-profile diverse projects.

Our main area of interest in this field is

- General Building Works
- Residential Facilities
- Education & Health Facilities
- Industrial Construction
- Infrastructure
- Road works, Road Structures
- Cooling towers.
- Wall & Flooring Works.
- Underground and elevated concrete structures.
- Precast concrete Pipe racks.
- Culverts.
- Structural Steel Works.
- Industrial buildings.
- Fencing.
- Process piping and Pipelines.
- Insulation, Painting and scaffolding works.
- Boundary Walls & Allied Structural Works
- Road & Sewerage and Water Supply System
- Overhead & Underground Water Tanks;
- Foundations
- Water Retaining Structures
- Water Treatment Plants



COMPUTER SOFTWARE & HARDWARE

A team of experienced individuals working together to develop and promote a platform targeting the most complex global business needs in the most simple yet innovative manner. A place where you are welcomed, knowledge is shared, experience is used and problems are solved.

Our Software Team Mission

- To elevate Pakistan in the software industry and redefine web standards globally.
- To promote young talent.
- To contribute to technological development to the best of our abilities.

Software Engineering Services We Offer

- Web development
- Software development
- Content Management Systems
- Mobile App development
- HTML Sites
- Learning Management Systems
- Shopping carts
- Corporate Branding
- Social Media Marketing
- Training Modules for banking sector



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GENERATORS

Diesel/Gasoline/Gas

IGNITE ENGINEERING SERVICES supplies installation and commission of Diesel/Gas Generators as per requirement. We deal in major brands of Diesel/Gas Generators. **Our main area of interest in this field is**

Sale & Purchase of generator

- ❖ 10 KVA to 2000 KVA
- ❖ Caterpillar
- ❖ Cummins
- ❖ FG Wilson
- ❖ Perkins
- ❖ Denyo
- ❖ John deere

Installation

- ❖ Installation and commissioning.
- ❖ Full system calibration.
- ❖ Modifications in power house design.

Maintenance plans

- ❖ Annual maintenance contracts
- ❖ Top & Major Overhauling
- ❖ Emergency repairs
- ❖ Warranty

Rental & operation services

- ❖ Operation & maintenance
- ❖ Backup rental services
- ❖ Mobilization / Demobilization
- ❖ Installation / DE installation
- ❖ Crane Rental Services
- ❖ Load Bank
- ❖ Spare parts



FACILITY MANAGEMENT SERVICES

We provide world class Facility management services we are responsible for making sure that buildings and their services meet the needs of the people that work in them. we are accountable for services such as Air Conditioning cleaning, Plumbing & Carpenter Fire Fighting System security CCTV General Order Supplies we are to make sure the surrounding environment is in a suitable condition to work.

HEATING VNTILATION AND AIR CONDITIONING

IES has engineers and technician who have long experience in HVAC. We provide complete solution in supply, installation and commissioning of HVAC & Split type Air Conditioning.

Our main area of interest in this field is:

Scope of Duct Works:

- Fabrication of GI Duct
- Installation & Insulation
- Fixing of Duct
- Air outlets
- Machine connection
- VCD, FD,
- Sound Attenuators
- Fans
- Splitter Damper with all accessories
- Access Door fixing

Scope of Machine Unit Works:

- Installing of indoor machine
- Installing of outdoor machine
- DX Machines works (FCU's)
- DX Machines works (CU's)
- Copper Piping - Testing commissioning



Scope of Chilled Water Pipe Works:

- Chilled Water Pipe installation
- Supports
- MI threaded fittings
- Butt weld fitting with insulation including
 - Canvas cloth vapor barrier, including all
 - fittings, accessories, Valves

Scope of Split Type Air Conditioning units

- Supply and Installation of all Split Type Air Conditioning units.
- Supply and Installation of Split Type Air Conditioning control wiring.
- Supply and Installation of Split Type Air Conditioning Refrigeration pipes and Drain Pipes.
- Supply and Installation of Air Conditioning Control Panels.
- Testing Commissioning of HVAC Split Type Air Conditioning.
-

CCTV (CLOSE CIRCUIT TELEVISION)

IGNITE ENGINEERING SERVICES supplies all types of CCTV equipment, which are, all types of cameras, lenses, housing, Panning Motors, Panel Motors, Cord, Multiplexer, switchers, Timeless recorders, Digital Video Recorders (DVR), CCTV Monitors, all types of imported and local made cables including Coaxial Cables, Rj 6, Rj 58, Rj 59, \$ core, Power cables. We deal in all major brands available in Pakistan. We extend guarantees and warranties received from manufactures to our clients.



