

A low-angle, upward-looking photograph of several modern glass skyscrapers. The buildings are reflected in each other, creating a complex geometric pattern of lines and reflections. The sky is a clear, pale blue.

COMPANY PROFILE

2025

Consulting Engineers | Technical Advisors | Project Managers

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ABOUT OUR COMPANY



A BRIEF STORY ABOUT THE COMPANY

Hike Engineering Consultants is a consulting engineering firm distinguished by its professional ownership and management. Led by a seasoned team of experts representing diverse specialized disciplines, our firm is dedicated to providing cutting-edge consultancy services across various engineering and allied fields. Since its establishment in 2013, Hike Engineering Consultants has undergone significant growth, transforming into a versatile engineering enterprise. We envision expanding our operations to encompass a diverse array of ventures, including Project Management, EPC (Engineering, Procurement, and Construction), Engineering services, Software Development, Chemicals, and Trading, thereby broadening our portfolio of activities.



BRINGING IDEAS AND INNOVATION
TO LIFE THROUGH OUR EXPERTISE



A small yellow square icon containing a white silhouette of a building with a chimney.

ABOUT US

Having a business structure of sole proprietorship, our company embodies the agility and adaptability of a highly professional and streamlined organization. We pride ourselves on delivering top-tier services while circumventing the constraints often associated with overly centralized structures. Hike Engineering Consultants operates across multiple disciplines, seamlessly guiding projects from conceptualization through to execution, utilizing comprehensive planning, engineering expertise, and effective management strategies.

We prioritize quality and timely delivery as integral "value-adders," reflecting our commitment to excellence. Encouraging collaboration, teamwork, and innovative thinking, our company culture empowers us to consistently surpass expectations and achieve outstanding outcomes. We boast our expert team across diverse disciplines, tailored to the specific requirements of each project. Owning international experience and affiliations with national and international firms, we are well-equipped to provide technical services, office support, and field utilities for large-scale project.



A small yellow square icon containing a white silhouette of a factory or industrial building.

ABOUT US

Engineering is a discipline that applies knowledge from the realms of mathematics and natural sciences, acquired through study, practical experience, and application, to effectively harness the materials and forces of nature. Our company operates within a professional framework, adhering to modern organizational principles. We are dedicated to delivering superior services by leveraging the latest advancements in knowledge and contemporary practices. Hike Engineering Consultants prioritizes establishing robust partnerships with our clients to help them achieve their objectives. We accomplish this by leveraging our engineering and design expertise in a professional and ethical manner, maximizing the utilization of available resources to deliver optimal results. The company is committed to providing high quality services employing current state of knowledge and contemporary practices of the project till execution e.g., Hospitals, Universities & Colleges Campuses, Sports Complexes, TV/Media Centers, Urban Development, Housing Colonies, & Telecommunication

A large banner image with a dark blue background. On the left, there is a white line-art icon of a house with a plant growing inside. The text 'TRANSFORMING IDEAS INTO REALITY' is written in white, uppercase letters. The background features a curved, grid-like structure, possibly a modern building facade, with a bright light source creating a lens flare effect.

TRANSFORMING IDEAS INTO REALITY

VISION & MISSION

VISION

Hike Engineering Consultants envisions a future where innovation thrives and projects flourish, guided by a steadfast commitment to excellence and client satisfaction. With a focus on collaboration, adaptability, and cutting-edge solutions, we strive to redefine industry standards and shape a brighter tomorrow.

MISSION

- 01** Foster a culture of continuous improvement and innovation within our engineering practices, leveraging emerging technologies and methodologies to stay at the forefront of the industry.
- 02** Deepen client relationships by exceeding expectations, providing tailored solutions, and fostering long-term partnerships built on trust, transparency, and mutual success.
- 03** Promote sustainability, minimize environmental impact, and positively contribute to communities, leaving a legacy of progress and prosperity.

QUALITY MANAGEMENT SYSTEM

Hike Engineering Consultants is committed to excellence, providing exceptional engineering solutions that meet both client expectations and industry standards. Our continuous improvement and strict adherence to regulations ensure the highest quality in our services. We prioritize innovation, client satisfaction, and the professional development of our team, maintaining and advancing our leadership in quality within the industry.

- 01** Committed to upholding the highest standards of quality and performance, we dedicate ourselves to delivering outstanding engineering solutions that not only meet but exceed expectations, ensuring our clients' satisfaction and trust in our expertise.

- 02** Ensuring client satisfaction and adhering rigorously to the benchmarks set by the industry, we consistently deliver results that align with expectations and maintain the highest standards of quality.

- 03** Continuously striving for improvement and adhering strictly to regulatory guidelines, we uphold our commitment to delivering services of the highest caliber.

- 04** Focusing in fostering innovation, prioritizing client satisfaction, and nurturing the ongoing professional growth of our team.

OUR QUALITY MANAGEMENT SYSTEM

Quality management systems (QMS) are essential frameworks that ensure consistent quality, efficiency, and compliance within organizations. At Hike Engineering Consultants, we prioritize the implementation and understanding of QMS to uphold our commitment to excellence in every aspect of our work.

Our QMS is designed to streamline processes, minimize errors, and continuously improve our products and services. Through meticulous planning, monitoring, and control, we uphold the highest standards of quality in every aspect of our work.

By embracing QMS principles, we not only meet customer expectations but exceed them, fostering trust and loyalty. At Hike Engineering Consultants, quality is not just a goal; it's a commitment to excellence.

A graphic featuring a blue rectangular box with the text 'QUALITY MANAGEMENT SYSTEM' in white, uppercase letters. Below the box is a light blue square containing a white line-art icon of a house with a plant growing inside. The background of the graphic is a photograph of a modern building with a curved, metallic facade and large glass windows, viewed from a low angle looking up.

QUALITY MANAGEMENT SYSTEM



WHAT IS A QUALITY MANAGEMENT SYSTEM?

A Quality Management System (QMS) is a structured framework designed to ensure that an organization consistently meets or exceeds customer expectations and regulatory requirements. It encompasses a set of policies, procedures, processes, and resources that are established, implemented, maintained, and continually improved to manage quality throughout the organization.

Key Elements Involves:

- Quality Policy
- Procedures and Processes
- Quality Objectives
- Resource Management
- Risk Management
- Measurement and Analysis
- Continuous Improvement



QUALITY MANAGEMENT SYSTEM



QUALITY POLICY

At Hike Engineering Consultants, we are dedicated to delivering excellence in every aspect of our services, meeting and exceeding the expectations of our clients and stakeholders. We are committed to establishing and maintaining a Quality Management System (QMS) in accordance with ISO 9001 standards to ensure the highest level of quality and continual improvement.

- Provide innovative and sustainable engineering solutions that meet or surpass regulatory requirements and industry standards.
- Foster a culture of excellence, professionalism, and teamwork among our employees, empowering them to contribute to our quality objectives.
- Continuously improve our processes, technologies, and practices to enhance efficiency, effectiveness, and client satisfaction.
- Communicate openly and transparently with our clients, partners, and stakeholders to understand their needs, expectations, and feedback, and strive to exceed them.
- Ensure compliance with applicable legal and regulatory requirements, as well as the requirements of ISO 9001, through rigorous monitoring, evaluation, and corrective action.
- Invest in the development of our employees through training, education, and opportunities for growth, enabling them to deliver superior quality services.
- Monitor and measure our performance against established quality objectives

PROCEDURES AND PROCESSES

Client Engagement Process:

- a. Initial Consultation: Engage with clients to understand their project requirements, objectives, and expectations.
- b. Proposal Development: Prepare comprehensive proposals outlining scope of work, deliverables, timelines, and cost estimates.
- c. Contract Negotiation: Negotiate terms and conditions with clients, ensuring alignment with project requirements and regulatory standards.
- d. Project Kickoff: Conduct project kickoff meetings to clarify roles

Project Management Process:

- a. Project Planning: Develop detailed project plans, including work breakdown structure, resource allocation, and risk assessment.
- b. Execution: Implement project activities according to the established plan, monitoring progress and ensuring adherence to quality standards.
- c. Quality Control: Conduct regular quality inspections and reviews to verify compliance with project specifications and client requirements.
- d. Change Management: Manage changes to project scope, schedule, and budget through formal change control procedures.

Design and Engineering Process:

- a. Requirements Analysis: Analyze client requirements and specifications to define project scope, constraints, and objectives.
- b. Conceptual Design: Develop conceptual design solutions and alternatives, considering technical feasibility, cost-effectiveness.

ISO CERTIFICATION | QMS



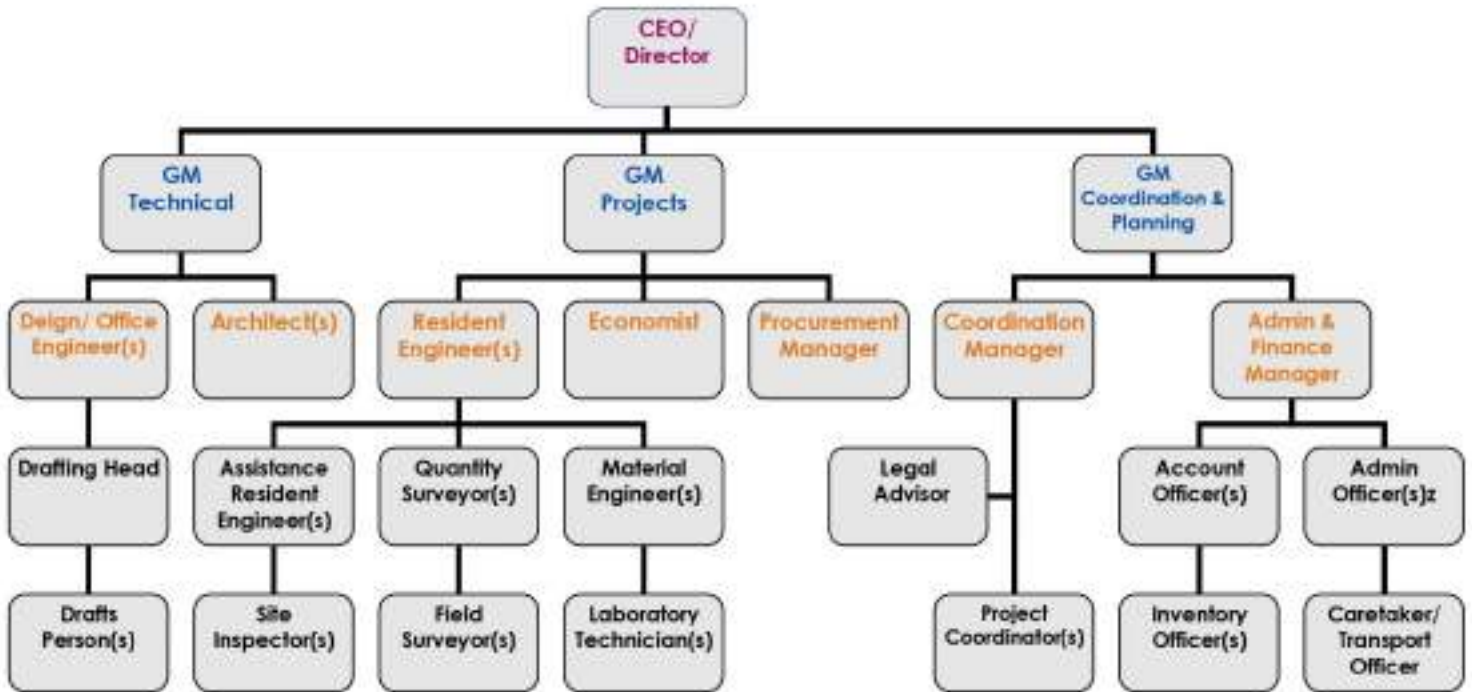
OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM



ENVIRONMENT MANAGEMENT SYSTEM



ORGANOGRAM



REGISTRATION WITH GOVERNMENT ORGANIZATIONS

Pakistan Engineering Council (PEC) - Consult/2250

Project-Profile Code Nos: 1201, 1203 (ii) (Industrial Complexes), 1204 (iii), 1205 (i), 1206, 1208, 1210, 1212, 1213 (i), 1215 (ii) (Bridges), 1235 (Eleven Only)

(For Civil, Elect & Mech Engg Works)

Punjab Revenue Authority (PRA)

PNTN 2573606-0

Service Category: Technical Scientific & Engineering Consultants Including Technical Inspection and Certification Services

Federal Board of Revenue (FBR)

Registration No. 3310026189327


Reference No. 2573606-0



PAKISTAN ENGINEERING COUNCIL (PEC)

PAKISTAN ENGINEERING COUNCIL

Registration No: **CONSULT/2250** Serial No **15759**
Date of Registration: **12-11-2021** PEC-4A




**CERTIFICATE OF REGISTRATION OF PAKISTANI
CONSULTING ENGINEER**
(UNDER PAKISTAN ENGINEERING COUNCIL ACT 1976)

This is to certify that M/s HIKE ENGINEERING CONSULTANTS Address 34-D, NFC-ECHS, PHASE-1, NEAR WAPDA TOWN, LAHORE have been registered as Consulting Engineers at Serial No CONSULT/2250 of the Register of Pakistan Engineering Council with following particulars:-


Type of Ownership (021,022,023,024) (SOLE PROPRIETORSHIP)(ENGR. MUHAMMAD MUDASSAR MUSHTAQ, CIVIL/20399)

Field of Specialization
(Project-profile Code Nos.) **1201,1203(ii)(INDUSTRIAL COMPLEXES),1204(iii),1205(i),1206,1208,1210,1212,1213(i),1215(ii)(BRIDGES),1235(ELEVEN ONLY) (FOR CIVIL, ELECT & MECH ENGG WORKS ONLY)**

SERVICE CODES:
0502,0506,0507,0509,0511,0516,0517,0518,0532,0533,0534,0535,0536,0537,0538,0539,0540,0541,0542,0543,0544,0545,0546,0547,0548,0549,0564,0571,0572,0575,0592,0596 (THIRTY-TWO ONLY) (FOR CIVIL, ELECT & MECH ENGG WORKS ONLY)



Date of Issue: **27/05/2024**


Registrar
Pakistan Engineering Council,
Islamabad.

Note:

1. This Certificate of Registration shall expire on 30th June 2026 and will be renewed on payment of the required fee before 31st July, 2026.
2. Description of project profile codes is shown on reverse.

FEDERAL BOARD OF REVENUE (FBR)

7/18/24, 9:16 PM

Print - Federal Board of Revenue



Taxpayer Profile Inquiry

Printed On: 18, Jul, 2024 - 09:13:16 PM

Registration No: D812365
Reference No: D812365-7
Registered for Sales Tax: No
Name: M/S HIKE ENGINEERING CONSULTANTS
Category: Firm
PP/REG/INC No.: 5408-2023-24
Email: usa****s26***mail.com
Cell: 00923**840**87
Address: 34-D, 6TH AVENUE NFC-ECHS, PHASE - 1 NEAR WAPDA TOWN, Lahore Wapda Town
Registered On: 17-MAY-2024
Tax Office: CTO LAHORE
Registration Status: Income Tax: Active

PUNJAB REVENUE AUTHORITY (PRA)

			
PRA REGISTRATION CERTIFICATE			
 D812365			
PNTN	D812365-7		
Registration No.	D812365		
Date of Registration	18-Jul-2024		
Name	M/S HIKE ENGINEERING CONSULTANTS.		
Type	Association of Persons		
Business Name	M/S HIKE ENGINEERING CONSULTANTS.		
Business Address	34-D 6TH AVENUE NFC-ECHS PHASE - 1 NEAR WAPDA TOWN		
Category	Service Provider		
Inc. /Reg No	5408-2023-24		
Commissionerate	Lahore Commissionerate		
Principal Activity	9814.4000 - Services provided by architects, town planners, contractors, property developers or promoters, interior decorators. / Landscape designers		
Other Activities			
Status	Active	As on	18-Jul-2024
<small>This is a computer generate certificate and, hence, no signatures are required. This certificate shall be prominently displayed at a conspicuous place of the premises in which business or work for gain is carried on. NTN certificate is also required to be indicated on the signboard.</small>			
 042-99205476-77 042-99205716 042-99205481			
 e!support@pors.punjab.gov.pk  https://e-pra.punjab.gov.pk			
			Date of Print 19-Jul-2024



OUR ENGINEERING EXCELLENCE,
SHAPING TOMORROW'S WORLD.

FIELDS OF SPECIALIZATION

hike engineering consultants, having experts in almost all civil engineering disciplines, specializes in the fields of:

- Project Management
- Infrastructure & Urban Planning
- Structural Engineering
- Irrigation & Hydraulic
- Engineering MEP Engineering
- Road and Highway Engineering
- Value & Forensic Engineering
- Technical Audit, Laboratory & Filed Testing





ORGANIZE, LEAD, SUCCEED

PROJECT MANAGEMENT

PROJECT INITIATION

- Define project objectives, scope, and deliverables.
- Conduct Feasibility Studies (Technical, Financial, Environmental, Social etc.).
- Site assessments.
- Establish project team and roles.

CONSTRUCTION PHASE

- Supervise construction activities and progress.
- Monitor adherence to schedule, budget, and quality standards.
- Ensure compliance with governing building codes and regulations..

PLANNING PHASE

- Develop a comprehensive project plan, including schedules, and resource allocation with Budgetary Planning.
- Identify risks and develop mitigation strategies.
- Obtain necessary permits and approvals.
- Define quality standards and procedures.

QUALITY CONTROL AND ASSURANCE

- Implement quality control measures and inspections. Conduct testing and evaluations.
- Address deficiencies and non-conformities promptly

DESIGN AND ENGINEERING

- Develop detailed engineering designs and specifications of all respective fields.
- Coordinate with planners, architects, engineers, and other stakeholders.
- Ensure compliance with governing building codes and regulations.
- Incorporate sustainability, environmental and social considerations.

PROJECT MONITORING AND CONTROL

- Track project performance against baseline metrics.
- Monitor budget expenditures and resource utilization.



PLAN, EXECUTE, DELIVER

PROJECT MANAGEMENT

PROJECT MONITORING AND CONTROL

- Track project performance against baseline metrics.
- Monitor budget expenditures and resource utilization.
- Adjust plans and strategies as needed.
- Communicate progress and issues to stakeholders.

RISK MANAGEMENT

- Continuously assess and manage project risks.
- Implement risk mitigation strategies.
- Monitor external factors that could impact the project.
- Maintain contingency plans.

STAKEHOLDER MANAGEMENT

- Maintain regular communication with stakeholders.
- Provide updates on project status and milestones.
- Address concerns and resolve conflicts.
- Ensure transparency and accountability.

CLOSEOUT PHASE

- Conduct final inspections and audits.
- Obtain project acceptance and sign-off.
- Complete documentation and record-keeping.
- Conduct lessons learned and post-project evaluation.





PLAN FOR PROSPERITY

INFRASTRUCTURE & URBAN PLANNING

URBAN PLANNING

- Comprehensive analysis of demographics, land use, transportation, and infrastructure.
- Long-term vision development with stakeholder engagement.
- Formulation of land use plans and zoning regulations.
- Continuous review and updates to adapt to changing needs.

TRANSPORTATION PLANNING

- Design and management of road networks, public transit, and pedestrian / bicycle infrastructure.
- Traffic studies and modeling for optimized flow and congestion reduction.

- Promotion of alternative modes to reduce reliance on automobiles.
- Integration with land use planning for sustainable development

INFRASTRUCTURE DEVELOPMENT

- Planning, design, and construction of water, wastewater, stormwater, and utilities.
- Infrastructure resilience for natural disasters and climate change.
- Adoption of innovative and sustainable technologies.
- Coordination with development projects for maximum benefits.

HOUSING AND COMMUNITY DEVELOPMENT

- Affordable housing development and mixed-income neighborhoods. Equitable access to housing and amenities.
- Community development initiatives and social services provision.
- Policies to prevent displacement and foster inclusive growth.

INFRASTRUCTURE & URBAN PLANNING

ENVIRONMENTAL PLANNING

- Protection & preservation of natural resources.
- Mitigation of environmental impacts through green infrastructure & sustainable design.
- Integration of sustainability and resilience principles.
- Promotion of environmental justice and equitable distribution of benefits.
- Promotion of transparency and accountability.
- Support for entrepreneurship and small businesses.
- Attraction of private investment through partnerships and reduction.

GOVERNANCE AND POLICY

- Establishment of clear policies and regulations.
- Collaboration among government agencies, stakeholders, and private sector.
- Monitoring and evaluation of planning initiatives.

ECONOMIC DEVELOPMENT

- Investments in infrastructure and workforce development.





INNOVATE STRUCTURAL DESIGN

STRUCTURAL ENGINEERING

DESIGN AND ANALYSIS

- Conduct structural analysis to assess loads and forces on buildings and infrastructure. Design structural elements like beams, columns, and foundations to withstand loads.
- Utilize computer-aided design (CAD) and structural analysis software for modeling.

MATERIALS SELECTION

- Choose appropriate materials (e.g., concrete, steel) based on structural requirements and environmental factors.
- Consider material properties such as

strength, durability, and corrosion resistance.

- Incorporate sustainable materials when feasible.
- Implement quality control measures to maintain structural integrity.

RETROFITTING & REHABILITATION

- Collaborate with architects and contractors to integrate structural design with construction plans.
- Monitor construction activities to ensure compliance with design specifications and building codes.

SEISMIC ENGINEERING

- Design structures to resist earthquake forces. Incorporate seismic isolation and damping systems for mitigating seismic effects.
- Develop retrofitting strategies for existing structures in seismic-prone areas.

BRIDGE ENGINEERING

- Design and analyze bridge structures for various applications.
- Consider factors like traffic loads, environmental conditions, and design aesthetics.
- Conduct inspections and maintenance to ensure safety and functionality.



BLUEPRINTS OF TOMORROW

STRUCTURAL ENGINEERING

FORENSIC ENGINEERING

- Investigate structural failures and accidents to determine causes.
- Analyze structural damage and performance deficiencies. Provide recommendations for remedials

CODE COMPLIANCE AND REGULATIONS

- Stay updated on building codes, standards, and regulations.
- Ensure designs comply with legal requirements and industry standards.
- Collaborate with regulatory authorities for approvals and permits.

TYPE & CHARACTERISTICS OF STRUCTURES

- Steel and Concrete Structures. Industrial facilities and Process Buildings.
- Pipe Racks.
- Table Top & Elevated Structures.
- Warehouse (with or without Shell structural system) Prilling Towers & Silos Underground Services for Plants
- Equipment Foundations. Pile Foundations.
- Tank Foundations. Compressor and Turbine
- Foundations (including dynamic analysis).
- Elevated and Underground Tanks.

- High Rise & Residential Buildings.
- Bill Boards & Sign Boards
- Steel structures and Transmission towers
- Rehabilitation & Structurally Strengthen of Structures
- Investigation & Structurally Strengthen of Building(s) after Natural or other hazards, like fire, earthquake, wind etc.
- Strengthen of Existing Structurally failed Building(s)
- Rehabilitation & Strengthen of Old and Historic Buildings
- Domes, Skylights, Minarets, Chimneys etc.
- Steel Towers and Masts



SUSTAINABLE WATER SOLUTIONS

IRRIGATION & HYDRAULIC ENGINEERING

DESIGN AND PLANNING

- Develop irrigation systems for efficient water distribution to crops.
- Design channels, pipelines, and pumping stations to transport water.
- Plan drainage systems to manage excess water and prevent waterlogging.

HYDRAULIC STRUCTURES

- Design and construct dams, reservoirs, and weirs to regulate water flow.
- Build barrages and diversion structures to control river flow. Construct spillways and floodgates for flood control and management.

WATER MANAGEMENT

- Optimize water usage through efficient irrigation techniques like drip and sprinkler systems.
- Implement water conservation measures to reduce waste and improve sustainability.
- Monitor water quality and ensure compliance with regulations.

HYDROLOGY AND HYDRAULICS

- Analyze rainfall patterns and runoff to determine water availability.
- Calculate flow rates and hydraulic gradients for designing water conveyance systems.
- Model river behavior.
- Hydraulic Design of Main Canal & Distribution

- System including Head & Cross Regulators, Super-Passage/Syphon, Falls, Multi-Level depressed Culvert, Single & Multi Span Bridge/ Culvert.

SOIL-WATER INTERACTION

- Study soil properties and infiltration rates to assess water absorption.
- Design drainage systems to prevent soil erosion and salinization. Implement soil conservation practices to maintain soil fertility



PRECISION IRRIGATION DESIGN

IRRIGATION & HYDRAULIC ENGINEERING

ENVIRONMENTAL IMPACT ASSESSMENT

- Evaluate the environmental impact of irrigation projects on ecosystems and biodiversity.
- Mitigate adverse effects through habitat restoration and conservation measures.
- Incorporate sustainable practices to minimize environmental degradation.

REMOTE SENSING & GIS

- Use satellite imagery and geographic information systems (GIS) for mapping and monitoring water resources.
- Analyze land use and land cover changes to assess their impact on water availability.

- Utilize remote sensing data for crop monitoring and drought prediction.

WATER POLICY AND MANAGEMENT

- Develop water management policies and regulations to ensure equitable distribution and sustainable use of water resources.
- Facilitate stakeholder engagement and community participation in water governance.
- Implement water pricing mechanisms and incentives to promote water conservation and efficiency.

RESEARCH AND INNOVATION

- Conduct research on advanced irrigation technologies and hydraulic engineering.

- Innovate new approaches for water resource management and flood control. Collaborate with academia, industry, and government agencies to address emerging challenges in water engineering.



INTEGRATED SYSTEMS EXPERTISE

MEP ENGINEERING

MECHANICAL ENGINEERING

- Design heating, ventilation, and air conditioning (HVAC) systems for buildings.
- Size and select HVAC equipment such as chillers, boilers, and air handling units. Design ductwork and piping layouts for efficient air and water distribution.
- Optimize energy efficiency and indoor air quality through HVAC system design.

ELECTRICAL ENGINEERING

- Design electrical systems for power distribution, lighting, and fire alarm systems.
- Specify electrical equipment such as transformers, switchgear, and

- Design lighting layouts for optimal illumination and energy efficiency.
- Ensure compliance with electrical codes and safety standards.
- Electrical (Commercial & Industrial) design
- HT/LT switchgear quality inspection.
- System maintenance planning.
- Engineering staff training for electrical design and development work.
- Cost reduction in utilities in process machines.

PLUMBING ENGINEERING

- Design plumbing systems for water supply, drainage, and sewage disposal.

- Size and select plumbing fixtures, piping, and pumps.
- Design sanitary and storm water drainage systems to
- Water Supply System (Commercial & Industrial) Design.
- Sewerage System (Commercial & Industrial) Design.
- Storm Water Design. Drainage System Design. Industrial Effluent Design.

FIRE PROTECTION ENGINEERING

- Design fire suppression systems including sprinklers, standpipes, and fire pumps.
- Specify fire detection and alarm systems for early warning of fire incidents.



MEP ENGINEERING

FIRE PROTECTION ENGINEERING

- Design smoke control systems to manage smoke movement in case of fire.
- Ensure compliance with fire codes and regulations for life safety.

BUILDING AUTOMATION SYSTEMS (BAS)

- Design and integrate building automation systems for centralized control of MEP systems.
- Specify sensors, actuators, and controllers for monitoring and regulating building conditions. Implement energy management strategies for optimizing MEP system performance.

- Provide remote monitoring and diagnostics capabilities for proactive maintenance.

ENERGY MODELING AND ANALYSIS

- Perform energy modeling to evaluate the energy performance of MEP systems. Analyze energy consumption and identify opportunities for energy savings.
- Recommend energy-efficient technologies and design strategies.
- Provide life cycle cost analysis to assess the economic viability of energy-saving measures.

COMMISSIONING AND TESTING

- MEP System Commissioning: Ensure Installation &

- Functionality. HVAC Testing & Balancing Verify the performance of electrical and plumbing systems against design specifications.
- Document & Report Compliance Findings. Sustainability and Green Building:
- Sustainable MEP for Green Certification.
- MEP Systems: Energy-Efficient, Water-Wise, Healthy Indoors Specify Solar PV & Geothermal Systems.
- Collaborate with architects and other design professionals to achieve sustainability goals



ROAD ENGINEERING EXCELLENCE

ROAD AND HIGHWAY ENGINEERING

ROADWAY DESIGN

- Design alignment, profile, and cross-sectional elements of roads.
- Determine lane configurations, road width, and shoulder types.
- Implement standards for curvature, grade, and sight distance to ensure driver safety.

TRAFFIC ENGINEERING

- Analyze traffic flow and capacity to optimize roadway efficiency.
- Design traffic control devices such as signals, signs, and markings.
- Implement intelligent transportation systems (ITS) for enhanced traffic management.

PAVEMENT ENGINEERING

- Design pavement structures including asphalt, concrete, and composite systems.
- Perform soil testing and materials selection for subgrade and base layers. Implement pavement management systems for maintenance and rehabilitation planning.

SAFETY ANALYSIS

- Conduct road safety audits and collision analysis.
- Design roadway features to enhance safety, including barriers, lighting, and pedestrian facilities.
- Implement road safety improvement programs based on accident data.

ENVIRONMENTAL CONSIDERATIONS

- Assess environmental impacts of highway projects through environmental impact statements.
- Design drainage systems for storm-water management and erosion control.
- Implement green construction practices to minimize environmental footprint.

CONSTRUCTION MANAGEMENT

- Highway Construction: Design Compliance Oversight
- Construction Coordination: Contractors, Engineers, Stakeholders.
- Construction Monitoring



INHERENT DESIGN PRECISION

ROAD AND HIGHWAY ENGINEERING

REGULATORY COMPLIANCE

- Ensure highway designs comply with national and local standards and regulations.
- Obtain necessary permits and approvals from governmental agencies.
- Stay updated on changes in laws and standards affecting highway engineering.

INNOVATIVE TECHNOLOGIES

- Incorporate advanced materials and technologies such as high-performance concrete or recycled materials.
- Utilize geospatial and modeling technologies for design and management.

MAINTENANCE & REHABILITATION

- Design maintenance strategies for extending the life of highway infrastructure.
- Evaluate existing road conditions and prioritize rehabilitation efforts.
- Implement maintenance operations



VALUE & FORENSIC ENGINEERING

VALUE ENGINEERING

Value Engineering is primarily applied during the planning stages of a project but can be implemented during any phase to improve profitability, efficiency, and effectiveness

OBJECTIVE OPTIMIZATION

- Aim to maximize the function of a product or project at the lowest cost.
- Focus on the value ratio of function to cost.

FUNCTION ANALYSIS

- Identify and analyze the functions of an item or process essential for performance.
- Enhance overall system efficiency.

COST REDUCTION

- Evaluate all aspects of a project to identify potential cost savings without compromising quality or performance.
- Implement strategies to reduce unnecessary expenditures.

MULTIDISCIPLINARY TEAMWORK

- Utilize a team from diverse disciplines to bring different perspectives and expertise.
- Encourage creative problem-solving and innovation through collaborative brainstorming.

LIFECYCLE ANALYSIS

- Consider the entire lifecycle cost of a project or product, from conception to disposal.
- Optimize long-term investments focusing on sustainability and operational costs.

ALTERNATIVE SOLUTIONS

- Generate multiple alternatives for achieving the desired functions.
- Compare and assess these alternatives based on cost effectiveness and reliability.

VALUE & FORENSIC ENGINEERING

IMPLEMENTATION STRATEGIES

- Develop actionable plans to integrate the most cost-effective solutions.
- Ensure smooth execution with minimal disruption to ongoing operations.

PERFORMANCE MONITORING

- Track the performance of implemented solutions against expected outcomes.
- Use feedback to refine and optimize processes continually

FORENSIC ENGINEERING

- Forensic engineering is crucial in understanding why
- engineering failures occur and in preventing future incidents by providing

- critical insights and recommendations derived from thorough investigations

INCIDENT INVESTIGATION

- Investigate failures in structures, materials, products, or systems that have caused accidents or do not function as intended.
- Examine the sequence of events that led to the failure.

ROOT CAUSE ANALYSIS

- Determine the underlying reasons for the failure through detailed analysis.
- Utilize scientific and engineering principles to
- uncover the causes of failures.

EVIDENCE COLLECTION

- Collect and preserve physical evidence from the site of the incident.
- Use photographs, samples, and other data gathering techniques to document findings.

TECHNICAL ASSESSMENT

- Perform tests and simulations to analyze hypotheses about the failure.
- Use advanced tools and technologies for precise measurements and reconstruction.



COMPREHENSIVE TESTING SOLUTIONS

TECHNICAL AUDIT, LABORATORY & FILED TESTING

TECHNICAL AUDIT

Technical audits serve as a systematic review process to assess the technical aspects of operations, identify areas for improvement, and ensure compliance with standards and regulations

COMPLIANCE REVIEW

- Assess adherence to industry standards, regulations, and internal policies.
- Verify that processes and procedures comply with legal requirements and best practices.

DOCUMENTATION EXAMINATION

- Review technical documentation, including design specifications, operational manuals.

- Ensure documentation accuracy, completeness, and alignment with actual practices.

PERFORMANCE EVALUATION

- Analyze the performance of equipment, systems, or processes against established benchmarks or performance indicators.

RISK ASSESSMENT

- Identify potential risks related to equipment failure, safety hazards, or operational deficiencies.
- Evaluate the likelihood and impact of identified risks on business operations.

RECOMMENDATIONS AND IMPROVEMENT

- Provide recommendations for corrective actions or identify areas of inefficiency, underperformance, or non-compliance.
- Propose strategies to enhance operational efficiency, reliability, and safety



INTEGRATED TESTING SOLUTIONS

TECHNICAL AUDIT, LABORATORY & FILED TESTING

AUDIT REPORTING

- Compile findings, conclusions, and recommendations into a comprehensive audit report.
- Present audit results to management or stakeholders for review and decision-making.

FOLLOW-UP AND MONITORING

- Monitor the implementation of audit recommendations and corrective actions.
- Conduct follow-up audits to assess the effectiveness of implemented measures and ensure sustained compliance.

LABORATORY TESTING

Laboratory testing plays a crucial role in product development, quality assurance, and compliance across various industries, providing essential data and insights to support decision-making and ensure product integrity.

MATERIAL ANALYSIS

- Assess the composition, structure, and properties of materials.
- Determine material suitability for specific applications or industries.

QUALITY CONTROL

- Verify the quality and consistency of results.
- Ensure products meet specified standards and requirements.

PERFORMANCE TESTING

- Evaluate the performance characteristics of products or components.
- Test durability, reliability, and functionality under controlled conditions.

ENVIRONMENTAL TESTING

- Analyze the impact of environmental factors on materials or products.
- Test for resistance to temperature, humidity, corrosion, and other environmental stressors



THOROUGH ASSESSMENT SERVICES

TECHNICAL AUDIT, LABORATORY & FILED TESTING

CHEMICAL ANALYSIS

- Identify and quantify chemical components in materials or products.
- Assess chemical properties, purity, and compatibility.

MECHANICAL TESTING

- Measure mechanical properties such as strength, hardness, and elasticity.
- Conduct tension, compression, bending, or impact tests to assess mechanical performance.

PROTOTYPE VALIDATION

- Test prototypes to validate design concepts and performance predictions.
- Identify design flaws or areas for improvement.

RESEARCH AND DEVELOPMENT SUPPORT

- Provide data and insights to support research and development efforts.
- Assist in product design, optimization, and innovation.

REGULATORY COMPLIANCE

- Ensure compliance with regulatory requirements and industry standards.
- Perform tests to meet certification or accreditation criteria.

FIELD TESTING

Field testing provides valuable insights into the performance and usability, helping to validate design assumptions, identify potential issues, and

optimize performance for end-users.

REAL-WORLD PERFORMANCE EVALUATION

- Assess how products, systems, or equipment perform under actual operating conditions.
- Measure performance metrics in real-world environments

SITE-SPECIFIC ANALYSIS

- Conduct tests directly at the location where the equipment or system will be used.
- Evaluate the influence of environmental factors, such as weather, terrain, and temperature, on performance



ROBUST TESTING FRAMEWORKS

TECHNICAL AUDIT, LABORATORY & FILED TESTING

USER EXPERIENCE FEEDBACK

- Gather feedback from end- users on usability, functionality, and satisfaction with the product or system. Incorporate user insights to identify areas for improvement and enhance user experience.

INSTALLATION VERIFICATION

- Verify alignment with design specifications and performance requirements

FUNCTIONAL CHECKS

- Ensure Equipment Integration with Infrastructure and industry standards infield operations.
- Conduct tests to validate adherence to safety,

environmental, and performance regulations

MAINTENANCE ASSESSMENT

- Evaluate the need for maintenance or repairs based
- on field performance observations.
- Spot potential issues to prevent downtime or operational disruptions. Detailed reports summarizing field test results, conclusions

REGULATORY COMPLIANCE VERIFICATION

- Ensure compliance with regulatory requirements.
- Confirm that equipment or systems operate as intended and meet performance expectations.

Test functionality, calibration, and safety features in real- world scenarios.

OUR TEAM IS OUTSTANDING



SHORT STORY ABOUT SUPER TEAM

Celebrating our greatest pride: a seasoned, professional team boasting decades of collective experience and an unyielding commitment to excellence in all our endeavors.

Team Effective Level
Percentage

92%

Healthy Office Ecosystem
Percentage

96%



MUHAMMAD MUDASSAR MUSHTAQ

THE CHIEF EXECUTIVE OFFICER



In his current role as the CEO and Design Team Leader at Hike Engineering Consultants, he oversees all aspects of project management, from initial concept development to final delivery. Being responsible for business development, project planning, resource management, and stakeholder coordination. Mushtaq's leadership and strategic vision have been instrumental in the company's growth and success, establishing Hike Engineering Consultants as a reputable firm in the field of civil engineering.

PROFESSIONAL SKILLS

- Structural Analysis & Design
- Project Management
- Business Development
- Team Leadership
- Regulatory Compliance Seismic & Dynamic Analysis
- Stakeholder Coordination
- Budgeting & Cost Estimation
- Computer-Aided Design
- Risk Management
- Tender Documentation
- Technical Report Writing
- Construction Supervision
- Detailing and Supervision
- Arbitration
- Stakeholder Coordination
- Structural Health Assessment
- Feasibility Studies
- Environmental Considerations
- International Codes and Standards

 CHIEF EXECUTIVE OFFICER

Muhammad Mudassar Mushtaq is a highly professional Civil Engineer with over 24 years of professional experience specialized in structural engineering. As the CEO and Design Team Leader at Hike Engineering Consultants, he has demonstrated exceptional leadership and expertise in delivering outstanding engineering solutions. With a strong background in civil engineering and a dedication to excellence, Mushtaq has successfully managed a wide range of projects, including public buildings, bridges, industrial structures, and irrigation systems. His expertise encompasses a wide range of projects, including the rehabilitation and enhancement of barrages, canals, and distribution systems, as well as the design of various public infrastructure such as buildings, hospitals, housing schemes, mosques, universities, overhead water tanks, water supply structures, highway bridges, schools, microwave towers, underpasses, industrial structures, and irrigation systems. His skill set includes meticulous detailing and supervision of structural plans for reinforced concrete and steel structures, along with proficiency in preparing Bills of Quantities, Engineer's Cost Estimates, and Bar Bending Schedules. Mudassar has hands-on experience in site supervision for both building and highway construction projects. With a strong grasp of international codes of practice and design standards, including those of the American Concrete Institute (ACI), American Institute of Steel Construction (AISC), Uniform Building Code (UBC), International Council of Building Officials (ICBO), and the British Standards Institution (BSI), Mudassar ensures compliance with industry best practices.

MUHAMMAD ARIF MIRZA

KEY TEAM MEMBER

Arif has 22+ years of experience as Plant Manager, Operations Manager, Head of Maintenance, Maintenance Engineer, Assistant Manager, Project Engineer, Shift Engineer in the industrial sector of Pakistan and abroad. Worked as Engineering professional in the industrial sectors of Pakistan and abroad. The main industry includes Thermal power stations, Petro chemicals, Refineries, Oil and gas pipelines, Energy Planning conservation and development, Chemicals, Ceramics, Engineering industry, Cement industry, Textile industry, Fertilizers industry, Chemical plants, Renewable energy sources and Systems etc. The key areas of services include Feasibility studies, technical studies, Industrial design, Engineering design, Mechanical design, Process Design, Power Plants Engineering, Supervision/inspection of equipment installation, Project management, technical assistance and advisory services, Process evaluation & selection, Operations and maintenance, Maintenance planning, Quality control, Professional trainings etc. IOSH Managing Safely at work V 5.0 Certified. Authorized as Plant Safety Controller since 2013 to-date. Took part in the plant commissioning and COD activities according to the guidelines of PPA, GSA, FSA, EPC, O&M contracts of 404 MW Uch Power Plant and 32 MW AEL DESCON Power plant. Worked on the Power plants including Steam turbines, Boilers of capacity 220 tons 95 bar 530 C, 25-ton 20 bar 500 C, 10 tons 15 bar 480 C, 5 tons etc. Gas Turbines, HFO engines, Gas engines, associated BOPs and Auxiliaries. Worked overseas on the oil and gas facilities in UAE, Malaysia, Saudi Arabia and Bahrain both onshore and offshore installations. Worked as Project Manager in the Plant modification activities like Air handling and filtration system, Exhaust system, radiator efficiency improvement, 10-ton crane uplifting project at 32 MW AEL DESCON Power Plant.

LIAQAT ALI MIRZA



KEY TEAM MEMBER

Liaqat emerges as a seasoned Professional Electrical Engineer, boasting a profound academic foundation from UET Lahore, augmented by an illustrious 47-year journey characterized by hands-on involvement in every facet of the electrical engineering spectrum. His expertise radiates across the intricate domains of design, erection, commissioning, and meticulous supervision of substations, encompassing the entire gamut from low voltage (LV) to extra high voltage (EHV) systems. With an unwavering confidence in his acquired skills and extensive reservoir of past experiences, Liaqat perceives himself as the quintessential fit for engineering, automation, and energy-centric endeavors. His prowess extends beyond conventional boundaries, delving into multifaceted realms of electrical engineering, including but not limited to, comprehensive engineering design undertakings, operational fine-tuning of electrical systems, nuances of electronics, and the intricate world of automation and controls. A niche expertise lies in his adeptness in earthing systems performance testing and the meticulous design and installation testing of substation lighting systems, showcasing an unparalleled attention to detail and a commitment to precision. Liaqat's professional voyage has been punctuated by noteworthy tenures at esteemed establishments such as Lahmeyer International in Abu Dhabi, ZALCO Industries in Pakistan, and the Saudi Consolidated Electric Co. in Saudi Arabia, all the while leaving an indelible mark through his diligent contributions. His journey reflects a confluence of theoretical acumen and practical proficiency, culminating in a repertoire of skills that render him an indispensable asset in the realm of electrical engineering, particularly in the pivotal domains of substation design, automation, and energy management.