PLUMBING

Our highly skilled plumber's teams are experienced in home and commercial plumbing, with excellent knowledge of kitchen plumbing, bathroom plumbing, and radiator installation. We provide complete mechanical services for all types of large and small projects.

- New and renovations in institutional mechanical installations
- New and renovations to mechanical systems in commercial buildings
- High rise residential heating, ventilation air conditioning and plumbing
- Light industrial and specialty piping mechanical installation
- Specialty piping systems of med gas, pure water, radioactive waste, process, etc.

The design and execution include:

- Water treatment system
- Water softening plant.
- Automatic Hydro pneumatic
- Water pumping system.
- Hot & cold-water piping system.
- Soil & waste water disposal system.
- Rainwater installation.
- Automatic sewage transfer pumps
- Automatic storm water transfer pumps.
- Commercial plumbing systems design.

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CARPENTER

Carpenters construct and repair building frameworks and structures such as stairways, doorframes, partitions, and rafters—made from wood and other materials. They also may install kitchen cabinets, siding, and drywall.

- Residential carpenters
- Commercial carpenters
- Industrial carpenters

Our main area of interest in this field is:

- Follow blueprints and building plans to meet the needs of clients
- Install structures and fixtures, such as windows and molding
- Measure, cut, or shape wood, plastic, and other materials
- Construct building frameworks, including walls, floors, and doorframes
- Help erect, level, and install building framework with the aid of rigging hardware and cranes
- Inspect and replace damaged framework or other structures and fixtures
- Instruct and direct laborers and other construction helpers

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FIRE FIGHTING SYSTEM

IES has special team in which we have well experienced and expert engineers and technician who have provide complete solution in Fire Fighting System as per safety standard We are offers total solution in Fire Detection, Fire Alarm and Fire Extinguishing System for the protection of entire range of Industries and Application such as - power plant, office building, residential buildings and factory sheds, etc. One of our main functions is Design, Supply and Installation of Fire Fighting System. We provide total fire-fighting solution.

We are well managed by a team of qualified and experienced fire officers, engineers, skilled technicians and mechanics ready to take on any job of whatsoever nature and volume.

Our main area of interest in this field is:

- Supply and Installation of Fire Alarm Control Panels of required brand.
- Supply and Installation of Smoke and Heat detectors.
- Supply and Installation of Bell/Sounders.
- Supply and Installation of Manual Cal Point.
- Supply and Installation Circuit wiring for FACP power
- Supply and Installation Zonal wiring (Smoke Detector, Bell, Manual Call Point).
- Testing Commissioning of Fire Alarm System.

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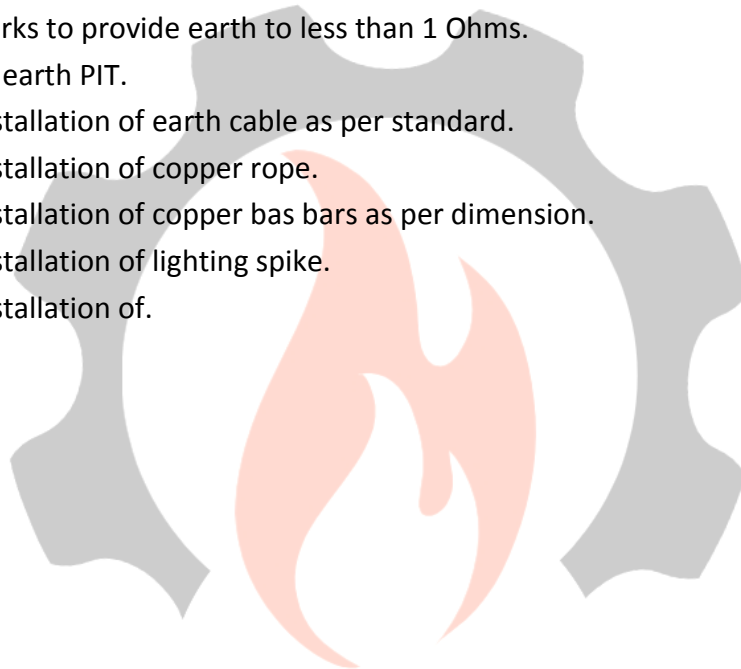


EARTHING WORK

IGNITE ENGINEERING SERVICES also undertakes Earthing works in Offices, Industries and also in GSM services. We provide all types of Earthing as per required standard and provides complete warranty period.

Following are our standards:

- Grounding works to provide earth to less than 1 Ohms.
- Installation of earth PIT.
- Supply and installation of earth cable as per standard.
- Supply and installation of copper rope.
- Supply and installation of copper bus bars as per dimension.
- Supply and installation of lightning spike.
- Supply and installation of.