MUHAMMAD TUFAIL

KEY TEAM MEMBER

With an extensive career spanning over 28 years, he has established himself as a seasoned civil engineer dedicated to delivering excellence in every project undertaken. Holding a Bachelor's degree in Civil Engineering from U.E.T Lahore, he has honed his skills in project management, structural engineering, and construction supervision across a diverse range of sectors including residential, commercial, and industrial. His track record speaks volumes about his ability to successfully manage projects from inception to completion, ensuring adherence to quality standards, timelines, and budgetary constraints. In his current role as Resident Engineer/Structural Engineer at M/s Hike Engineering Consultants, he has been entrusted with key projects such as the construction of residential units, multi-storied buildings, and structural stability reviews, where he has consistently demonstrated his expertise in overseeing project progress, conducting structural design calculations, and ensuring compliance with engineering standards and regulations. Prior to this, he has held pivotal positions at renowned organizations, where he gained invaluable experience in project coordination, proposal preparation, and contract management, managing project progress, and upholding safety and quality standards. Additionally, he has collaborated with a diverse range of organizations such as Local Government and Community Development, contributing to the successful completion of projects and gaining valuable insights into various facets of civil engineering. His expertise extends to areas such as construction management, quality assurance, budgeting, and client relationship management. Proficient in utilizing engineering software and tools, he possesses excellent communication and leadership skills that enable him to effectively collaborate with multidisciplinary teams and stakeholders.

ZAHIDA HUMERA SHAFI



KEY TEAM MEMBER

As an accomplished economist and seasoned banking professional with over two decades of experience, she is deeply committed to contributing her expertise to innovative and challenging projects. Her journey in the financial sector began with a solid educational background, including an MBA in Finance from The International University and an M.A. in Economics from The University of Punjab. This academic foundation equipped her with strong analytical abilities and a comprehensive understanding of economic principles, laying the groundwork for a successful career. During her tenure at Askari Bank Limited, where she served as In-charge Credits and Senior Relationship Manager, she managed a funded credit portfolio of Rs. 2 billion. Her responsibilities encompassed a wide range of tasks, including credit risk analysis, financial planning, and portfolio management. She spearheaded efforts to evaluate credit risk, monitor portfolio performance, and ensure compliance with regulatory requirements. Through proactive monitoring and diligent risk assessment, she successfully mitigated potential defaults and minimized financial risks, contributing to the bank's overall stability and profitability. Prior to her role at Askari Bank Limited, she gained invaluable experience at Allied Bank of Pakistan, where she held various positions including Branch Manager and In charge Credits. During her seven-year tenure, she honed her skills in relationship management, credit analysis, and financial restructuring. Currently, as an Economist at Hike Engineering Consultants, she collaborates with civil engineers to estimate the costs of construction projects and assess their economic viability. Leveraging economic models and data analysis techniques, she provides accurate cost estimates and identifies cost-saving opportunities to optimize project financing structures and enhance profitability.

SOBIA RAZZAK



KEY TEAM MEMBER

As a registered architect with a profound interest in research, teaching, and practical application, she brings a diverse array of skills and experiences to the field of architecture. Currently pursuing a Ph.D. in Architecture and holding a Master's degree, complemented by a Bachelor's degree from the University of Engineering and Technology, Lahore, she has cultivated a robust foundation in architectural theory, design principles, and research methodologies. With a rich academic background and extensive professional experience, she has refined her skills in architectural design, particularly focusing on heritage conservation and adaptive reuse. Her research and teaching interests revolve around architectural heritage conservation, igniting her passion for safeguarding cultural landmarks and seamlessly integrating them into modern urban contexts. Her research pursuits have delved into diverse topics, ranging from evaluating community park designs to analyzing on-street parking trends in urban neighborhoods. Additionally, she has explored themes like the involvement of women in disaster mitigation and the revitalization of architectural heritage through social media engagement. These research endeavors have not only broadened her understanding of the built environment but have also contributed valuable insights to the architectural community. As a Registered Architect with the Pakistan Council for Architects and Town Planners since 2008 and a member of the Institute of Architects of Pakistan since 2012, she has remained actively involved in professional development and networking within the architectural realm.

With a fusion of academic rigor, practical experience, and an unwavering dedication to architectural excellence, she is committed to making meaningful contributions to the field.

JOSHUA SHAKIL



KEY TEAM MEMBER

Bringing a wealth of experience and expertise in structural engineering and construction management, this professional has cultivated diverse roles in the industry. Currently serving as a Junior Structural Engineer at Hike Engineering Consultancy, he is entrusted with a spectrum of responsibilities ranging from structural modeling and design to project reporting and analysis. Proficient in industry-leading software such as ETABS, STAAD Pro, and SAP2000, he possesses a comprehensive skill set, enabling him to tackle complex structural challenges with precision and efficiency. Prior to his role at Hike Engineering Consultancy, he honed his project management and supervision skills as a Site Engineer in Doha, Qatar. Here, he oversaw project execution, ensuring adherence to safety standards and project timelines. Additionally, his tenure at an engineering firm provided valuable on-site experience during the construction of duplexes, where he played a pivotal role in quality control and compliance monitoring.

His journey in the field of engineering began with an internship, where he gained hands-on experience in structural design and quantity estimation. Throughout his career, he has consistently demonstrated a proactive approach to learning and problem-solving, embracing new challenges with enthusiasm and dedication.

With a strong foundation built on practical experience and technical proficiency, he is poised to continue making meaningful contributions to the field of structural engineering, driven by a passion for innovation and excellence.

Fueled by an innate passion for innovation and an unwavering commitment to excellence, he continues to chart a trajectory marked by remarkable contributions and impactful endeavors in the field

SAMEED AHMED



KEY TEAM MEMBER

Sameed Ahmed, serving as a Junior Structural Engineer at M/s Hike Engineering Consultants in Lahore, Pakistan, has undertaken diverse responsibilities contributing to the successful execution of various projects. His core responsibilities include structural modeling, design, and analysis utilizing software tools such as ETABS and SAP2000. Sameed actively participates in quantity estimation and ensures compliance with design standards, building codes, and regulations. His involvement in key projects such as the "Litigants Facilitation Center" adjacent to Islamabad High Court showcases his proficiency in structural stability review and design calculations for commercial buildings. Sameed also contributed to the stability review of Punjab College in DHA Multan, demonstrating his expertise in ensuring structural integrity. Prior to his current role, Sameed gained valuable experience at AA Building Contractor, where he served as a Junior Structural Engineer. Here, he demonstrated leadership skills, time management, and quality control in various construction tasks, including technical drawings, quality inspections, and estimation. His academic background includes a project on structural design and analysis. With a robust skill set in structural engineering, quantity estimation, and project management, Sameed Ahmed continues to make significant contributions to the construction industry, ensuring the safety, functionality, and longevity of infrastructure projects.

A true testament to his unwavering pursuit of excellence, he has consistently demonstrated an exceptional ability to optimize design solutions, invariably exceeding client expectations

MUHAMMAD USMAN SHAREEF

KEY TEAM MEMBER

In his current role as a Junior Structural Engineer at M/s Hike Engineering Consultants in Lahore, Pakistan, since December 2022, he has contributed significantly to a diverse array of projects. Notable among these are the "Litigants Facilitation Center" adjacent to Islamabad High Court and the Structure Stability Review of Style Textiles (Pvt.) Ltd. in Lahore. His responsibilities encompass structural modeling, analysis, and design using cutting-edge software tools such as ETABS and SAP2000. His expertise extends beyond technical prowess to encompass code compliance, risk assessment, collaboration, innovation, and quality assurance. He ensures that all designs adhere to relevant building codes and regulations while mitigating potential risks to structural integrity. Muhammad actively collaborates with architects, contractors, and interdisciplinary engineering teams to integrate structural designs seamlessly into overall project plans.

A testament to his commitment to excellence, he has consistently optimized design solutions and exceeded client expectations. His meticulous approach to quality assurance, including thorough reviews and peer validation, ensures that every project meets performance objectives with precision and accuracy.

Beyond his technical proficiency, his expertise transcends into the realms of code compliance, comprehensive risk assessment, collaborative innovation, and stringent quality assurance. He remains steadfast in his commitment to ensuring that each design not only meets but surpasses relevant building codes and regulations, while also proactively identifying and mitigating potential risks to structural integrity. Usman seamlessly integrates his structural designs into overarching project plans through active collaboration with architects, contractors, and interdisciplinary engineering teams, thereby ensuring holistic project success.

MUHAMMAD SHOAIB MURTAZA

KEY TEAM MEMBER

Shoaib has demonstrated an extensive track record in the field of structural engineering and quantity surveying, showcasing his proficiency across various assignments with notable employers. Currently serving as a Quantity Surveyor (QS) & Cost Engineer at M/s Hike Engineering Consultants in Lahore, Pakistan since August 2020, he has been instrumental in developing Bills of Quantities (BoQ) and tender documents. His meticulous approach extends to inspecting project sites to ensure adherence to specifications, safety standards, and progress monitoring. Previously, at M/s Habib Construction Services in Lahore from August 2016 to August 2020, Shoaib contributed significantly as a Quantity Surveyor (QS) & Site Engineer. His responsibilities encompassed preparing BoQs, monitoring project progress, and liaising with clients and consultants. Notable projects include the construction of Orange Line Metro Train System, Lahore (Package-I), and various signal-free corridors and underpasses. Shoaib's tenure at M/s Unique Engineering Services in Sukkur from March 2014 to August 2016 saw him excel as a Site Engineer & Quantity Surveyor (QS). Here, he provided technical guidance, managed project progress, and ensured compliance with quality and safety standards for projects such as the Admin Block Buildings for Uch2 Power Plant, Dera Murad Jamali. Prior to this, at M/s Riaz Malik & Co (RMC) in Multan from September 2013 to March 2014, Shoaib served as a Structure Engineer & Quantity Surveyor (QS). His responsibilities included guiding teams, developing BoQs, and overseeing project progress for significant endeavors such as the construction of flyovers and pedestrian bridges. Shoaib's commitment to excellence was evident during his tenure at M/s Husnain Cotex (pvt) Ltd in Faisalabad from September 2012 to September 2013, where he served as a Structure Engineer & Quantity Surveyor (QS). Notable projects include the construction of Faisalabad-Khanewal Motorway Package-1.

SHABIR AHMAD



KEY TEAM MEMBER

Shabbir Ahmad, an accomplished Site Engineer whose illustrious career spans over twenty-five years in the dynamic landscape of the construction industry. Armed with a Diploma in Associate Engineering from Punjab University's Rasul College of Technology, Shabbir has meticulously cultivated his expertise in site management, project coordination, and quality assurance. His professional journey commenced where he played an integral role in overseeing the construction of the Officer Colony Building for Allama Iqbal Open University, setting the stage for a trajectory marked by excellence. Since then, Shabbir has navigated through diverse roles and challenging assignments across Pakistan, leaving an indelible mark of proficiency and dedication at every step. Noteworthy among his achievements is his tenure of past experience in Lahore, where he adeptly balanced the roles of Site Supervisor and Assistant Surveyor, contributing significantly to the success of several prestigious projects. His recent leadership role at M/s Hike Engineering Consultants in Lahore underscores his prowess, where he continues to steer high-profile ventures with unwavering commitment and expertise. Throughout his career, Shabbir has forged strong collaborative relationships with project managers, architects, engineers, subcontractors, and clients, seamlessly orchestrating project plans, ensuring stringent compliance with regulatory standards, and delivering projects punctually and within budget constraints. His proactive problem-solving approach, coupled with a keen eye for detail and an unyielding commitment to safety, has earned him the reputation of a trusted industry leader.

LIST OF STAFF

Name	Designation	Education	Experience (Years)
Muhammad	CEO	M.Sc. Engg.	24
Mudassar Mushtaq		(Structures)	
Ijaz Hussain Farooqi	GM Projects	B.Sc Engg (Civil)	54
Liaqat Ali Mirza	GM Technical	B.Sc. Engg.	47
Muhammad	Electrical Design	(Electrical)	
Usama Khalid	GM Co-ordination & Planning	MBA	9
Muhammad Tufail	Chief Resident Engineer	B.Sc. Engg. (Civil).	28
Muhammad Arif Mirza	Procurement Manager/ Contract Specialist	M.Sc. Engg. (Mech)	24
Muhammad Aslam	Resident Engineer	B.Sc. Engg. (Civil).	35
Sobia Razzaq	Architect	M.Sc Architecture	23
Abdul Wahid	Architect		
Zahida Humera Shafi	Economist	MBA/ MA	28

Abdul Haseeb	Electrical Engineer	B.Sc. Engg.	10
Hussain Malik		(Elect)	
Tanzeel UR Rehman	Public Health	B.Sc. Engg.	10
Javaid	Engineer	(Civil).	
Muhammad Jameel	Material Engineer	MSc Geology	47
Kashif Ali	Material Engineer	MSc Geology	13
Joshua Shakil	Structural Engineer	B.Sc. Engg.	4
		(Civil).	
Sameed Ahmad	Structural Engineer	B.Sc. Engg.	2
		(Civil).	
Usman Sharif	Structural Engineer	B.Sc. Engg.	2
		(Civil).	
Hassan Shafiq	Admin & Account	B. Com.	12
	Manager		
Muhammad Shoaib	Resident Engineer/ Co-ordination Manager	B. Tech (Civil)	15
	QS/ Estimation Engineer		
Mahmood Azam	Head Drafting	DAE Civil	18
Muhammad Ashfaq	Accounts Officer	B. Com	10
Shabir Ahmad	ARE	DAE Civil	23
Shahid			

Muhammad Lall Raza	Quantity Surveyor	DAE Civil	14
Awais Siddiqui	Quantity Surveyor	DAE Civil	7
Muhammad Saleem Saqib	Material Engineer	B.A	9
Naveed Anwar	Draftsperson	DAE Civil	19
Hanif Rehmat	Draftsperson	DAE Civil	16
Sajid Ali	Draftsperson	DAE Civil	7
Ali Hamid	Draftsperson	DAE Civil	2
Muhammad Abrar Majeed	Site/ Office Admin Officer	B. Com	4
Ali Ramzan	Site Inspector	DAE Civil	3
Muhammad Salman	Site Inspector	DAE Civil	5
Muhammad Bilal Fareed	Surveyor	DAE Civil	5
Bilal Hussain	Surveyor	DAE Civil	11
Muhammad Shahrukh	Laboratory Technician	DAE Civil	5



WE AT HIKE USE

LIST OF SOFTWARE USED FOR DESIGN

We at hike engineering consultants use the following software for analysis, design & drafting purpose:

SAP2000	2019	CSI, Computers and Structures Inc., USA
ETABS	2021	CSI, Computers and Structures Inc., USA
SAFE	2016	CSI, Computers and Structures Inc., USA
STAAD PRO	V8i	Bentley Systems, Incorporated, USA
STAAD PRO, Advanced Foundation	V8i	Bentley Systems, Incorporated, USA
STAAD Pro, Advance Concrete	V8i	Bentley Systems, Incorporated, USA

AFES (Automatic Foundation Engineering System)	2.5	GS Engineering and Construction, South Korea.
Quick RWall	4.00.001 2	IES Inc., USA.
Quick Concrete Wall	4.00.001 2	IES Inc., USA.
Quick Footing	4.00.001 2	IES Inc., USA.
Quick Masonry	4.00.001 2	IES Inc., USA.
Slab Design	2012	Prism Codic, Pakistan.
Beam Design	2012	Prism Codic, Pakistan.
Foundation Design	2012	Prism Codic, Pakistan
Excel Design Sheets	2013, 2015,	Microsoft
AutoCAD	2021	Autodesk Inc. USA.
SketchUp Pro	2021	Trimble Inc, USA.
Microsoft Office	2019	Microsoft Inc. USA.

KEY PROJECTS



BRINGING
IDEAS &
INNOVATION TO
LIFE THROUGH
EXPERTISE



INDUSTRIAL DEVELOPMENT

- New Construction/Extension of Construction 7AVCA and Paracetamol Plant at Pharmagen Limited, Ferozepur Road, Lahore.
- Construction of 12,000 TPD New Sugar Plant at Sabure, Beles-1 and Beles-2 of Federal Democratic Republic of Ethiopia.
- Evaluation/Vetting the Structural Design of existing buildings including Main Production Area, Denim Sampling, Finished Goods Store, Boiler Shed, Steel Stairs, Hostel Buildings, ETP, Admin Block, Canteen Area, Warehouse, Engineering Block etc. at Interloop HD-3, Manga Riawind Road, Lahore.
- Evaluation/Vetting the Structural Design of existing buildings including PEBs, Main Production Area, Finished Goods Stores, Shell Structures, Boiler Houses, Industrial Steel Stairs, Hostel Blocks, Admin Block, Canteen Area, Warehouse, etc. at Style-1, Style-Highnoon, Style- Defense Road, Lahore

INDUSTRIAL DEVELOPMENT

- Structural Design of Grid Station and Power House at Interloop HD-5, Khurrianwala, Faisalabad.
- Design of New Pet Line with other facilities like Transformer room, sugar goodan, sewerage system etc for M/s Sukkur Beverages (Pvt.) Limited, Sukkar.
- Design of Multi-Level Plant for M/s Nimir Industrial Chemicals, Bahki, Sheikhpura
- Review the Structural Health of existing buildings at different facilities of Style Textile including Building A to F of Style- 1, Main Building Style QIE-3, Hall A, B, FGS/Female Canteen, Male Canteen, Dormitory/ Ind Store at Style-3 Defense Road, Hall A, B, Carton Store, Garment B Pair, Associates Store at Style-Highnoon Multan Road, Building A, B, C & D at Style-Sunder, Main Stitching Unit, Canteen
- Structural Steel Design of Mezzanine Floor at Aqueous Base Block at Brighto Paint Factory Faisalabad

NURTURING
CONCEPTS &
CREATIVITY INTO
REALITY WITH
MASTERY



INDUSTRIAL DEVELOPMENT

- Structural Steel Design of Washing area at Atlas Power Lahore- Sheikhpura, Road
- Construction of Foundry Shed At Ravi-Ii, Sheikhpura Raod, Lahore
Covered Area: 58,000 sq ft
- Evaluation/Vetting the Structural Design of Main Production, Warehouse, Paint Shop for United Auto Industries at Bhai Pheru, Lahore Covered Area: 110,000 sq ft.
- Proposed factory building for AS. Group of steel industries at Murade Kalan, Sharaqpur Road, Sheikhpura. Covered Area: 189,000 sq ft
- Structural Design of Steel Truss Roof System for Kisan Engineering, Multan Road, Lahore.
Covered Area: 29,000 sq ft.
- Structural Design of Ware House near Faiz Pur Interchange for Butt and Company (Pvt.) Limited, Lahore.
Covered Area: 59,000 sq ft.
- Proposed Tannery Unit for Wet Blue Leather at Dubburji Malian for Sheikh of Sialkot, Daska Road, Sialkot.

OUR INDUSTRIAL EXPERTISE





LAYING STRONG
BEGINNINGS



EQUIPMENT FOUNDATIONS

- Structural Design of Equipment Foundation System of 4 Ton Drop Hammer at Infinity Engineering (Pvt.) Limited, Lahore.
- Structural Design of Equipment Foundation System for Power Presses of 450 Ton & 750 Ton and Hydraulic Press of 550 Ton at Mateline (Pvt.) Limited, Lahore
- Structural Design of Equipment Foundation System for CMM Machine at Infinity Engineering (Pvt.) Limited, Lahore.
- Structural Design of Equipment Foundation System of 150 Ton & 80 Ton Press Machines at Infinity Engineering (Pvt.) Limited, Lahore.
- Structural Design of Equipment Foundation System for Xylene Tank (diameter 21m and Height 22 mm) at ABE Engineering (Pvt.) Limited, Lahore.

OFFICES & COMMERCIAL

- Multi-Storied (11 Storied) Building “Litigants Facilitation Center” adjacent Islamabad High Court, Islamabad.
Covered Area: 1,219,688 sq ft.
- Structural Design of Multi-Storied (Thirteen Stories) Office “2nd Tower of LSE” at Lahore Stock Exchange, Lahore.
Covered Area: 108,000 sq ft.
- Design & issuing the construction drawings of Multi-Storied for Punjab Irrigation (Academy Block, Male Hostels, Female Hostels, Guest House) at Ramkot, Canal Road, Lahore.
Covered Area: 99,187 sq ft.
- Structural Design of Eight Storied Structural Steel Commercial Building “Frayer Plaza – Phase-I for D5 Arcitecture, at Oklahoma, USA. Covered Area: 73,000 sq m
- Design for rehabilitation and retrofitting the existing 60 years old residential unit for Abul A'la Al-Maududi (founder of Jamait-Islami Pakistan) for converting it to museum with auditorium at Ichra, Lahore.
Covered Area: 29,112 sq ft.

WHERE DREAMS MEET
DETERMINATION AND
INNOVATION TAKES OFF



OFFICES & COMMERCIAL

- Structural Design of Multi-Storied (Seven Stories) Commercial Building/Plaza (Shama Apartments) at Shama Stop, Ferozpur, Lahore.
Covered Area: 59,000 sq ft.
- Structural Design of Multi-Storied (Six Stories) Commercial Building/Plaza (Moon Heights) at F/2 M.A Johar Town, Lahore.
Covered Area: 49,000 sq ft.
- Structural Design of Multi-Storied (Eight Stories) Commercial Building at Sui Northern Officers Cooperative Housing Scheme, Lahore.
Covered Area: 67,000 sq ft.
- Structural Design of Multi-Storied (Six Stories) Commercial Building at PIA Housing Scheme, Lahore. Covered Area: 33,000 sq ft.
- Structural Design of Multi-Storied (Eight Stories) Commercial Building at Sui Northern Officers Cooperative Housing Scheme, Lahore.
Covered Area: 44,000 sq ft.
- Structural Design of Multi-Storied (Five Stories) Commercial Building at Bund Road, Lahore. Covered Area: 35,000 sq ft.
- Structural Design of Multi-Storied (Seven Stories) Commercial Building at Wahdat Road, Lahore. Covered Area: 48,000 sq ft.
- Structural Design of Multi-Storied (Ten Stories) Commercial Building at Rail Bazar, Faisalabad. Covered Area: 64,000 sq ft.
- Structural Design of Multi-Storied (Four Stories) Commercial Building at Peoples Colony, Faisalabad. Covered Area: 44,000 sq ft.
- Construction of "Al-Farid Tower" (Seven storied) at Plot # 13 & 14, Street # 10, Usman Block (Ph-1) Jeddah Town, Islamabad.
Covered Area: 48,000 sq ft.

EDUCATIONAL

- Structural Design & Issuing the construction drawings of CMH-Medical College and ancillary facilities at Multan. Covered Area: 93,560 sq ft.
- Structural Design & Issuing the construction drawings of CMH-Medical College, Girls & Boys Hostels, Auditorium and ancillary facilities at Kharian.
Covered Area: 167,590 sq ft.
- Structural Design & Issuing the construction drawings of Central Park Medical College Complex, Girls & Boys Hostels, Auditorium and ancillary facilities at Central Park Housing Society, Ferozepur Road, Lahore
Covered Area: 398,256 sq ft.
- Structural Design & Issuing the construction drawings of Queen Medical College Complex, Girls & Boys Hostels, Auditorium and ancillary facilities at Wadana, Kasur.
Covered Area: 287,263 sq ft.

WHERE
MINDS
FLOURISH
AND
FUTURES
TAKE
SHAPE



EDUCATIONAL

- Structural Design & Issuing the construction drawings of Multi-Storied (Eight Storied Building) “Sheranwala Heights” at Izmir Town, Canal Bank Lahore.
Covered Area: 1,500,000 sq ft.
- Structural Design & Issuing the construction drawings of Central Park University at Central Park Housing Society, Ferozepur Road, Lahore.
Covered Area: 496,257 sq ft
- Structural Design of Three Storied School/ Residential Building for Life Care Centre for Pakistan Rangers at Tajpura Scheme, Lahore. Covered Area: 64,000 sq ft.
- Structural Design of Nine Storied Al-Hamra Apartment Building for Habib Rafiq (Pvt.) Limited at Raiwind, Lahore.
Covered Area: 125,000 sq ft.
- Multistoried Building (Three Stories) of Guest House & Admin/Academic Block of Human Resource Development and Training Center at Hayatabad, Peshawar for Higher Education Commission, Islamabad. Covered Area: 68,000 sq ft.
- Construction of School Building (four stories) for Makkah Foundation at Gulshan-E-Lahore, Lahore.
Covered Area: 215,000 sq ft
- Construction of School Building (four stories) for Makkah Foundation at Johar Town, Lahore,
Covered Area: 167,000 sq ft
- Construction of “The Punjab School System” Building (four stories) at Sargodha, Lahore,
Covered Area: 67,525 sq ft

EDUCATIONAL

- Structural Design of Six storied building of Medicare Trust Diagnostic Center & Maternity Home, at Chah Merian, Lahore.
Covered Area: 47,000 sq ft
- Structural Design of Thirteen storied (three basements) building of Cardic Hospital at Trade Center, Johar Town, Lahore.
Covered Area: 148,963 sq ft.
- Structural Design of Three storied building of Alkhidmat Afzal Nawaz Hospital at Nagrianwal, Gujrat.
Covered Area: 23,165 sq ft
- Structural Design of Three Storied Community Center/Hospital Building at Sharikpur, District Sheikhpura.
Covered Area: 64,000 sq ft.
- Structural Design of Two Storied Hospital Building at Bund Road, Lahore.
Covered Area: 52,000 sq ft.

HOSPITALITY INDUSTRY

- Structural Design of Seven Storied Hotel Building at Jail Road, Lahore.
Covered Area: 20,000 sq ft.
- Structural Design of Four Storied Hotel Building at Jaranwala Road, Faisalabad.
Covered Area: 64,000 sq ft
- Construction of Steel Truss Roof System at Wayzgoose Park & Hotel, Kallar Kahar, District Chakwal.
Covered Area: 28,000 sq ft

MEDICARE / HOSPITALS

- Factory Building for Relizone Pharmaceuticals at Plot # 118 Punjab Industrial Estate, Sundar, Lahore.
Covered Area: 21,000 sq ft
- Factory Building for Gallop Pharmaceuticals at Plot # 404 Punjab Industrial Estate, Sundar, Lahore.
Covered Area: 43,000 sq ft
- Factory Building for Marion Pharmaceuticals at Plot # 36-A Punjab Industrial Estate, Sundar, Lahore.
Covered Area: 72,000 sq ft
- Factory Building for News Pharmaceuticals at Plot # 42 Punjab Industrial Estate, Sundar, Lahore.
Covered Area: 27,000 sq ft
- Factory Building for Multipurpose Plant for Pharmagen Pharmaceuticals at 34-Km Ferozpur Road, Lahore.
Covered Area: 44,000 sq ft

BUILDING
SPACES
WHERE
HOPE
FINDS
A HOME



ENVIRONMENTAL BOROUGH

- Structural Design of Dissolved Air Floatation (DAF) for Nishat Chunian DAF unit (Phase 1) 150m/hr at Nishat Chunian, Kasur.
- Structural Design of 200,000 Gallons Under Ground Water Tanks (Seven in number) at TMA Hasilpur, Dist. Bahawalpur.
- Structural Design of 100,000 Gallons Under Ground Water Tanks (Six in number) at TMA Hasilpur, Dist. Bahawalpur.
- Proposed Secondary W.W.T.P (40 CuM/hr) for Coca Cola Beverages Pakistan Ltd. Faisalabad.

PROJECT MANAGEMENT & VALUE ENGINEERING

Providing the services for Full time supervision, in order to monitor quality of work, at the construction of Unit # 3 at

- Infinity Engineering (Pvt.) Limited, Lahore. Approximately Construction Period: 1.5 Years
- Evaluation of Contractor's final bill for Construction of Main Production Halls at Mateline (Pvt.) Limited, Lahore. Evaluated Cost: 42 million
- Evaluation of Contractor's final bill for Construction of Halls Main Production, Warehouse, Paint Shop for United Auto Industries at Bhai Pheru, Lahore. Evaluated Cost: 45 million.

HOUSES & RESIDENCIA

- Structural Design of Dissolved Air Floatation (DAF) for Nishat Chunian DAF unit (Phase 1) 150m/hr at Nishat Chunian, Kasur.
- Structural Design of 200,000 Gallons Under Ground Water Tanks (Seven in number) at TMA Hasilpur, Dist. Bahawalpur.
- Structural Design of 100,000 Gallons Under Ground Water Tanks (Six in number) at TMA Hasilpur, Dist. Bahawalpur.

HOUSES & RESIDENCIA

- Residential Unit for Mr.Pervaiz Yousaf at Plot 308-Y, Phase -III, D.H.A. Lahore. (1 Kanal House)
- Residential Unit for Mr Imran Bajwa at Bangla 205, St-10, Defence Raya, DHALahore. (1 Kanal House)
- Residential Unit for Mr Tahir Mahomood at 51 Jasmine Bahria Lahore. (1 Kanal House)
- Residential Unit for Mr. Etisham Siddique at DHA, Lahore. (1 Kanal House)
- Residential Unit for Mr. Saif Anjum at Phase Vii, DHA, Lahore. (1 Kanal House)
- Residential Unit for Mrs. Naila Qamar at Lahore. (1 Kanal House)
- Residential Unit for Mr. Muhammad Zia Ul Mustafa Jamil at Plot No 0106 Block Aa Lahore. (1 Kanal House)
- Residential Unit for Mr. SajjadAt Plot Paragon City, Lahore. (1 Kanal House)
- Residential Unit for Mr Hussnain Ali Shah 226-B Central Park Lahore. (1 Kanal)
- Residential Unit for Mr. Syed Tanveer Hussain Naqvi 0345-A Central Park Lahore. (1 Kanal House)
- Residential Unit for Mrs AISHA ISHAQ 1052-G Central Park Lahore. (1 Kanal House)
- Residential Unit for Mrs Shazia Parveen 0415-B Central Park Lahore. (1 Kanal House)
- Residential Unit for Mrs.Sumera Abid 055-C Central Park Lahore. (1 Kanal House)
- Residential Unit for Mrs. Sobia Mansoor Akbar 0107-C Central Park Lahore. (1 Kanal House)
- Residential Unit for Mr.Ashaq Ali Bhatti-0419,A Central Park Lahore. (1 Kanal House)
- Proposed Secondary W.W.T.P (40 CuM/hr) for Coca Cola Bevarages Pakistan Ltd. Faisalabad

THANK YOU



Because, we're here to provide

In envisioning the future, we see our company as a beacon of inspiration and a driving force for positive change in the industry. We hope to see us expanding our reach, both geographically and across diverse sectors, enriching our portfolio with groundbreaking projects that push the boundaries of what is possible.

Thank you for believing in us!



Address

34-D, 6th Avenue, NFC-ECHS, Phase-1, Lahore



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www.hike.com.pk



ACHIEVING GREATNESS
THROUGH YOUR PROSPERITY!

ANNEX-1

CVs of Key Staff

OUR TEAM IS THE BEST



CURRICULUM VITAE

Name : **MUHAMMAD MUDASSAR MUSHTAQ**
Father's Name : Mushtaq Ahmad
Address : 34-D, 6th Avenue, NFC-ECHS, Phase-1, Lahore
Phone No : +92-42-35457772-3
Cell No. : +92-300-8400287
Date & Place of Birth : June 12, 1976, Faisalabad (Punjab), Pakistan
Religion : Islam
Domicile : Faisalabad, Punjab, Pakistan
Nationality : Pakistani
PEC Registration Number : CIVIL/20399
Marital Status : Married
Profession : Civil Engineer
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : CEO/Director
Specialization in Firm : Structural Design Lead
Year of Joining Firm : January 2020

PERSONAL OUTLINES

As a registered professional engineer since 2000, I bring over 24 years of dedicated experience to the field of civil engineering, specializing in structural analysis, design, and resident engineering services. Throughout my career, I have been involved in a wide range of projects across various sectors.

I have a strong background in the rehabilitation and upgrading of critical infrastructure, such as barrages, canals, and distribution systems. I have also contributed significantly to the design and development of public buildings, including hospitals, housing schemes, mosques, and universities. Additionally, I have worked on essential infrastructure projects such as overhead water tanks, water supply facilities, highway bridges, schools, microwave towers, underpasses, and industrial facilities.

As a Resident Engineer, I have played a pivotal role in overseeing the construction process and ensuring that all projects meet their objectives. My responsibilities have included performing on-site inspections, reviewing design plans and materials, and ensuring compliance with safety, quality, and regulatory standards. As an ARE, I have managed project teams, coordinated with contractors and clients, and ensured that the projects are completed on time and within budget. I am also responsible for reviewing and approving the quality of work, addressing site-related issues promptly, and maintaining thorough documentation through detailed progress reports.

In my role as ARE, I am involved in resolving technical issues that arise during construction and ensuring that the final product aligns with the initial design specifications. I actively communicate with stakeholders, ensuring smooth execution of the project by addressing challenges as they arise, while keeping the project on track.

In each project, I leverage my knowledge and skills in structural analysis and design to create safe, efficient, and durable structures that meet the specific needs of the community. I focus on meticulous attention to detail, innovative problem-solving, and adherence to industry regulations.

I am highly proficient in detailing and overseeing the structural plans for a wide variety of reinforced concrete and steel structures. I am also skilled in preparing Bills of Quantities, Engineer's Cost Estimates, and Bar Bending Schedules. My extensive experience in site supervision, combined with my technical expertise, has enabled me to manage and coordinate various aspects of the construction

process successfully.

I am well-versed in international codes of practice and design standards, including those established by esteemed organizations such as the American Concrete Institute (ACI), American Institute of Steel Construction (AISC), Uniform Building Code (UBC), International Council of Building Officials (ICBO), and British Standards Institution (BSI).

Additionally, I possess advanced skills in using software for structural analysis and design, such as STAAD-Pro, SAP, ETABS, SAFE, AutoCAD, Excel, and Word. These tools allow me to efficiently analyze and design structures with accuracy and precision. My basic knowledge of drafting further enhances my ability to effectively communicate and visualize design concepts.

Throughout my career, I have demonstrated a commitment to delivering high-quality results while exceeding client expectations. I approach each project with a collaborative mindset, working closely with stakeholders to meet project goals efficiently and effectively. My experience in both engineering and Resident Engineering roles makes me a valuable asset to any project team, and I am eager to continue contributing my skills to the future of civil engineering.

EDUCATION

Qualification	University / Institution	Specialization	Year
MSc Engineering	University of Engineering & Technology, Lahore.	Civil Engineering (Structures)	2004
BSc Engineering	University of Engineering & Technology, Taxila.	Civil Engineering (with Honors)	2000

EXPERIENCE

Name of Employing Agency	:	M/s Hike Engineering Consultants
Title of Position	:	Design Team Leader
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	January 2020 to Present

Key Responsibilities

I undertake a range of pivotal tasks across various projects, allow me to elaborate on some of the key activities I performed:

- Efficiently managing project resources, including manpower, materials, and equipment, to optimize utilization and ensure the timely completion of the project. This includes forecasting resource requirements, overseeing procurement processes, and strategically allocating resources to meet project milestones.
- Lead the design team in the preparation of detailed structural, civil, and architectural designs for a wide range of projects, ensuring compliance with project requirements, client specifications, and applicable regulations. Oversee all design phases from concept to final delivery.
- Develop and manage the overall design process for multiple concurrent projects, ensuring that each project's design is completed on time, within scope, and meets the highest quality standards. Monitor and adjust the design schedule as necessary to meet deadlines.
- Conduct comprehensive technical reviews of design documents, calculations, and drawings, ensuring that they are accurate, complete, and align with relevant industry standards and regulations, such as AISC, ACI, BS, or other relevant codes.

- Oversee and coordinate the design efforts of multidisciplinary teams, ensuring smooth integration of all design elements, including structural, civil, and MEP disciplines, while resolving any inter-disciplinary issues.
- Lead and facilitate regular design review meetings with clients, contractors, and key stakeholders, ensuring that all project concerns are addressed promptly. Maintain clear communication channels and provide effective solutions to any challenges that arise during the design and construction phases.
- Mentor and guide junior engineers and designers in the design team, providing ongoing technical support, fostering their professional development, and ensuring that they adhere to the design processes and quality standards.
- Integrate value engineering principles into the design process, aiming to optimize project costs, enhance efficiency, and improve constructability while maintaining the integrity and functionality of the design.
- Approve and manage design modifications and changes during the project execution phase, ensuring that changes are implemented effectively without compromising the overall project budget or timeline. Ensure that all changes are documented and communicated to relevant stakeholders.
- Lead on-site inspections and site surveys to verify that the construction is being carried out in accordance with the approved design, and assess the quality of the work. Provide recommendations for design adjustments if necessary to improve performance, safety, or constructability.
- Prepare and present comprehensive progress reports, highlighting key achievements, challenges, risks, and design adjustments. Ensure these reports are communicated regularly to the senior management team and clients to provide visibility into the design progress and to inform decision-making.
- Ensure that all design documentation is up-to-date, organized, and easily accessible for future reference. Implement and maintain a rigorous document control system that complies with company standards and project requirements.
- Collaborate with project managers and construction teams to ensure that design coordination aligns with construction timelines and project delivery schedules. Actively participate in coordination meetings to resolve any potential conflicts or delays related to design work.
- Oversee the preparation of design specifications, ensuring that they are comprehensive, meet client expectations, and align with industry standards. Ensure the accuracy and completeness of design specifications to provide a clear roadmap for construction teams.
- Supervise the preparation and review of Bills of Materials (BOMs), Engineer's Estimates, and other cost-related documents in relation to design activities. Ensure that all quantities are accurately measured, and that cost estimates align with the finalized design plans and specifications.
- Monitor project budgets and track design-related expenditures to ensure that costs remain within allocated limits. Take proactive steps to mitigate potential cost overruns by identifying cost-effective solutions and optimizing design approaches.
- Develop and maintain strong working relationships with clients, consultants, and contractors, ensuring that all parties are aligned with the project goals and that any project issues are resolved collaboratively to mitigate them. This proactive approach includes conducting thorough risk assessments, devising contingency plans, and implementing effective risk mitigation measures to safeguard project success.
- Proactively pursuing business development opportunities to drive growth and expand market

presence through strategic initiatives.

KEY PROJECTS with M/s Hike Engineering Consultants

- **Project** : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.**
Client : Capital Development Authority (CDA).
Type : Multistoried Office Complex (11 Stories).
Measurement(s) : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT
Cost : PKR 7562 M
Brief : The Litigants Facilitation Center, led by the Capital Development Authority (CDA), is an upcoming architectural marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. With an impressive 11-story frame structure covering over 1,219,688 square feet and a vast plot of more than 270,224 square feet, it promises to redefine legal infrastructure.
Designed with precision, the center caters to the diverse needs of legal professionals and litigants with dedicated offices, comfortable waiting areas, rest zones, common rooms, and tuck shops for refreshments. Enhanced user experience is ensured through comprehensive parking facilities and a well-planned road network. Additionally, sustainability is prioritized with a robust sewerage system and rainwater collection chambers.
- **Project** : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**
Client : Punjab Irrigation Department.
Type : Multistoried Educational Complex (04 Stories).
Measurement(s) : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
Cost : PKR 744 M
Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering ample space for academic pursuits, accommodation, and communal activities, it also poised to foster learning and innovation in a conducive environment.
- **Project** : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah,**

Lahore.

Client : Punjab School System, Lahore.
Type : Multistoried Educational Complex (05 Stories).
Measurement(s) : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT

Cost : PKR 1494 M

Brief : The Punjab School System prioritizes educational enhancement through accessible and affordable infrastructure. Their commitment to quality education is evident in meticulously planned facilities, including multi-storyed blocks, administrative buildings, and expansive playgrounds. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore integrates these features seamlessly, offering over 293,074 square feet of covered area in multi-level structures. Amenities such as a swimming pool, squash courts, and an auditorium enhance the learning environment. The campus also provides ample parking with sheds for students, staff, and visitors, emphasizing convenience. This holistic approach underscores the system's dedication to fostering excellence and comfort for all stakeholders.

• **Project : Takbeer Tower at McLeod Road at Lakshami Chowk, Lahore.**

Client : Punjab School System, Lahore.
Type : Multistoried Commercial Building (05 Stories).
Measurement(s) : Covered Area: 182000 SFT
Plot Area: 54,000 SFT

Cost : PKR 1306 M

Brief : "Takbeer Tower" stands tall as a 13-story edifice, strategically situated at the bustling intersection of McLeod Road and Cooper Road in Lakshami Chowk, Lahore. This architectural & engineering marvel replaces the iconic Moon Light Cinema, long a landmark in the heart of Lahore. Crafted as a skeletal frame structure, the tower boasts three basement levels primarily designated for parking convenience. Ascending from the lower basement to the fifth floor, a diverse array of commercial spaces and shops will be housed, catering to the dynamic needs of the locality. The upper floors are earmarked for office spaces, providing a professional hub amidst the urban hustle. Adding to its allure, Takbeer Tower reserves one floor exclusively for entertainment, featuring enticing amenities like food courts and a cinema. This dedicated space promises a multifaceted experience, ensuring visitors find both business and leisure under one roof.

• **Project : Plant Building for Multipurpose (Paracetamol) & 7AVCA Plant including Tank yard and Utility Area for Pharmagen Limited at Ferozepur Road, Lahore.**

Client : Pharmagen Limited, Lahore.
Type : Multistoried Industrial Plant Buildings (05 Stories).
Measurement(s) : Covered Area: 58,630 SFT

Cost : PKR 340 M

Brief : Pharmagen Limited has earned international acclaim for its contributions

to the pharmaceutical industry. They are expanding their production capabilities by increasing the existing Paracetamol production capacity to 300TPD at their Multipurpose plant. Additionally, they are embarking on the construction of a new 7AVCA Plant in the same vicinity, accompanied by the establishment of a tank yard and utility area. These facilities consist of multi-storied plant buildings with a total covered area exceeding 58,630 square feet, spanning across five functional floors. This expansion marks a significant step towards Pharmagen Limited's commitment to advancing pharmaceutical manufacturing and innovation.

- **Project** : **Warehouse at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
Client : Nimir Industrial Chemicals
Type : Industrial Building & Structures
Measurement(s) : 209,064 SFT
Cost : PKR 378 M
Brief : Nimir Industrial Chemicals, a prominent figure in the chemical industry, revolutionized its operational infrastructure with the construction of a cutting-edge warehouse facility in Bahkki, Sheikhpura. This industrial building spanned an impressive 209,064 square feet, representing a significant investment of PKR 378 million. With this project, Nimir Industrial Chemicals reaffirmed its commitment to excellence and innovation in industrial building and structures, setting new standards for efficiency and functionality in the chemical manufacturing sector.