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PART EQUIPMENT & GENERAL ORDER SUPPLIES

Our aim is to provide cost efficient procurement for **Part Equipment & General Order Supplies** on a larger scale, based on the vast industrial experience of our founders and our day to day exposure to industries we have partnered with some state of the art part/ equipment suppliers around the globe, we have commitment, dedication and support of different business professionals and organizations of different fields to ensure best quality services and perfect goods required by our customers.

Some of the main focused areas are.

Electrical

- Motors
- ATS Panel (Automatic Transfer Switch)
- UPS of all rage
- UPS (uninterruptable power supply)
- Wiring and lighting installations in buildings
- Generators
- AMF Panel (Automatic Mains Failure)
- Batteries & UPS • Exide, Volta, Osaka, AGS
- Solar Panels

Mechanical Works

- Piping valve & fitting materiel
- Measurement instrument
- Pneumatics
- Spare parts & consumable
- Mechanical infrastructure
- All type Heat Exchanger
- All rotary and stationary equipment
- Pipe insulation materiel
- General equipment
- Hydraulic
- Piping and instrumentation materiel
- All type of Pumps
- HVAC heating and ventilation materiel
- Fuel Supply

Civil Works Construction Material

- Sand, Bricks, Cement

Security Equipment's

- Video Surveillance
- Hand Held Detecting System
- Walk, Through Gates, HESCO Bags
- Explosive Detective



LUBRICANTS

- MULTIFUNCTIONAL OILS
- GEAR OILS
- HYDRAULIC OILS
- COMPRESSOR OILS
- TURBINE OILS
- ENGINE OILS
- GREASES
- LITHIUM COMPLEX
- ANCILLARY PRODUCTS

Additional oil services:

- Oil testing
- Oil analysis
- Lube audit



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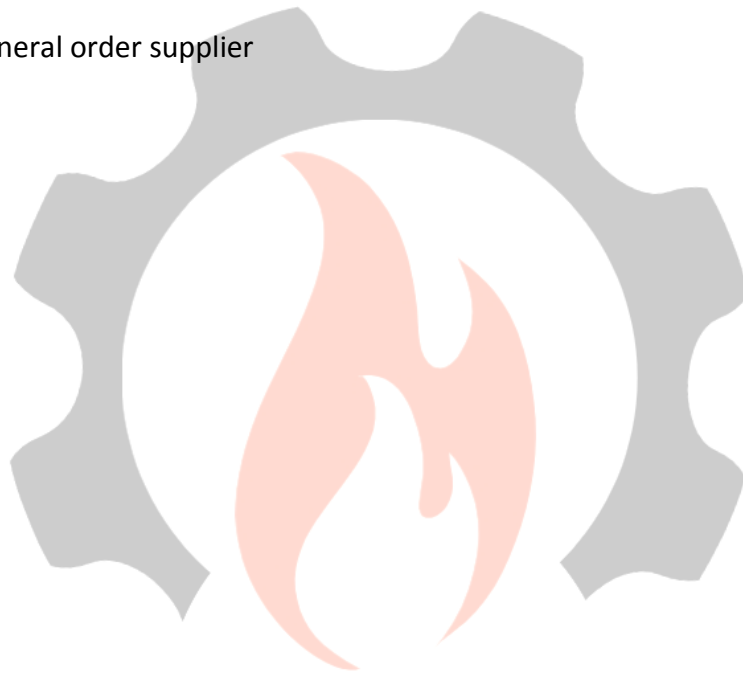


LIST OF SOME MAJOR CLIENT

- **TPL Trakker Limited**
Lighting
- **Dawlance Pvt Limited**
Panel ACs, Chillers. Pumps, electrical panel VFD, Fabrication, Crane work
- **Sindh Madressatul Islam University**
Genset maintenance, ac, 50KVa new Genset, ATS panel, Electrical work
- **Habib Sugar Mills Ltd. Nawabshah**
Control valves, Instrumentation, supply of parts
- **Jinnah Sindh Medical University**
Rental Genset installation, furniture supply, miscellaneous supply
- **Sakrand Sugar Mills Ltd**
Motors, General Order supply
- **PMC Nawabshah**
UPS, General order supply, plumbing work, Batteries, electrical repair and maintenance
- **Adamjee Engineering Private Company**
General order supply
- **Procon Pvt Ltd**
Software
- **Trade Box Logistics**
- **NBC Motors Japan**
- **Hedge & Fisher**
Software
- **The Bank Alfalah**
Software



- **United Bank limited**
Annual maintenance contract, Genset maintenance and branch renovation
- **Meezan Bank**
Genset maintenance and branch renovation
- **Mondelize**
General order supplier



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