- **Project** : **Grid Station and Power House at Interloop HD-5, Khurrianwala, Faisalabad.**
Client : Interloop Limited.
Type : Industrial & Power Structures
Measurement(s) : N/A
Cost : PKR 218 M
Brief : The Interloop HD-5, located in Khurrianwala, Faisalabad, is part of Interloop Limited, one of Pakistan's largest hosiery manufacturers. They have a significant presence in the region and are known for their commitment to sustainability and innovation. The company has multiple facilities, including a grid station and power house, which are part of their efforts to ensure efficient energy use and minimize environmental impact. They also have a 2.0 MW Solar Project at the Interloop Industrial Park aimed at producing renewable energy. If you're looking for more information on their sustainability projects or any other details, reaching out to them directly would be the best course of action. This project, with an investment of PKR 218 million, aimed to enhance the facility's power infrastructure to meet growing operational demands. Serving as a critical component of industrial and power structures, this initiative demonstrates Interloop's commitment to sustainable growth and operational excellence in the textile sector.

- **Project** : **Soap line Plant, Shampoo & Hand Sanitizer Plant, Brick Plant, Chlorine**

Caustic Soda Plant at Nimir Industrial Chemicals, Bahkki, Sheikhpura.

Client : Nimir Industrial Chemicals
Type : Industrial Building & Structures
Measurement(s) : 80,556 SFT
Cost : PKR 819 M
Brief : Nimir Industrial Chemicals Ltd., located in Bhikhi, Sheikhpura, has been actively engaged in various expansion projects and the establishment of new plants. They upgraded their fatty acid and soap noodle plant to increase capacity for manufacturing oleo chemicals, including soap noodles used in soap production, and established facilities with multiple high-speed lines for the production of personal and home care products as part of their Home Care plant. While specific details about a brick plant are not provided, Nimir produces construction chemicals that may involve products related to brick manufacturing. Additionally, they expanded their capacity to produce caustic soda through a technology upgrade, enabling the production of 120 tons per day of caustic soda. These initiatives marked significant step towards advancing of their industrial capabilities.

• **Project : New Production Area with Warehouse including ancillary structures for Sukkur Beverages (Pvt.) Limited, Sukkur.**

Client : Sukkur Beverages (Pvt.) Limited, Sukkur
Type : Industrial Building & Structures
Measurement(s) : 38,000 SFT
Cost : PKR 550 M
Brief : Sukkur Beverages Pvt. Limited, renowned for pioneering carbonated soft drinks in the Interior Sindh and bordering South Punjab regions, has made substantial investments in expanding its production capacity and infrastructure. While specific details about the new production area and warehouse, along with ancillary structures at Sukkur, are not available, the company's existing production facility is situated at A-10, S.I.T.E., Sukkur. Sukkur Beverages has consistently invested in various aspects of its operations, including high-speed production lines, infrastructure, and capability initiatives, to meet market demand and enhance operational efficiency. The project involved the construction of a new production area with a warehouse and ancillary structures for Sukkur Beverages (Pvt.) Limited, spanning 38,000 square feet at a cost of PKR 550 million. This development represents a significant investment in enhancing production capabilities and underscores Sukkur Beverages' commitment to meeting consumer needs and driving growth in the beverage industry.

• **Project : Home Care Building at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**

Client : Nimir Industrial Chemicals
Type : Industrial Building & Structures
Measurement(s) : 52,228 SFT
Cost : PKR 276 M
Brief : The Home Care Building at Nimir Industrial Chemicals in Bhikhi, Sheikhpura, symbolizes the company's strategic expansion into the home

and personal care products sector. With its completion, this state-of-the-art facility, spanning 52,228 square feet and built at a cost of PKR 276 million, heralds a new era of manufacturing excellence and sustainability. Equipped with cutting-edge technology and multiple high-speed production lines, the plant is geared towards producing a wide array of home care essentials. Committed to delivering superior quality while upholding environmental stewardship, this facility underscores Nimir's dedication to meeting the evolving needs of consumers and the industry at large.

- **Project** : **Glycerin Distillation-300D Plant at Plot No 250,253,259,260 FIEDMC M3 Industrial Area, Sahiawala , Faisalabad.**
- Client** : Power Chemical Industries Limited.
- Type** : Industrial Structure
- Measurement(s)** : N/A
- Cost** : PKR 290 M
- Brief** : The Glycerin Distillation-300D Plant at FIEDMC M3 Industrial Area, Sahiawala, Faisalabad, represents Power Chemical Industries Limited's investment in cutting-edge industrial infrastructure, with a budget of PKR 290 million. As an industrial structure project, it underscores the company's commitment to innovation and efficiency in chemical manufacturing. Equipped with advanced distillation technology, the plant aims to streamline glycerin purification processes while adhering to stringent safety and environmental standards. By prioritizing quality, reliability, and client satisfaction, Power Chemical Industries Limited seeks to reinforce its position as a leading provider in the chemical industry, meeting the evolving needs of its customers while contributing to sustainable industrial development.

KEY PROJECTS with M/s National Engineering Services Pakistan (Pvt.) Limited, NESPAK

- **Project** : **Detailed Design of Jalalpur Irrigation Project**
- Client** : Punjab Irrigation Department, Government of the Punjab.
- Type** : Irrigation Canal with Headworks, Cross-Drainage/ Drop/ Retaining Structures, Regulators, Escape Channels, Outlet Works etc.
- Measurement(s)** :
 - Main Canal Length = 116 KM, Distributaries & Minor Length = 210 KM, Total Length of Canal & Distribution System = 326 KM.
 - Land Irrigates by the system = 170,000 Hectares (419,900 Acres).
- Cost** : PKR 3,959.702 M (US\$ 40.16 M) 1 US\$ = 98.60 PKR
- Employing Agency** : M/s National Engineering Services Pakistan (Pvt.) Ltd. (NESPAK)
- Title of Position** : Principal Engineer/Head Structures
- Location of Assignment** : Lahore, Pakistan.
- Period of Assignment** : November 2018 to January 2020.
- Brief** : The Jalalpur Irrigation Canal system in Punjab, Pakistan, serves as a vital water management infrastructure supporting agricultural activities in the region. Originating from Rasool Headworks, Jhelum River near Jalalpur Jattan in Gujrat district, this canal system

distributes water across Gujrat, Mandi Bahauddin and Khushab districts through a network of distributaries, minors, and watercourses. The command area of the JIP is a long strip of land between the salt range hills to the north and the Jhelum River to the south. The project also involves installing high-efficiency irrigation systems, such as drip or sprinkler systems, to minimize water waste.

Key features of the Jalalpur Irrigation Canal system include hydraulic structures like weirs, regulators, and turnouts strategically placed along the canal network to regulate water flow and manage distribution effectively. Operated and maintained by the Punjab Irrigation Department, the system ensures equitable water distribution among farmers, thus enhancing agricultural productivity and livelihoods in the region.

Key Responsibilities

As a Resident Engineer/ Head Structures on “Jalalpur Irrigation Project” I played a pivotal role in ensuring the structural integrity, stability, and functionality of canal projects while addressing environmental concerns, managing risks, and complying with regulatory requirements, I holds several key responsibilities, including:

- Leading the design process for various structural components of the canal project, such as Headworks (intake structures, screens, gates, and sedimentation basins etc), Check Structures, Cross-Drainage Structures (culverts, bridges, Super passages, Aqueducts, Syphons, Outlets etc), Turnouts, Flumes (Open channels or structures), Regulators (Head-regulator, Cross-regulator etc.), Drop Structures (falls etc.), Escape Channels, Outlet Works, retaining walls and sluice gates. Ensuring that these structures are designed to withstand hydraulic forces, soil conditions, and environmental factors while conforming to relevant codes and standards.
- Assessing and ensuring the stability of the canal banks and embankments to prevent erosion, landslides, and other geotechnical hazards. This involves analyzing soil properties, hydraulic pressures, and slope stability to design appropriate reinforcement measures.
- Designing and overseeing the construction of hydraulic structures along the canal. Ensuring these structures effectively manage water flow, regulate water levels, and control sediment transport while minimizing environmental impact.
- Collaborating with project managers, civil engineers, hydrologists, and environmental specialists to develop comprehensive project plans and schedules. Coordinating structural design activities, resource allocation, and budget management to ensure timely and cost-effective project delivery.
- Incorporating environmental considerations into the structural design process to minimize the project's ecological footprint. This may involve implementing erosion control measures, preserving habitat, and mitigating potential impacts on water quality and biodiversity.
- Conducting risk assessments to identify and mitigate potential hazards and vulnerabilities associated with the canal project. This includes analyzing factors such as flood risk, seismic activity, and geotechnical instability to develop appropriate risk management strategies.
- Ensuring compliance with regulatory requirements and permits related to structural design, construction, and environmental impact assessments. Keeping abreast of local, national, and

international regulations governing canal projects and ensuring adherence throughout the project lifecycle.

- Implementing quality assurance measures to verify the accuracy and reliability of structural designs and construction activities. Conducting inspections, testing, and quality control checks to ensure that the canal structures meet specified standards and performance criteria.
- I also Offered comprehensive CAD supervision involves overseeing the meticulous development of construction drawings using computer-aided design (CAD) software. This process entails ensuring the accuracy, completeness, and adherence to standards of the drawings throughout their creation.

- **Project** : **Detailed Design of Kachhi Canal Project**
- Client** : Water and Power Development Authority (WAPDA).
- Type** : Irrigation Canal with Headworks, Cross-Drainage/ Drop/ Retaining Structures, Regulators, Escape Channels, Outlet Works etc.
- Measurement(s)** :
 - Main Canal Length = 499 KM.
 - Land Irrigates by system = 102,000 Hectares (251,940 Acres).
- Cost** : PKR 109,000 M (US\$ 1153.69 M) 1 US\$ = 94.48 PKR
- Employing Agency** : M/s National Engineering Services Pakistan (Pvt.) Ltd. (NESPAK)
- Title of Position** : Principal Engineer/Head Structures
- Location of Assignment** : Lahore, Pakistan.
- Period of Assignment** : September 2015 to November 2018.
- Brief** : The Kachhi Canal Project is a significant irrigation infrastructure initiative undertaken in Balochistan, Pakistan. Its primary objective is to provide irrigation water to approximately 72,000 hectares of land in the Balochistan while 30,000 hectares of land in punjab, thereby facilitating agricultural development and socio-economic upliftment in the region.
Originating from the Taunsa Barrage on the Indus River, the Kachhi Canal traverses through rugged terrain, including mountains and plains, before reaching its destination in Balochistan. The canal's construction involves various hydraulic structures such as headworks, regulators, cross-drainage works, and distribution channels to efficiently manage water flow and distribution. The project aims to alleviate water scarcity, enhance agricultural productivity, and improve livelihoods for the local populace, particularly farmers in the arid regions of Balochistan. Upon completion, it is expected to boost agricultural output, promote sustainable water management practices, and stimulate economic growth in the region.
Despite facing challenges such as geological complexities, funding constraints, and security issues, the Kachhi Canal Project represents a significant investment in water infrastructure aimed at addressing the water needs of Balochistan and fostering socio-economic development in the province.

Key Responsibilities

In my role as Principal Engineer/Resident Engineer for the "Kachhi Canal Project," I held a central position in safeguarding the structural robustness, stability, and operational efficiency of the canal system. My responsibilities encompassed a range of crucial tasks, including upholding environmental considerations, mitigating risks, and ensuring adherence to regulatory standards:

- Orchestrating the design process for a diverse array of structural components within the canal project, including Headworks (comprising intake structures, screens, gates, and sedimentation basins), Check Structures, Cross-Drainage Structures (such as culverts, bridges, Super passages, Aqueducts, Syphons, and Outlets), Turnouts, Flumes (both Open channels or structures), Regulators (comprising Head-regulator, Cross-regulator, etc.), Drop Structures (including falls), Escape Channels, Outlet Works, retaining walls, and sluice gates. Ensuring that these structures are meticulously crafted to withstand hydraulic forces, soil conditions, and environmental factors, all while adhering strictly to relevant codes and standards.
- Evaluating and guaranteeing the stability of canal banks and embankments to avert erosion, landslides, and other geotechnical hazards. This task involves scrutinizing soil properties, hydraulic pressures, and slope stability to devise and implement appropriate reinforcement measures.
- Spearheading the design and supervision of hydraulic structures along the canal route, ensuring their efficacy in managing water flow, regulating water levels, and controlling sediment transport, all while minimizing adverse environmental impacts.
- Collaborating closely with project managers, civil engineers, hydrologists, and environmental specialists to formulate comprehensive project blueprints and schedules. This entails coordinating structural design tasks, resource allocation, and budget management to ensure the timely and cost-effective delivery of the project.
- Integrating environmental considerations seamlessly into the structural design process to mitigate the project's ecological footprint. This may encompass the implementation of erosion control measures, habitat preservation initiatives, and strategies to minimize potential impacts on water quality and biodiversity.
- Undertaking rigorous risk assessments to identify and mitigate potential hazards and vulnerabilities inherent in the canal project. This involves scrutinizing factors such as flood risk, seismic activity, and geotechnical instability to devise effective risk management strategies.
- Ensuring meticulous compliance with regulatory requirements and permits pertaining to structural design, construction, and environmental impact assessments. This necessitates staying abreast of local, national, and international regulations governing canal projects and ensuring unwavering adherence throughout the project lifecycle.
- Implementing stringent quality assurance measures to validate the precision and reliability of structural designs and construction activities. This encompasses conducting meticulous inspections, testing procedures, and quality control checks to ascertain that the canal structures meet specified standards and performance criteria.
- Additionally, providing comprehensive oversight of Computer-Aided Design (CAD) activities, entailing meticulous supervision of the precise development of construction drawings through the utilization of sophisticated CAD software. This involves ensuring the accuracy, completeness, and strict adherence to standards of the drawings throughout their inception and refinement phases.

Name of Employing Agency : **M/s National Engineering Services Pakistan (Pvt.)**

Ltd. (NESPAK)

Title of Position : Senior Engineer/ ARE
Location of Assignment : Lahore, Pakistan
Period of Assignment : October 2013 to September 2015

Metro Bus System Rawalpindi-Islamabad, Bus Depot at Peshawar Morr, Islamabad.

The bus depot is key component of Metro Bus System Rawalpindi-Islamabad, it consists of different structures including traditional masonry structure, frame structure and pre-fabricated structural steel system.

I was involved in following activities at this project:

- Detailed seismic and dynamic analysis of different units (like Maintenance/Repair & Vehicle painting area including Wheel Repair/Balancing Auto Electric and Paint Shop, Washing area, Fuel station, administration block, Staff cafeteria, Mosque, Staff rest area, lockers rooms and toilets, gate and boundary wall.
- Developed tender documents with BoQ and engineer's estimate.
- Providing detailed CAD supervision for developing tender and construction drawings.

Feasibility study of Rehabilitation & Up gradation of Main Line (ML-1) of Pakistan Railways.

Under CPEC, Pakistan Railways prepared the feasibility study for Rehabilitation & Up gradation of Main Line (ML-1) of Pakistan Railways from Karachi to Peshawar, it consists of different structures including traditional masonry structure, frame structure, arch bridges and Structural Steel bridges.

I was involved in following activities at this project:

- Detailed seismic and dynamic analysis of different bridges (arch bridge, structural steel bridges etc.)
- Developed reports for each of the structure.
- Providing detailed CAD supervision for developing the drawings.

Sports Complex, Naroval.

This sports complex is one of the sports complexes developed at different location in Punjab. Established for organizing the international level events it consists of different structures including frame structure and pre-fabricated structural steel system.

I was involved in following activities at this project:

- Detailed seismic and dynamic analysis of different units (like cricket ground, hockey ground, football ground, gymnasium, swimming pool, clock tower, administration block, players's accommodation, OHWT, UGWT etc.)
- Developed tender documents with BoQ and engineer's estimate.
- Providing detailed CAD supervision for developing tender and construction drawings.

University of Engineer & Technology, Lahore, Naroval Campus.

UET Lahore has program to develop its campuses at different locations of Punajb. Naroval campus

Key Responsibilities

As a Senior Engineer / ARE for the "Balloki Barrage and Canal Head Regulators and Lower Bari Doab Canal Improvement project" I played a pivotal role in ensuring the structural integrity, stability, and operational efficiency of the both barrage and canal system. My duties included overseeing environmental considerations, managing risks, and ensuring compliance with regulatory standards, all of which were essential for the project's success:

- Orchestrating the design process for a diverse array of structural components within the canal project, including Shear/ Soldier Piles for Pylon & road de-tour protection at Balloki Barrage, Headworks (comprising intake structures, screens, gates, and sedimentation basins), Check Structures, Cross-Drainage Structures (such as culverts, bridges, Super passages, Aqueducts, Syphons, and Outlets), Turnouts, Flumes (both Open channels or structures), Regulators (comprising Head-regulator, Cross-regulator, etc.), Drop Structures (including falls), Escape Channels, Outlet Works, retaining walls, and sluice gates. Ensuring that these structures are meticulously crafted to withstand hydraulic forces, soil conditions, and environmental factors, all while adhering strictly to relevant codes and standards.
- Conducting detailed analyses of soil properties, hydraulic pressures, and other geotechnical factors to design appropriate reinforcement measures for canal banks, embankments, and other structural elements, aiming to prevent erosion, landslides, and other hazards.
- Overseeing the construction of hydraulic structures along the canal, ensuring they effectively manage water flow, regulate water levels, control sediment transport, and minimize environmental impact.
- Collaborating closely with project managers, civil engineers, hydrologists, and environmental specialists to develop comprehensive project plans and schedules, coordinating structural design activities, resource allocation, and budget management to ensure timely and cost-effective project delivery.
- Integrating environmental considerations into the structural design process to minimize the project's ecological footprint, implementing erosion control measures, habitat preservation initiatives, and strategies to mitigate potential impacts on water quality and biodiversity.
- Conducting thorough risk assessments to identify and mitigate potential hazards and vulnerabilities associated with the canal project, analyzing factors such as flood risk, seismic activity, and geotechnical instability to develop appropriate risk management strategies.
- Ensuring strict compliance with regulatory requirements and permits related to structural design, construction, and environmental impact assessments, staying updated on local, national, and international regulations governing canal projects, and ensuring adherence throughout the project lifecycle.
- Implementing robust quality assurance measures to verify the accuracy and reliability of structural designs and construction activities, conducting inspections, testing, and quality control checks to ensure that the canal structures meet specified standards and performance criteria.
- Additionally, providing comprehensive oversight of Computer-Aided Design (CAD) activities, entailing meticulous supervision of the precise development of construction drawings through the utilization of sophisticated CAD software. This involves ensuring the accuracy, completeness, and strict adherence to standards of the drawings throughout their inception and refinement phases.

- Coordinating the design process for a wide range of structural elements within the canal project, Headworks (encompassing divide wall, trustles, under-sluice, intake structures, screens, gates, and sedimentation basins), Check Structures, Cross-Drainage Structures (such as culverts, bridges, Super passages, Aqueducts, Syphons, and Outlets), Turnouts, Flumes (both Open channels or structures), Regulators (comprising Head-regulator, Cross-regulator, etc.), Drop Structures (including falls), Escape Channels, Outlet Works, retaining walls, and sluice gates. Ensuring meticulous design to withstand hydraulic forces, soil conditions, and environmental factors, while strictly adhering to relevant codes and standards.
- Performing in-depth analyses of soil properties, hydraulic pressures, and other geotechnical factors to develop suitable reinforcement measures for canal banks, embankments, and other structural elements, with the aim of mitigating erosion, landslides, and other hazards.
- Supervising the construction of hydraulic structures along the canal, ensuring effective water flow management, regulation of water levels, control of sediment transport, and minimal environmental impact.
- Collaborating closely with project managers, civil engineers, hydrologists, and environmental specialists to formulate comprehensive project plans and schedules, coordinating structural design tasks, resource allocation, and budget management to ensure timely and cost-effective project completion.
- Integrating environmental considerations into the structural design process to minimize the project's ecological footprint, implementing erosion control measures, preserving habitat, and employing strategies to mitigate potential impacts on water quality and biodiversity.
- Conducting thorough risk assessments to identify and address potential hazards and vulnerabilities associated with the canal project, analyzing factors such as flood risk, seismic activity, and geotechnical instability to develop appropriate risk management strategies.
- Ensuring strict compliance with regulatory requirements and permits related to structural design, construction, and environmental impact assessments, remaining abreast of local, national, and international regulations governing canal projects, and ensuring adherence throughout the project lifecycle.
- Implementing rigorous quality assurance measures to validate the accuracy and reliability of structural designs and construction activities, conducting inspections, testing, and quality control checks to ensure that the canal structures meet specified standards and performance criteria.
- Additionally, providing comprehensive oversight of Computer-Aided Design (CAD) activities, involving meticulous supervision of the precise development of construction drawings using advanced CAD software. This entails ensuring the accuracy, completeness, and strict adherence to standards of the drawings throughout their creation and refinement stages.

Name of Employing Agency : **M/s National Engineering Services Pakistan (Pvt.) Ltd. (NESPAK)**

Title of Position : Senior Engineer

Location of Assignment : Lahore, Pakistan

Period of Assignment : December 2005 to March 2010

Fatima Fertilizer Complex, Rahim Yar Khan.

This is the largest Fertilizer Complex ever constructed in private sector of Pakistan having capacity of 8100 MTPD, the Fatima Fertilizer Company is client of this project.

I was involved in following activities at this project:

- Detailed seismic and dynamic analysis of different units (like Nitric Acid Plant, Ammonia Plant, NPK Plant, NP Plant, Workshop, Warehouses, Utilities, Bagging, 32MW Power Plant, & Balance of Plant (BoP), Water Treatment Plant and Conveyor units etc.) of complex was carried out using STAAD Pro/SAP analysis and design softwares.
- Detailed Hydraulic analysis and design of different units (like Nitric Acid Plant, Ammonia Plant, NPK Plant, NP Plant, Workshop, Warehouses, Utilities, Bagging, 32MW Power Plant, & Balance of Plant (BoP), Water Treatment Plant and Conveyor units etc.) of complex.
- Providing detailed CAD supervision for developing construction drawings.

Federal Hospital for Women & Children Islamabad

7 to 9 stories Hospital Building covering more than 300,000 sq ft. area with international standard of services, the Pak PWD is client for this project.

I was involved in following activities at this project:

- Carried out analysis and design of above mentioned building/units using rigid diaphragm techniques with the help of International reputed analysis and design softwares like SAP 2000/ STAAD Pro.
- Carried out analysis and Hydraulic design of above mentioned building/units.
- Providing detailed CAD supervision for developing tender and construction drawings.
- Developing Bill of Quantities of structural elements.
- Design of Tower Foundation, Equipment Pad, Guard room, Boundary Wall/Fence.
- Design of Retaining Walls.

Cadet Collage, Okara.

Residential and academic complex of Cadet Collage Okara, the Pak PWD is client for this project.

I was involved in following activities at this project:

- Carried out analysis and design of above mentioned building/units using rigid diaphragm techniques with the help of International reputed analysis and design softwares like SAP 2000/ STAAD Pro.
- Providing detailed CAD supervision for developing tender and construction drawings.
- Developing Bill of Quantities of structural elements.
- Design of Tower Foundation, Equipment Pad, Guard room Pad, Boundary Wall/Fence.
- Design of Retaining Walls.

Name of Employing Agency : **M/s National Development Consultants (NDC)**
Title of Position : Resident Engineer/ Senior Structure Engineer
Location of Assignment : Lahore, Pakistan
Period of Assignment : September 2004 to November 2005

KEY PROJECTS with M/s National Development Consultants (NDC)

- **Rehabilitating Lower Chenab Canal System (Phase-I), Punjab, Pakistan.**

Main features of this project includes the Rehabilitation and design of Lower Chenab Canal System in most of the southern areas of Punjab, National Drainage Program, Government of Pakistan is client of this project.

I was involved in following activities at this project:

- To ensure alignment of sub surface drainage
- Site supervision of hydraulic structures like bridges, culverts, inlets and gabion work etc.
- Verification of bills provided by the contractor.
- Providing detailed CAD supervision for developing tender and construction drawings.
- Developing Bill of Quantities of structural elements.

- **Patfeeder Canal system, Phase-II.**

Main features of this project includes the construction of Patfeeder in Balochistan area of Pakistan, National Drainage Program, Government of Pakistan is client of this project.

I was involved in following activities at this project:

- To ensure alignment of sub surface drainage
- Site supervision of hydraulic structures like bridges, culverts, inlets and gabion work etc.
- Verification of bills provided by the contractor.
- Providing detailed CAD supervision for developing tender and construction drawings.
- Developing Bill of Quantities of structural elements.

Name of Employing Agency : **M/s Amir, Rizwan & Wasim (Pvt.) Limited**
Title of Position : Structural Engineer
Location of Assignment : Lahore, Punjab, Pakistan.
Period of Assignment : May 2002 to September 2004

I was involved in following activities at following projects:

- Structural Analysis and Design.
- Developed tender documents with BoQ and engineer's estimate.
- Providing CAD supervision for developing tender and construction drawings.

Key Projects

- Structural Design of Multi-Storied (Six Stories) Commercial Building at PIA Housing Scheme, Lahore. Covered Area: 33,000 sq ft.
- Structural Design of Multi-Storied (Eight Stories) Commercial Building at Sui Northern Officers Cooperative Housing Scheme, Lahore. Covered Area: 44,000 sq ft.
- Structural Design of Multi-Storied (Five Stories) Commercial Building at Bund Road, Lahore. Covered Area: 35,000 sq ft.
- Structural Design of Multi-Storied (Seven Stories) Commercial Building at Wahdat Road, Lahore. Covered Area: 48,000 sq ft.

- Structural Design of Multi-Storied (Ten Stories) Commercial Building at Rail Bazar, Faisalabad. Covered Area: 64,000 sq ft.
- Structural Design of Multi-Storied (Four Stories) Commercial Building at Peoples Colony, Faisalabad. Covered Area: 44,000 sq ft.
- Structural Design of Three Storied School/ Residential Building for Life Care Centre for Pakistan Rangers at Tajpura Scheme, Lahore. Covered Area: 64,000 sq ft.
- Structural Design of Nine Storied Al-Hamra Apartment Building for Habib Rafiq (Pvt.) Limited at Raiwind, Lahore. Covered Area: 125,000 sq ft.
- Structural Design of Seven Storied Hotel Building at Jail Road, Lahore. Covered Area: 20,000 sq ft.
- Structural Design of Six storied building of Medicare Trust Diagnostic Center & Maternity Home, at Chah Merian, Lahore. Covered Area: 47,000 sq ft.
- Structural Design of Three Storied Community Center/Hospital Building at Sharikpur, District Sheikhpura. Covered Area: 64,000 sq ft.

Name of Employing Agency : **M/s Iqbal, Uzair & Associates**
 Title of Position : Structural Engineer/ Site Engineer
 Location of Assignment : Lahore, Punjab, Pakistan.
 Period of Assignment : July 2000 to April 2002

I was involved in following activities at following projects:

- Structural Analysis and Design.
- Providing CAD supervision for developing tender and construction drawings.

Key Projects

- Structural Review, report and providing rehabilitation/retrofitting measures of different existing buildings (more than 14) of PTCL-OSS.
- Proposed Tannery Unit for Wet Blue Leather at Dubburji Malian for Sheikh of Sialkot, Daska Road, Sialkot, Covered Area: 29,000 sq ft.
- Proposed factory building for AS. Group of steel industries at Murade Kalan, Sharaqpur Road, Sheikhpura, Covered Area: 189,000 sq ft.
- Design of Dissolved Air Floatation (DAF) for Nishat Chunian DAF unit (Phase 1) 150m/hr at Nishat Chunian, Kasur.
- Evaluation/Vetting the Design of Main Production, Warehouse, Paint Shop for United Auto Industries at Bhai Pheru, Lahore. Covered Area: 110,000 sq ft.
- Design of Three Storied Building of Human Resource Development and Training Centre at University of Peshawar, Peshawar. Covered Area: 98,000 sq ft. Structural Design of Multi-Storied (Four Stories) Commercial Building at Peoples Colony, Faisalabad. Covered Area: 44,000 sq ft.
- Structural Design of Three Storied School/ Residential Building for Life Care Centre for Pakistan Rangers at Tajpura Scheme, Lahore. Covered Area: 64,000 sq ft.
- Structural Design of Nine Storied Al-Hamra Apartment Building for Habib Rafiq (Pvt.) Limited at Raiwind, Lahore. Covered Area: 125,000 sq ft.
- Structural Design of Seven Storied Hotel Building at Jail Road, Lahore. Covered Area: 20,000 sq ft.
- Structural Design of Six storied building of Medicare Trust Diagnostic Center & Maternity Home, at Chah Merian, Lahore. Covered Area: 47,000 sq ft.

CURRICULUM VITAE

Position of Title and No : Resident Engineer
Name : **Ijaz Hussain Farooqi**
Country of Citizenship/ : Pakistan
Residence :
Date & Place of Birth : 03-02-1949, Punjab, Pakistan
Nature of Input : Full Time
Religion : Islam
Domicile : Punjab, Pakistan
Nationality : Pakistan
Marital Status : Married
Profession : Civil Engineer
Present Employer : M/s Prism Technical Services
Present Position in Firm : General Manager Projects
Specialization in Firm : Structural Design
Year of Joining Firm : April 2022

PERSONAL OUTLINES

As a General Manager Projects, I bring over four decades of extensive experience in structural engineering, particularly in the design and rehabilitation of large-scale infrastructure projects. With a B.Sc. in Civil Engineering from the University of Engineering and Technology, Lahore, and additional training in FORTRAN programming and project management, my technical expertise is both broad and deep.

My professional journey began in the 1970s with hands-on roles such as Junior Engineer and Assistant Engineer, rapidly advancing to senior positions due to my dedication and proficiency. Over the years, I have taken on significant responsibilities, progressing from a Trainee Engineer at the Government of Punjab Building Department to roles such as Principal Engineer and Chief Engineer at NESPAK.

Throughout my career, I have been integral to numerous high-profile projects across Pakistan and internationally, including in Oman, Afghanistan, and Iraq. My role as a General Manager Projects on projects like the Bangala Weir in Afghanistan and the detailed structural design of 12 dams in Pakistan's FATA region highlights my capability to manage complex engineering tasks. I have overseen the structural integrity examinations and rehabilitations of major barrages, ensuring the sustainability and effectiveness of these critical infrastructures.

My tenure at NESPAK has been marked by significant leadership roles, including General Manager/Chief Engineer and Team Leader, where I managed comprehensive structural designs, supervised investigations, and coordinated detailed engineering tasks for various projects. Notable projects include the design and construction supervision of hydraulic structures in Oman, the Thal Canal Project in Pakistan, and the Ghazi Barotha Hydropower Project.

I am a member of several prestigious professional organizations, such as the Institute of Engineers Pakistan, the Pakistan Engineering Council, and the Pakistan Society of Earthquake Engineers (PAKSEE). These memberships reflect my ongoing commitment to professional development and staying abreast of the latest advancements in structural engineering.

My skills in structural analysis and design are complemented by my proficiency in project management and my ability to navigate the intricacies of large-scale projects. I am fluent in English and Urdu, which enhances my ability to work effectively in diverse international contexts. In summary, my career is characterized by a robust blend of technical expertise, project management acumen, and a commitment to sustainable and innovative engineering solutions. My extensive experience and dedication to the field equip me to tackle the most challenging structural engineering projects, contributing to the development of resilient and efficient infrastructure.

EDUCATION

Qualification	University / Institution	Year
B.Sc Civil Engineer	University of Engineering & Technology, Lahore	1972

Professional Courses / Training:

- Computer Course in FORTRAN Language.
- University of Engineering & Technology, Lahore
- PERT/CPM Course {Project Evaluation & Resources Technique using Critical Path Method}., Management Consultants Institute, Karachi

LANGUAGES

- Good communication skills in Urdu and English

SKILLS

- Communication skills
- Honesty, integrity and multitasking ability
- Conversant with Windows Operating System and Software.

EXPERIENCE

Name of Employing Agency	:	M/s Prism Technical Services
Title of Position	:	General Manager Projects/ Structural Engineer
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	April 2022 to To-date

I managed diverse tasks vital to the success of several projects. Allow me to delve into specific details regarding some notable responsibilities I undertook:

- Define project scope, goals, and deliverables
- Develop comprehensive project plans, including timelines, resource allocation, and budget estimates
- Ensure projects align with organizational goals and strategies
- Lead, mentor, and manage project teams, ensuring clear communication and effective collaboration

- Assign tasks and responsibilities to team members based on their skills and expertise
- Foster a positive and productive team environment
- Prepare and manage project budgets, ensuring projects are completed within financial constraints
- Allocate resources efficiently to optimize project outcomes
- Monitor and report on financial performance of projects
- Serve as the primary point of contact for clients, stakeholders, and senior management
- Regularly update stakeholders on project progress, challenges, and changes
- Address and resolve issues or concerns raised by stakeholders
- Identify potential risks and develop mitigation strategies
- Monitor project risks and implement corrective actions as necessary
- Resolve conflicts and issues that arise during project execution
- Ensure all project activities comply with industry standards, regulations, and company policies
- Implement quality control processes to ensure project deliverables meet required specifications
- Conduct regular project reviews and audits to ensure compliance and quality standards
- Track project performance against key performance indicators (KPIs)
- Prepare and present project status reports to senior management and stakeholders
- Analyze project outcomes and provide insights for future improvements
- Negotiate contracts with vendors, suppliers, and subcontractors
- Manage relationships with external partners to ensure timely and quality delivery of services
- Oversee procurement processes and ensure timely availability of necessary resources
- Contribute to the strategic planning and development of the organization
- Identify opportunities for process improvements and implement best practices
- Stay updated with industry trends and incorporate innovative solutions into projects
- Ensure all project activities adhere to HSE policies and regulations
- Promote a culture of safety and environmental responsibility within project teams
- Conduct regular HSE audits and implement corrective actions as needed
- Oversee and manage multiple projects simultaneously, ensuring they meet quality, budget, and schedule requirements.
- Lead project teams, including engineers, designers, and drafters, providing technical guidance and mentorship.
- Serve as the primary point of contact for clients, stakeholders, and contractors, maintaining strong professional relationships.
- Conduct detailed structural analysis and design for a variety of structures, including buildings, bridges, dams, and other infrastructures.
- Utilize advanced engineering software and tools to model, analyze, and design structural components.
- Ensure compliance with local, national, and international building codes and standards.
- Review and approve design calculations, drawings, and specifications prepared by junior engineers and design teams.
- Implement and maintain quality assurance processes to ensure all deliverables meet the firm's and clients' standards.

- Conduct peer reviews and audits of design work to ensure technical accuracy and completeness.
- Collaborate with clients to understand their needs, objectives, and constraints, and develop tailored engineering solutions.
- Prepare and deliver technical presentations and reports to clients and stakeholders, explaining design concepts, progress, and outcomes.
- Provide expert advice and recommendations on structural matters during project planning, design, and construction phases.
- Allocate and manage resources, including personnel, materials, and equipment, to ensure project efficiency and effectiveness.
- Develop and monitor project budgets, schedules, and work plans, adjusting as necessary to meet project goals.
- Ensure that all structural designs adhere to relevant safety regulations and industry standards.
- Stay updated with the latest advancements in structural engineering, materials, and construction methods to incorporate best practices into projects.
- Mentor and train junior engineers, fostering their professional growth and development within the firm.
- Encourage continuous learning and development among the team, promoting a culture of innovation and excellence.
- Assist in business development activities, including preparing proposals, bids, and presentations to secure new projects.
- Identify and pursue opportunities for expanding the firm's services and capabilities in structural engineering.
- Work closely with other engineering disciplines, architects, planners, and construction teams to ensure integrated and cohesive project delivery.
- Facilitate effective communication and coordination across all project participants to achieve optimal outcomes.
- Advocate for and implement sustainable design practices in structural engineering projects.
- Explore and apply innovative technologies and methods to enhance the efficiency, sustainability, and resilience of structural designs.

Key Projects

Project / Job	: Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.
Client	: Capital Development Authority (CDA).
Type	: Multistoried Building (11 Stories).
Measurement	: Covered Area: 1,219,688 SFT Plot Area: 270,224 SFT
Cost:	: 7562 M
Brief	: The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224

square feet.

Designed with meticulous attention to detail, the center is meticulously tailored to meet the diverse needs of legal professionals and litigants alike. Within its confines, one can find meticulously crafted spaces, including dedicated offices for lawyers, comfortable waiting areas for litigants, serene rest zones, inviting common rooms, and convenient tuck shops offering refreshments

Moreover, the center is equipped with a plethora of amenities aimed at enhancing user experience and convenience. From comprehensive parking facilities ensuring hassle-free access to a well-planned road network facilitating seamless connectivity, every aspect has been carefully considered. Additionally, a robust sewerage system and innovative rainwater collection chambers underscore the commitment to sustainability and environmental responsibility.

- Project / Job : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**
- Client : Punjab Irrigation Department.
- Type : Multistoried Buildings (04 Stories).
- Measurement : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
- Cost: : 744 M
- Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
- Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering ample space for academic pursuits, accommodation, and communal activities. The New Campus of Government Academy Punjab GEAP stands as a testament to the state's commitment to education and infrastructure development, poised to foster learning and innovation in a conducive environment.

- Project / Job : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
- Client : Punjab School System, Lahore.
- Type : Multistoried Buildings (05 Stories).
- Measurement : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT
- Cost: : 1494 M

Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities.

The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single, cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

Furthermore, the campus prioritizes convenience by offering ample parking facilities equipped with parking sheds to accommodate the needs of students, staff, and visitors alike. This holistic approach to education infrastructure underscores the Punjab School System's commitment to fostering excellence in education while ensuring a comfortable and enriching experience for all stakeholders.

Name of Employing Agency : **National Engineering Services Pakistan (Pvt) Limited
NESPAK Foundation**

From : Feb, 2009 – April, 2022

Title of Position : Team Leader Structural Design

From : Feb, 1999 – Jan, 2009

Title of Position : General Manager/Chief Engineer/Team Leader

From : 1997 – Jan, 1999

Title of Position : Principal Engineer (NESPAK-NDC Joint Venture)

From : Aug, 1997 – Oct, 1997

Title of Position : Principal Bridge Engineer (PC-Japan MOUCHEL England,
NESPAK. Engg. Associate)

From : 1996 – 1997

Title of Position : Principal Engineer

From : Jan, 1995 – Sep, 1995

Title of Position : Principal Engineer

From : 1992 – 1994

Title of Position : Principal Engineer

From : 1990 – 1992

Title of Position : Principal Engineer (Pakistan Hydro-Consultant PHC- JV)

From : 1988 – 1990
 Title of Position : Principal Engineer
 From : 1982 – 1988
 Title of Position : Senior Engineer/ Principal Engineer (Kalabagh Consultants -Joint Venture of Binnie & Partner England, Harza U.S.A, PCR England, ACE Pakistan and NESPAK)
 From : 1976 – 1981
 Title of Position : Senior Engineer
 From : 1974 – 1976
 Title of Position : Junior Engineer
 From : 1974 – 1974
 Title of Position : Trainee Engineer

Elaborating on some of the key activities I performed during my tenure at Groves Interiors:

- Provided expert advice on structural engineering projects.
- Supervised and reviewed structural designs and project deliverables.
- Coordinated with clients and stakeholders to ensure project requirements were met.
- Managed large-scale projects, overseeing all engineering and design activities.
- Led engineering teams, providing technical guidance and ensuring project milestones were achieved.
- Coordinated multidisciplinary teams and ensured adherence to safety regulations and codes.
- Principal Engineer for the design and analysis of critical infrastructure projects.
- Principal Bridge Engineer, overseeing the structural design and integrity of bridges.
- Responsible for structural design and project supervision.
- Supervised the design and construction of hydraulic structures and civil works.
- Conducted structural analysis and prepared detailed design documentation.
- Managed structural design projects, focusing on rehabilitation and upgrading of infrastructure.
- Organized and supervised necessary structural investigations.
- Led structural design and analysis for hydropower and irrigation projects.
- Designed and planned structural components for large-scale dam projects.
- Prepared tender documents and construction drawings.
- Designed and planned civil works for major power station and irrigation projects.
- Supervised the preparation of construction drawings and structural designs.
- Assisted in the design and planning of various engineering projects.
- Prepared detailed construction drawings and design specifications.
- Gained practical experience in civil engineering projects.
- Assisted senior engineers in design and construction supervision.
- Managed site supervision and construction activities for building projects.
- Supervised the construction of civil engineering projects.

- Designed the main weir, head regulators, and associated structures.
- Led the structural design of overflow weirs, semi-gravity retaining walls, and intake structures.
- Directed structural design of intake structures, head regulators, outlet structures, and associated irrigation network structures.
- Planned, designed, and prepared construction drawings for the rehabilitation of canal structures.
- Conducted feasibility studies, tender stage analysis, and design for various components, including barrages and powerhouses.
- Analyzed, designed, and prepared construction drawings for power house units, tunnel steel linings, and associated structures.
- Reviewed and designed structures related to the irrigation network.
- Designed and planned structural work for the dam, including spillways and power stations.
- Designed and planned civil works for the power station extension and hydraulic structures for irrigation schemes.

Key Projects

Project / Job : **Design of Bangala Weir and its Appurtenant Structures, Balkh River Integrated Water Resources Management Project, Afghanistan**

Client : BRIWRMP

Type : Hydraulic Design

Brief : The Bangala Weir and its Appurtenant Structures project was a significant endeavor within the Balkh River Integrated Water Resources Management Project in Afghanistan. This project aimed to enhance water management and resource utilization along the Balkh River, contributing to sustainable development and improved livelihoods in the region.

The Bangala Weir served as a pivotal component of the project, designed to regulate water flow, facilitate irrigation, and manage water resources effectively. Its appurtenant structures complemented the weir, comprising head regulators, under sluices, divide walls, and semi-gravity reinforced concrete abutment walls, among others.

Led by a team of engineers and experts, the project involved meticulous planning, analysis, and design to ensure the structural integrity and functionality of the Bangala Weir and its associated structures. Considerations such as hydraulic efficiency, structural stability, and environmental impact were paramount throughout the design process.

The successful implementation of the Bangala Weir and its appurtenant structures significantly contributed to the enhancement of agricultural productivity, the availability of water resources, and overall socio-economic development in

the Balkh River basin. Moreover, it represented a vital step towards sustainable water management and infrastructure development in Afghanistan, addressing the region's growing water needs while fostering resilience to climate change and variability.

Project / Job : **Detailed Design and Construction of Hydraulic Structure (Weir) at Wadi Darbat in Dhofar Region, Sultanate of Oman.**

Client : Ministry of Regional Municipalities, Environment and Resources Sultanate of Oman.

Type : Hydraulic Structural Design

Brief : The project entails the detailed design and construction of a hydraulic structure (weir) at Wadi Darbat in the Dhofar Region, Sultanate of Oman, with the aim of optimizing water management in the area. This structure will regulate water flow, mitigate flooding, and facilitate irrigation activities, thereby promoting agricultural development and environmental conservation. Integral components include the weir itself, a retention basin for water storage during peak flow periods, and associated infrastructure like access roads and drainage systems. Through comprehensive engineering surveys, design planning, and adherence to environmental and safety standards, the project seeks to ensure sustainable water resource management, mitigate flood risks, and enhance agricultural productivity while preserving the ecological balance of the Wadi Darbat ecosystem.

Project / Job : **Mangla Dam Project.**

Client : WAPDA

Type : Structural Design

Brief : The Mangla Dam Extension Project, spanning from 1988 to 1990, aimed to enhance the power generation capacity of the existing infrastructure. Focused on Units 9 & 10, each capable of generating 100 MW, the project involved extensive civil engineering works. Key objectives included expanding the dam's energy output while ensuring the structural integrity and operational efficiency of the new units. The inclusion of steel lining for the tunnel was crucial for optimizing water flow and mitigating erosion risks. By reviewing designs and overseeing construction, the project aimed to contribute to the reliable and sustainable

generation of electricity, supporting regional development and economic growth.

During the Mangla Dam Project from 1988 to 1990, my role encompassed the extension project's Civil Engineering Works for Units 9 & 10, each generating 100 MW. This involved a comprehensive scope of tasks, including the meticulous analysis, design, and preparation of construction drawings for various critical components. Among these were the power house, switchyard, and tunnel steel lining, crucial for ensuring the project's functionality and longevity. Additionally, I undertook the review of designs and drawings submitted by the manufacturer, SKODA, ensuring alignment with project specifications and regulatory standards. This project demanded a keen attention to detail and adherence to stringent engineering principles to deliver infrastructure that met the project's energy generation objectives efficiently and reliably.

Project / Job : **Kalabagh Dam Project**
Client : WAPDA
Type : Hydraulic Structural Design
Brief : The Kalabagh Dam Project involved comprehensive design and planning activities aimed at developing the structural framework necessary for the dam's construction. This included the meticulous preparation and modification of tender documents and drawings for various critical components such as spillways, the power station, diversion channels, convertible conduits, gas insulated switchgear yard structures, and the cable tunnel. Additionally, I was involved in preparing tender designs, specifications, and drawings for the extension of Sets 9 & 10 at the Mangla Hydroelectric Power Station, which included tunnel steel lining to optimize water flow efficiency. Furthermore, my responsibilities extended to diverse assignments encompassing design and review work on notable projects like the Zubair Irrigation Project in Iraq, the Akra Kaur Dam, and the Tarbela Dam in Pakistan. Additionally, I contributed to identifying suitable locations for suspension bridges and supervised the construction of a 500 KV transmission line between Guddu and Jamshoro. These endeavors collectively aimed to ensure the successful implementation of vital infrastructure projects, facilitating sustainable development and enhancing regional connectivity and energy security.

Project / Job : **Thal Canal Project**
Client : Irrigation & Power Dept., Govt. of Punjab
Type : Irrigation
Brief : The Thal Canal Project is a vital initiative aimed at enhancing irrigation capabilities and facilitating agricultural development in the Mianwali District. By strategically planning and designing the rehabilitation of existing bridges and structures while incorporating new infrastructure along the canal route, the project seeks to optimize water distribution for agricultural purposes. Through meticulous construction drawings and Bills of Quantities (B.O.Q.), the project aims to ensure the efficient implementation of rehabilitation efforts and the construction of new canal structures. Ultimately, the Thal Canal Project endeavors to bolster agricultural productivity, promote sustainable development, and improve livelihoods in the Mianwali District and surrounding areas.

Name of Employing Agency : **Government of Punjab Building Department**
Title of Position : Assistant Engineer
Location of Assignment : Lahore, Pakistan
Period of Assignment : 1973 - 1974

Elaborating on some of the key activities I performed during my tenure at Government of Punjab Building Department:

- Assisted senior engineers in various stages of project planning and execution.
- Conducted site inspections and surveys to gather data for engineering projects.
- Prepared technical drawings, specifications, and reports under the supervision of senior engineers.
- Assisted in the analysis of engineering problems and proposed solutions.
- Participated in project meetings and provided support in project coordination activities.
- Reviewed construction plans and ensured compliance with building codes and regulations.
- Assisted in the supervision of construction activities to ensure quality and safety standards were met.
- Collaborated with other departments and external stakeholders on engineering projects.
- Maintained records and documentation related to engineering projects and activities.

Name of Employing Agency : **Builders Associates Ltd.**
Title of Position : Resident Civil Engineer
Location of Assignment : Lahore, Pakistan

Period of Assignment : 1972 to 1973

Elaborating on some of the key activities I performed during my tenure at Builders Associates Ltd:

- Managed day-to-day construction activities on-site, overseeing progress and ensuring adherence to project schedules.
- Coordinated with subcontractors, suppliers, and construction workers to facilitate smooth workflow and resolve any issues promptly.
- Conducted regular site inspections to monitor construction quality, safety standards, and compliance with specifications and regulations.
- Reviewed and approved construction plans, drawings, and specifications, ensuring alignment with project requirements.
- Provided technical guidance and support to construction teams, addressing any technical queries or challenges that arose during construction.
- Liaised with project stakeholders, including clients, architects, and regulatory authorities, to provide updates on project progress and address any concerns.
- Prepared progress reports, documentation, and records related to construction activities, maintaining accurate project records.
- Implemented quality control measures to ensure that construction materials and workmanship met project standards and specifications.
- Managed budgetary and cost control aspects of construction projects, monitoring expenses and identifying areas for cost optimization.
- Acted as a liaison between the construction site and the project management team, communicating project updates and requirements effectively.

PROFESSIONAL AFFILIATIONS

- Member Pakistan Engineering Council
- Member Pakistan Society of Earthquake Engineers (PAKSEE)

CURRICULUM VITAE

1. **The Discipline/ Expertise:** Electrical Engineer
2. **Name of the Firm:** Hike Engineering Consultants
3. **Name of Nominee:** LIAQAT ALI MIRZA
4. **Date of Birth:** 06/06/1951
5. **Years with the Firm:** 3 Years
6. **Nationality:** Pakistan
7. **PEC Registration/ Membership No.:** ELECT/11620

8. Key Qualifications:

Electrical Engineer from UET Lahore with 47 years of experience in design, erection, commissioning and supervision of Substations. Having experience in LV, MV, HV, EHV system and is self-assured that my skills and my previous experience are a perfect match for the areas of engineering/automation and energy assignments. I have working strength in electrical engineering

with focus in: Engineering Design activities, Operational Electrical, Electronics, Automation/Controls., Earthling systems performance testing. Substation lighting system design and installation testing.

I have worked in Lahmeyer International, Abu Dhabi, ZALCO Industries, Pakistan, Saudi Consolidated

Electric Co., Saudi Arabia and in WAPDA

9. Academic Qualification:

Qualification	University / Institution	Specialization	Year
BSc Engineering	University of Engineering & Technology	Electrical Engineering	1975

10. Employment Record:

Name of Employing Agency : **M/s Hike Engineering Consultants.**

Title of Position : General Manager (Projects)/ Principal Engineer (Electrical Design)
Location of Assignment : Lahore, Pakistan
Period of Assignment : July 2023 to-date

I performed the following activities at different projects, key projects are explained as follows:

- ▶ Supervision of erection and commissioning works at substations.
- ▶ Processing of approval of engineering documents of substations.
- ▶ Detailed Power & Electrical Design.
- ▶ Developed tender documents with BoQ and engineer's estimate and supplying rate analysis if required.
- ▶ To attend and to co-ordinate during system faults at different substations.
- ▶ Multi-Storied (11 Storied) Building "Litigants Facilitation Center" adjacent Islamabad High Court, Islamabad, this project has covered area more than 1,219,688 SFT.

Name of Employing Agency : **M/s LAHMEYER INTERNATIONAL GMBH, Consulting Engineers, Abu Dhabi - U.A.E**
Title of Position : Resident Engineer (Electrical)
Location of Assignment : Abu Dhabi - U.A.E
Period of Assignment : December 1996 to November 2018

I performed the following activities at different projects, key projects are explained as follows:

- ▶ Supervision of erection and commissioning works at substations.
- ▶ Processing of approval of engineering documents of substations.
- ▶ Detailed Power & Electrical Design.
- ▶ Developed tender documents with BoQ and engineer's estimate and supplying rate analysis if required.

- ▶ To attend and to co-ordinate during system faults at different substations.

Key Projects

Contract No. WED/PD/SS-804

Bulk Power Transfer to the Island of Abu Dhabi - (Stage III)

Installation and Commissioning of 132 kV/11 kV Substations E11 & W59 and New Equipment at

Existing E15 and New Airport Substations

Contract No. WED/PJ/S-INST/897/97

Interconnection of Abu Dhabi Area and Western Area Power Networks

Extension of 220 kV Gridstation at Shahama East

Contract No. WED/PD/AD/S-INST/SS-248/98

400 kV Interconnection between Abu Dhabi and Taweelah Power Plants

Lot 2A - 400/132 kV Gridstation at ADPS

VO2 - Additional 140 MVA, 220/33 kV Power Transformer and related
Extension Works at 220 kV Grid Station Shahama
East

VO3 - Additional 33 kV Cable / OHL Feeder and related
Extension Works at 220 kV Grid Station Shahama
East

Contract No. WED/PD/AD/S-INST/SS-250/98

400 kV Interconnection between Abu Dhabi and Taweelah Power Plants

Lot 2B3 - Modification & Extension of 132/11 kV Substation at E9

Contract Nos. N-99-0171, N-00-0301 and N-01-0181

Extension of Gridstations

lot 2B1 - Extension of 400/132 kV Gridstation at
ADPS lot 2B3 - Extension of 220/132 kV Gridstation
at E48 lot 2B2- Extension of 400/220 kV Gridstation at
Al Dahma Lot 1 - 220 kV OHL Bays at Al Dahma
Contract No. N-99-0212

Reinforcement of 220 kV Grid in Abu Dhabi

Area Lot 1 - 220/33/11 kV Substation Samha

Contract Nos. N-00-0327 and N-01-0059

400/220 kV Interconnection Al Ain South West

Lot 1 - 400/220/33 kV Grid station at Al Ain South West

Lot 3 - SVC at Al Ain South West

Contract No. N2256H

Interconnection of ADCO/TRANSCO Power Networks

Lot 1A2 - New 220kV Gridstation at Bab

Lot 1A3 - New 220kV Gridstation at Bu Hasa

Contract No. N-5797

POWER NETWORK DEVELOPMENT WORKS FOR YAS

ISLAND Lot 1 - 132/22 kV Substation at Yas

Island Contract No. N-5796

POWER NETWORK DEVELOPMENT WORKS FOR YAS ISLAND

Lot 5 - 132/11 kV Mobile Stations

Contract No. N-4218.1

New 400kV Gridstation and 132/22 kV Primary Substation at Al Reem Island and Associated
400 kV Cable Works

Lot 1 – Substation Works

Contract No. N-4914

Three (3) New 132/22 kV Substations at Reem Island and Associated

132 kV Cable Connections

Lot 1A - Three (3) New 132/22 kV Substations at Reem Island Contract No. N-7204.1E

Lot 1E - Supply and Installation of 132/22kV Substation for Al Falah Development

Contract Nos. N-5398A (Lot1B) & N-5398B (Lot1B)

400 kV ADST Extension by 1 New Cable

Feeder and Conversion of 4 Nos. of

Existing OHL Feeders in Cable Feeders

Contract: N-7204.1D

Supply and Installation of 132/11 kV Substation in Presidential Palace

– Lot 1D Contract: N-7204.1A

Supply and Installation of 132/11kV Substation in Mussafah (M-12)

- Lot 1A Contract: N-7204.1C

Supply and Installation of 132/11kV Substation at E25/02 Sector - Lot 1C

Contract: N-7204.1B

Supply and Installation of 132/11kV Substation at Z16 (Lot 1B)

Name of Employing Agency : **M/s ZALCO Industries, Pakistan**
Title of Position : General Manager
Location of Assignment : Faisalabad, Pakistan
Period of Assignment : March 1989 to October 1996

I performed the following activities at different projects, key projects are explained as follows:

- ▶ Co-ordination among sale/purchase section, production section and administration section of the company.
- ▶ Business meetings with the clients covering all the technical discussions/specifications and contract matters.

Name of Employing Agency : **M/s Saudi Consolidated Electric Co., (SCECO**
Title of Position : Protection/Commissioning Engineer
Location of Assignment : Riyadh, Kingdom of Saudi Arabia
Period of Assignment : April 1981 to November 1989

Responsibilities

- Commissioning and testing of 13.8 kV, 33 kV, 132 kV and 380 kV Substations. In this regard worked with multi-national organization like M&G, BBC, ASEA, TOSHIBA and MITSUBISHI.
- Routine Protection maintenance including relay testing/calibrations for high voltage lines, power transformers and Bus-Sections. Also doing maintenance jobs for control circuits on the Relay and control panels. It includes fault locations, repair, modification and re- commissioning of the system.
- Relay maintenance job for the faulty relays in departmental testing lab.
- Commissioning of all protection alarms/indications with ECC (SCADA System)

- Relay settings application on different relays in the substations.
- Writing purchase requisition with complete technical specifications on SCECO/ International Standards. Analysing the quotation and issuing instructions to material/purchase department for placing the order.
- Training the Engineer/Staff for the Protection testing/operations on 13.8 kV, 33 kV and 132 kV Transmission and distribution system.
- Senior Authorised Engineer for switching/operations issuing and cancelling safety documents upto and including 132 kV system.
- Commissioning and Testing of 13.8 kV, 33 kV, 132 kV and 380 kV Substations. In this regard worked with multi-national organization like M&G, BBC, ASEA, TOSHIBA and MITSUBISHI.

Name of Employing Agency : **M/s Water & Power Development Authority, Pakistan (WAPDA).**

Title of Position : Protection Design Engineer

Location of Assignment : Wapda House, Pakistan

Period of Assignment : April 1975 to September 1981

Responsibilities

- Relay setting calculations for 66 kV, 132 kV, 220 kV and 500 kV lines/substations.
- Preparation of AC schematic and DC schematic (control circuits) diagrams for 132 kV, 220 kV substations.
- Preparation of fault analysis reports for different faults in the high voltage networks.
- Preparation of detailed reports for the improvements of existing protection systems in WAPDA Networks.

11. Languages and Proficiency:

Urdu	Mothertongue		
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent
Arabic	Good	Good	Good

CURRICULUM VITAE

Position of Title and No	:	Resident Engineer
Name	:	MUHAMMAD TUFAIL
Father's Name	:	GHULAM QADIR
Country of Citizenship/ Residence	:	Pakistan
Nature of Input	:	Full Time
Date & Place of Birth	:	12-04-1966, (Punjab), Pakistan
Religion	:	Islam
Domicile	:	District Kahnewal, Punjab, Pakistan
Nationality	:	Pakistan
Marital Status	:	Married
PEC Number	:	CIVIL/13276
Profession	:	Civil Engineer
Present Employer	:	M/s Hike Engineering Consultants
Present Position in Firm	:	Resident Engineer
Specialization in Firm	:	Structural Engineering
Year of Joining Firm	:	April 2022

PERSONAL OUTLINES

As a seasoned civil engineer with over 28 years of professional experience, I am deeply committed to leveraging my expertise to contribute to challenging projects and pursue continuous growth and development in my career. My journey in the engineering field began with a strong educational foundation, including a Bachelor's degree in Civil Engineering from U.E.T Lahore.

Throughout my career, I have demonstrated exceptional skills in project management, structural engineering, and construction supervision, working on a diverse range of projects spanning residential, commercial, and industrial sectors. I have a proven track record of successfully managing projects from inception to completion, ensuring adherence to quality standards, timelines, and budgetary constraints.

In my current role as Resident Engineer/Structural Engineer at M/s Hike Engineering Consultants, I have been involved in key projects such as the construction of residential units, multi-storied buildings, and structural stability reviews. My responsibilities include overseeing project progress, conducting structural design calculations, and ensuring compliance with engineering standards and regulations.

Prior to this, I held positions such as Civil Engineer at CDL FOODS Ltd., Project Coordinator/Resident Engineer at MMP "MM Pakistan (Pvt.) Ltd.," and Project Director at Punjab Land Development Company (PLDC), where I gained valuable experience in project coordination, proposal preparation, and contract management.

My professional journey also includes roles as Manager Projects at Elite Engineering (Pvt) Ltd, Resident Engineer at Associated Consulting Engineers ACE (Pvt) Ltd, and Project Director at Yazdan Engineering Services Lahore, where I was responsible for overseeing the execution of civil and mechanical works, managing project progress, and ensuring safety and quality standards.

EDUCATION

Qualification	University / Institution	Year
B.S.C (Civil Engineering)	U.E.T Lahore	1991
F.SC (Pre-Eng)	Multan Board	1984
Matriculation	Multan Board	1982

Professional Courses / Training:

➤ **Staff Development Program**

Different short-term trainings as Project Management, Negotiation Skill and Non-Verbal Communication, etc.

➤ **Computer**

Short course on MS Office

➤ **English**

English Proficiency Short Course

MEMBERSHIP IN PROFESSIONAL ASSOCIATION AND PUBLICATIONS:

Pakistan Engineering Council, PEC Number: **CIVIL/13276**

LANGUAGES

- Good communication skills in Urdu and English
- Proficient in writing official drafts in English and Urdu
- Proficient in Saraiki and Punjabi

SKILLS

- Good communication and negotiating skills
- Honesty, integrity and multitasking ability
- Conversant with Windows Operating System – MS Office, Login System, Internet.

EXPERIENCE

Name of Employing Agency	:	M/s Hike Engineering Consultants
Title of Position	:	Resident Engineer
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	April 2022 to To-date

I managed diverse tasks vital to the success of several projects. Allow me to delve into specific details regarding some notable responsibilities I undertook:

- Overseeing the execution and ensuring the structural integrity of residential units across

various locations and societies.

- Directing the construction process of an 11-story multistoried building situated in close proximity to a legal institution.
- Conducting comprehensive reviews of structure stability for a textile company located in a specific industrial area.
- Performing intricate structure design calculations for numerous commercial buildings within a designated zone.
- Collaborating closely with architects, contractors, and subcontractors to align project execution with design specifications and objectives.
- Monitoring construction activities diligently to maintain high-quality standards and adherence to project timelines.
- Coordinating with stakeholders to address technical complexities and ensure seamless project progression.
- Ensuring strict compliance with local building codes, regulations, and industry standards throughout the construction process.
- Providing regular updates on project advancement and promptly addressing any construction-related challenges or issues as they arise.
- . Leading a team of engineers and technicians in the implementation of construction plans and procedures.
- Conducting regular site inspections to assess progress, identify potential risks, and ensure safety protocols are followed.
- Reviewing and approving structural drawings, specifications, and materials to guarantee compliance with project requirements.
- Collaborating with structural designers and architects to resolve design discrepancies and optimize structural performance.
- Managing project documentation, including drawings, reports, and correspondence, to maintain accurate records of project activities.
- Participating in meetings with clients, contractors, and regulatory authorities to discuss project updates, resolve issues, and address concerns.
- Providing technical guidance and support to construction personnel to facilitate efficient and effective project execution.
- Conducting structural analysis and simulations to assess the impact of design changes and optimize structural efficiency.
- Developing and implementing quality assurance and quality control measures to ensure the structural integrity and durability of constructed buildings.
- Contributing to the development of cost estimates, budgets, and schedules for construction projects and monitoring project expenditures to ensure financial objectives are met.
- Overseeing the coordination of structural construction activities with other trades to ensure seamless integration and timely completion of the project.

- Conducting regular meetings with subcontractors and suppliers to review progress, address issues, and coordinate deliveries of materials and equipment.
- Implementing and enforcing construction standards, codes, and regulations to maintain compliance with legal requirements and industry best practices.
- Responding promptly to RFIs (Requests for Information) and providing clear and concise solutions to construction-related queries.
- Managing the resolution of structural-related issues and conflicts that arise during the construction process, working collaboratively with stakeholders to find practical solutions.
- Monitoring and evaluating the performance of subcontractors and vendors to ensure workmanship meets quality standards and contractual obligations.
- Identifying opportunities for process improvement and implementing corrective actions to enhance efficiency and productivity.
- Conducting structural inspections and assessments during different phases of construction to verify compliance with design specifications and safety standards.
- Providing regular progress reports to project management and stakeholders, highlighting milestones achieved, challenges encountered, and proposed corrective actions.
- Developing and maintaining strong working relationships with project team members, subcontractors, and clients to foster a positive and collaborative work environment.
- Continuously updating knowledge of industry trends, advancements in structural engineering technology, and regulatory changes to stay informed and improve professional expertise.

Key Projects

Project / Job	:	Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.
Client	:	Capital Development Authority (CDA).
Type	:	Multistoried Building (11 Stories).
Measurement	:	Covered Area: 1,219,688 SFT Plot Area: 270,224 SFT
Cost:	:	7562 M
Brief	:	The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224 square feet.
Project / Job	:	New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.
Client	:	Punjab Irrigation Department.

Type : Multistoried Buildings (04 Stories).
 Measurement : Covered Area: 99,187 SFT
 Plot Area: 75,000 SFT
 Cost: : 744 M
 Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.

Project / Job : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
 Client : Punjab School System, Lahore.
 Type : Multistoried Buildings (05 Stories).
 Measurement : Covered Area: 293,074 SFT
 Plot Area: 234,000 SFT
 Cost: : 1494 M
 Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single, cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

EXPERIENCE

Name of Employing Agency : **CDL FOODS Ltd**
 Title of Position : CIVIL ENGINEER
 Location of Assignment : Lahore, Pakistan
 Period of Assignment : May 31, 1995 to March 14, 2000

I managed diverse tasks vital to the success of several projects. Allow me to delve into specific details

regarding some notable responsibilities I undertook:

- Conducted site inspections, monitored construction activities, and ensured compliance with relevant safety regulations and quality standards, prioritizing the well-being of personnel and the integrity of project deliverables.
- Communicated effectively with team members, supervisors, and other stakeholders, providing regular updates, sharing insights, and addressing concerns to facilitate smooth project execution and stakeholder satisfaction.
- Demonstrated adaptability and versatility in handling diverse tasks and responsibilities as assigned, showcasing a proactive and results-oriented approach to fulfilling job duties.
- Developed and implemented strategies to optimize operational efficiency and resource utilization within the civil engineering department, contributing to cost savings and improved productivity.
- Participated in the design and implementation of infrastructure upgrades and expansions, ensuring alignment with organizational objectives and regulatory requirements.
- Conducted feasibility studies and cost-benefit analyses for proposed engineering projects, providing valuable insights to inform decision-making and resource allocation.

Key Project

Project / Job	:	Industrial Buildings at CDL Foods Limited
Client	:	CDL Foods Limited
Positions	:	Civil Engineer
Location	:	Mangla Cantt
Type	:	Construction Works
Brief	:	Construction and reconstruction of roads and civil infrastructure, Upgrades to sewerage and drainage systems
Name of Employing Agency	:	MMP “MM Pakistan (Pvt.) Ltd
Title of Position	:	Project Coordinator/ Resident Engineer
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	July 2006 to April 2022

Elaborating on some of the key activities I performed during my tenure at MMP:

- Inspecting textile mills with MML (MM Pakistan (Pvt.) Ltd.) to assess structural integrity and compliance with safety regulations.
- Preparation of project proposals in response to Requests for Proposals (RFPs) published in newspapers, demonstrating expertise in project management and coordination.
- Preparation of Project Concept Papers (PCs) for the 16 Cities project of PMDFC, Government of Punjab, outlining project scope, objectives, and implementation strategies.
- Serving as a Senior Estimation Engineer for the Punjab Cities Program (PCP) under the Punjab Municipal Development Fund Company, responsible for accurately estimating project costs and resource requirements.
- Acting as Resident Engineer for Package-I of the PCP, overseeing rehabilitation and

construction projects in Daska, Wazirabad, and Jhelum.

- Managing the rehabilitation of a damaged 36" diameter sewer line along Stadium Road in Daska, ensuring minimal disruption to local infrastructure and services.
- Supervising the construction of a stormwater drainage system in Daska City, covering both Zone-1 and Zone-2, to mitigate flood risks and improve urban infrastructure.
- Coordinating the installation of street lights along Circular Road in Daska City and Jhelum City, enhancing public safety and urban aesthetics.
- Overseeing the rehabilitation of Altaf Park in Jhelum, focusing on landscaping, infrastructure upgrades, and amenities to improve recreational facilities for residents.

Name of Employing Agency : **Punjab Land Development Company (PLDC)**
Title of Position : PROJECT DIRECTOR
Location of Assignment : Faisalabad, Pakistan
Period of Assignment : December 2016 to July 2017

Elaborating on some of the key activities I performed during my tenure at PLDC

:

- Overseeing the overall execution of the construction project, ensuring compliance with project specifications, regulations, and quality standards.
- Coordinating with various stakeholders including contractors, architects, engineers, and government authorities to facilitate smooth project implementation.
- Managing project budgets, expenditures, and financial resources to ensure cost-effectiveness and adherence to budgetary constraints.
- Monitoring project progress and performance against established milestones and targets, taking corrective actions as necessary to mitigate delays or issues.
- Directing and supervising project teams to ensure efficient utilization of resources, adherence to project schedules, and achievement of project objectives.
- Conducting regular site inspections and quality audits to assess construction activities, identify potential risks or deficiencies, and implement corrective measures.

Name of Employing Agency : **Elite Engineering (Pvt) Ltd**
Title of Position : MANAGER PROJECTS
Location of Assignment : Bannu/ Bakkhar/ Islamabad, Pakistan
Period of Assignment : May 2016 to November 2016

Elaborating on some of the key activities I performed during my tenure at Elite Engineering:

- Execution of Civil and mechanical works according to the drawings.
- Project progress monitoring and reporting.
- Management of site.
- Coordinating with sub-contractors, client and head office.
- To execute the work with safety within given timelines.
- Resolving conflicts and addressing issues within the project team or between stakeholders, utilizing negotiation and conflict resolution skills to maintain positive working relationships.
- Monitoring project financials, including expenditures, revenue projections, and profit margins, to track project performance and profitability.
- Communicating regularly with clients to provide project updates, address concerns, and solicit feedback to ensure client satisfaction and project success.
- Documenting project progress, milestones, and deliverables, preparing comprehensive reports and presentations for internal and external stakeholders.

Name of Employing Agency : **Associated Consulting Engineers ACE (Pvt) Ltd**

Title of Position : Resident Engineer

Location of Assignment : Lahore, Pakistan

Period of Assignment : March 2011 to April 2016

Elaborating on some of the key activities I performed during my tenure at ACE:

- Execution of work at site according to drawings and specifications of contract agreement.
- Supervision and Management of Civil works, sewerage/drainage works, Electrical Works at Royal Trail and allied streets.
- Performing different field tests such as compaction test, leakage test of water supply lines, sewerage and drainage UPVC pipe lines. Ensuring the quality of workmanship at site.
- Preparation of punch list of different works completed by contractor with the coordination of WCLA and representative of contractor.
- Preparation of contract documents and BOQs for Package II from Purani Kotwali to east side of Shahi Fort Lahore.
- Any other duty or function or task assigned by Chief Resident Engineer Client

Name of Employing Agency : **Yazdan Engineering Services Lahore**

Title of Position : Project Director

Location of Assignment : Mangla Cantt and Lahore, Pakistan

Period of Assignment : Jan 2008 to Feb 2011

Elaborating on some of the key activities I performed during my tenure at Yazdan Engineering Services:

- Leading and overseeing construction projects at Mangla View Resorts in Mangla Cantt, Azad Kashmir, and DHA Phase VI, Lahore, ensuring adherence to project timelines, budgets, and quality standards.
- Managing correspondence and communication with the client throughout the project lifecycle, providing updates, addressing concerns, and maintaining positive relationships.
- Demonstrating leadership and decision-making skills to effectively resolve issues, optimize resources, and drive project success.
- Leading and overseeing construction projects at Mangla View Resorts in Mangla Cantt, Azad Kashmir, and DHA Phase VI, Lahore, ensuring adherence to project timelines, budgets, and quality standards.
- Managing a team of project managers, engineers, subcontractors, and laborers to effectively execute project tasks and achieve project objectives.
- Collaborating with MAXCORP and BINA PURI, Malaysian companies, for the construction of resorts and houses, respectively, ensuring alignment with client requirements and specifications.
- Preparing and submitting quotations for different project lots (houses) based on the stage of work at each house, and engaging in discussions with clients for approval.
- Developing comprehensive Bill of Materials (BOM) and procuring necessary materials from various sources, including Lahore, Dinna, Jhelum, and Mirpur, while arranging subcontractors from local areas and Lahore.
- Creating and managing project schedules, discussing them with clients, and ensuring timely completion of work through mentoring and supervision.

Key Project

Project / Job : **Mangla View Resort, Mangla Cantt**
Client : Yazdan Engineering Services Lahore
Positions : Project Director
Location : Mangla Cantt
Type : Building Construction
Brief : Overseeing the execution of construction projects, including resorts at Mangla View Resorts, Mangla Cantt, Azad Kashmir, and houses at Defense Housing Authority DHA Phase VI, Lahore. Contract Management: Managing contracts with clients and subcontractors, ensuring adherence to project timelines, specifications, and budgetary constraints

Name of Employing Agency : **Local Government and community development**
Title of Position : Municipal Resident Engineer
Location of Assignment : South Punjab, Pakistan
Period of Assignment : April 2005 to Jan 2008

Elaborating on some of the key activities I performed during my tenure at Local Government and community development:

- Overseeing the implementation of the Southern Punjab Basic Urban Services Project (SPBUSP) in six districts of Southern Punjab, specifically focusing on Tehsil Municipal Administrations (TMAs) in Mianchannu and Kabirwala.
- Planning and executing various infrastructure projects to address the missing services and facilities in urban areas, including roads construction, sewerage systems, disposal works, and provision of GRP force mains.
- Managing incremental land development projects, such as Khuda Ki Basti, to facilitate urban expansion and housing development in the targeted areas.
- Supervising the construction of anaerobic ponds, including the formation of embankments and brick lining, to enhance wastewater treatment capabilities.
- Conducting surveys to identify suitable sites for sub-projects and coordinating with relevant government departments to acquire land for project implementation.
- Preparing detailed project proposals (PC-1) in accordance with the Municipal Revenue System (MRS) of the concerned districts and obtaining approvals from the Project Coordination Office (PCO) and Departmental Development Sub Committee (DDSC).
- Developing comprehensive bidding documents, including bills of quantities (BOQs), and overseeing the tendering process, bid evaluation, and contractor selection.
- Facilitating contract negotiations and ensuring the timely mobilization of contractors to commence project activities.
- Monitoring construction progress, quality assurance, and compliance with design specifications and contractual agreements.
- Reviewing and verifying interim payment certificates (IPCs), variation orders, and escalation claims submitted by contractors.
- Developing and maintaining strong relationships with project partners, donors, and funding agencies to facilitate collaboration, resource mobilization, and support for future project initiatives.

Key Project

Project / Job : **Construction of 120 Houses with Infrastructure**
Client : Southern Punjab Basic Urban, LG & CD Punjab
Positions : Municipal Resident Engineer

Location : TMA Kabirwala & TMA MianChannu
Type : Building Construction
Brief : Conducting surveys for sub-projects, finalizing project sites, and coordinating land acquisition with District Government and Revenue department. Preparing project proposals PC1 as per current MRS Municipal Revenue System) of concerned districts and submitting them to the Project Coordination Office PCO in Lahore. Developing bidding documents, floating tenders, and opening bids in the presence of committee members for evaluation and submission to the Asian Development Bank ADB for approval

Name of Employing Agency : **Allied Engineering Consultant (PVT) Ltd**
Title of Position : Senior Resident Engineer
Location of Assignment : Multan, Pakistan
Period of Assignment : September 2003 to March 2005

Elaborating on some of the key activities I performed during my tenure at Allied Engineering Consultant:

- Execution of work at site according to drawings and specifications of Contract Agreement.
- Insuring the availability of drawing well in time and elaboration of specifications
- Supervision and Management of Civil works, sewerage/drainage works, Bus and taxi bays, steel sheds and terminal building of 60,000 sft
- Construction of Road network in Bus stand area. Formation of subgrade of 2.5 ft thickness base course and subbase course. TST and asphaltting of the areas as per design and drawings.
- Performing different field tests such as compaction test, leakage test of water supply lines, sewerage and drainage RCC pipe lines. Ensuring the quality of workmanship at site.
- Planning & scheduling of engineering tasks with the coordination of Client and Contractor.
- Preparation of cost estimates, checking & verification of contractor's IPCs in the light of quantities of various items taken in BOQ of Contract Agreement. Checking and verification of different materials brought at site for the purpose of secure advance.
- To Check & verify the as built drawings submitted by contractor. Insure the preparation and maintenance of still photography and videos of site work at site with coordination of contractor.
- Preparation of punch list of different works completed by contractor with the coordination of WCLA and representative of Contractor.
- Any other duty or function or task assigned by constant office and client

Name of Employing Agency : **SHAHAN Brothers**
Title of Position : Project Engineer
Location of Assignment : Lahore, Pakistan
Period of Assignment : April 2000 to August 2002

Elaborating on some of the key activities I performed during my tenure at SHAHAN Brothers:

- Preparation of Bids for above said buildings.
- Planning and scheduling of different activities with client to meet the completion time. Preparation of Bill of Material (BOM) involved during the construction process.
- Arrangement / Procurement of construction materials.
- Insuring the construction of different civil works according to the specification and drawings.
- Getting the work done checked and verified at completion stage, preparation of punch list with client and rectify it.
- Submission of final bill and adjustment of the accounts

Name of Employing Agency : **Zahid Latif & Associates and Chaudhary Dairies**
Title of Position : Resident Engineer
Location of Assignment : Lahore, Pakistan
Period of Assignment : September 1994 to March 2000

Elaborating on some of the key activities I performed during my tenure at Zahid Latif & Associates:

- Preparation of Engineering cost estimates of different proposed projects in futures for the allocation of budget
- Meeting with site staff of contractor to plan and resolve the day to day issues. Insure the presence during execution of each and every work at site in consultation with Project Manager of Contractor.
- Preparation of punch list of different works completed by contractor with the coordination of representative of Contractor.
- Execution of small project by myself. Preparation/ placing of demands of material involved for approval arrangement and procurement. Hiring and negotiation with local labor required for the execution of works
- Execution of different maintenance projects at plant during days of closing of plant (11th of Lunar Month)
- Any other duty or function or task assigned by Constant office and client.

Name of Employing Agency : **MURU Group International**
Title of Position : Junior Engineer
Location of Assignment : Southern Punjab, Pakistan
Period of Assignment : April 1993 to August 1994

Elaborating on some of the key activities I performed during my tenure at MURU Group International:

- Assisting senior engineers in conducting feasibility studies for infrastructure development projects in the assigned cities, including Gujranwala, Sargodha, Sialkot, Sheikhpura, Sahiwal, Mianchannu, Burewala, Vehari, Bahawalpur, and Rahimyar Khan.
- Participating in site visits and surveys to gather data on existing infrastructure, land use, demographics, and other relevant factors for the feasibility study.

CURRICULUM VITAE

Position : GM (Technical)/ Principal Engineer (Mechanical Design).
Name of Firm : Hike Engineering Consultants
Name of Person : **MUHAMMAD ARIF MIRZA**
Profession : Mechanical Engineer
Date & Place of Birth : 19th May 1973 - Faisalabad
Nationality : Pakistani
Specialization in Firm : Contract Management
Registration Number with
Pakistan Engineering Council : MECH / 14468
Affiliation with
Professional Institutions : Pakistan Engineering Council
Passport : AW0914061 (Visas availed: Schengen, UAE, Malaysia,
Saudi Arabia, Bahrain, Turkey)

EDUCATION:

Qualification	University / Institution	Specialization	Year
BSc Engineering	University of Eng. & Technology (UET), Taxila, Pakistan	Mechanical Engineering	1999
MSc Engineering	University of Eng. & Technology (UET), Lahore, Pakistan	Thermal Power Engineering	2008
M-Phil (TQM)	University of The Punjab, IQTM, Lahore, Pakistan	Total Quality Management	2010
MBA	Preston University, Islamabad. Pakistan	Marketing	2012
MBA	Virtual University, Lahore. Pakistan.	Finance	2015

PERSONAL OUTLINES:

22+ years of experience as Plant Manager, Operations Manager, Head of Maintenance, Maintenance Engineer, Assistant Manager, Project Engineer, Shift Engineer in the industrial sector of Pakistan and abroad.

Worked as Engineering professional in the industrial sectors of Pakistan and abroad. The main industry include Thermal power stations, Petro chemicals, Refineries, Oil and gas pipelines, Energy Planning conservation and development, Chemicals, Ceramics, Engineering industry, Cement industry, Textile industry, Fertilizers industry, Chemical plants, Renewable energy sources and Systems etc.

The key areas of services include Feasibility studies, Technical studies, Industrial design, Engineering design, Mechanical design, Process Design, Power Plants Engineering, Supervision/inspection of equipment installation, Project management (on behalf of owner), Technical assistance and advisory services, Process evaluation & selection, Operations and maintenance, Maintenance planning, Quality control, Professional trainings etc.

IOSH Managing Safely at work V 5.0 Certified.

Authorized as Plant Safety Controller (Safety Rules BEI 2.0/3.0) since 2013 to date

Take part in the plant commissioning and COD activities according to the guidelines of PPA (Power Purchase Agreement), GSA (Gas Supply Agreement), FSA (Fuel Supply Agreement), EPC, O&M contracts of 404 MW Uch Power Plant and 32 MW AEL DESCON Power plant

Worked on the Power plants including Steam turbines (GE 200 MW, Fuji 140 MW,), Boilers (triple pressure) of capacity 220 tons 95 bar 530 C, 25 ton 20 bar 500 C, 10 tons 15 bar 480 C, 5 tons etc. Gas





Turbines (GE 130 MW), HFO engines (Wartsila, MAN, Niigata 2 ~ 20 MW capacity), Gas engines, associated BOPs and Auxiliaries.

Worked overseas on the oil and gas facilities in UAE, Malaysia, Saudi Arabia and Bahrain both onshore and offshore installations.

Worked as Project Manager in the Plant modification activities like Air handling and filtration system, Exhaust system, radiator efficiency improvement, 10 ton crane uplifting project at 32 MW AEL DESCON Power Plant

Self-starting, goal-oriented strategist whose confidence, perseverance and vision promote success, Strong safety and work ethics, Team Player, Positive attitude, Ability to deliver solution, Ability to embrace and deliver change when required, Excellent verbal and written communicator

Computer literate, having good command on CMMS (MP2, API Pro, MAXIMO), Eclips-II (PTW system), CAMEL RACE (Performance Monitoring software) , PRIMA Vera 6.0 Project Management, MS Project, MS office & Windows.

Well aware about the Quality & EHS standards ISO 9001:2000, ISO 14000, OHSAS 18001, ADNOC CIS-15/17/19. AIMS, 5S and TPM.

Well aware about the IPPs Contractual matters (PPA, FSA, GSA, O&M agreements and supplier contracts).

Expert in Project Management of PEIR audits, RCM, RBI, FMECA studies in Power and Oil & Gas sector.

Reasonable understanding of Financial matters like costing, BOQ, Annual budgets preparations etc.

Expert in close monitoring of plant performances and KPIs like Gross & Net Generation (MWh), Gross & Net Heat Rate (KJ/KWh), Operational Heat Rate Factor (%), Gross & Net Efficiency (%), Plant Load Factor (Gross Generation Based) (%), Commercial Load Factor (%), Shutdown Period (Hours), Shutdown Ratio (%), Outage Duration (Hours), Outage Ratio (%), Service Factor, Planned Outage Factor, Unplanned Outage Factor, Shutdown Factor, Available Capacity Ratio (%), Availability / Availability Factor (%), Reliability (%), Utilization Factor (%), Starting Reliability (%), Complex Derating Factor (%). (Monitoring plant efficiency / Heat Rate), close monitoring of lube oil performance & execution of plant equipment's maintenance activities.

Appreciation letter in 2015 from UPL in recognition to the Uch-II plant performance enhancement (Saving of 36,000 KWh per day).

Three Appreciation letters in 2010 from DESCON on professional performance in operational, contractual and plant COD activities.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Industrial

Job Title	Company	Major Equipment Managed	From	To
Contract Manager	Hike Engineering Consultants	<ul style="list-style-type: none"> • Managing contracts for consultancy services related to thermal power stations, ensuring compliance with industry standards and client specifications. • Overseeing contracts for petrochemical projects, coordinating with suppliers and subcontractors to maintain project timelines and budgets • Coordinating contracts for projects focused on energy planning, conservation efforts, and development initiatives. 	Sep-21	To date





		<ul style="list-style-type: none"> • Handling contracts for various engineering projects, ensuring that all contractual obligations are met. 		
AM Operations	ENGIE (Former GDF SUEZ Energy International) UPL/Uch-II Power Pvt. Ltd--IPP (1000 MW Combined Cycle Power Plant)	<ul style="list-style-type: none"> • 05 Gas Turbines (GE) 130 MW each • 01 Steam Turbine (GE) 195 MW with 03 HRSGs • 01 Steam Turbine (Fuji) 136 MW with 02 HRSGs 	May-17	Sep-21
GM Projects	UMER Construction Solution, Lahore.	<ul style="list-style-type: none"> • HCP Faisalabad. • Interloop HD-III, Lahore. • Alkhidmat Foundation, Lahore, Lahore. 	Mar-15	May-17
AM Operations	ENGIE (Former GDF SUEZ Energy International) UPL/Uch-II Power Pvt. Ltd--IPP (1000 MW Combined Cycle Power Plant)	<ul style="list-style-type: none"> • 05 Gas Turbines (GE) 130 MW each • 01 Steam Turbine (GE) 195 MW with 03 HRSGs • 01 Steam Turbine (Fuji) 136 MW with 02 HRSGs 	May-13	Mar-15
Head of Maintenance	Applusvelosi, Malaysia (Base Office – UAE) Served in Maint Management, EPC projects, Asset Integrity reviews, RCM/RBI/PEIR/HSE Studies	<ul style="list-style-type: none"> • As Manager lead projects (Power and Oil&Gas) in UAE, Malaysia, Bahrain and Saudi Arabia with companies like ADCO (UAE), Murphy Oil (Malaysia), Al-Khafji Joint Operations-KJO (Saudi Arabia) etc. 	Apr-12	May-13
Manager Operations	MAN Diesel & Turbo Operations, Germany Project: (Atlas Power, Lahore) -- IPP 225 MW HFO fired Diesel Engine CCGT	<ul style="list-style-type: none"> • 11 Diesel Engines (MAN) 18.428 MW each • 01 Dresser Rand Steam turbine with 11 HRSGs 	Nov-10	Apr-12
Plant Manager	DESCON Engg Services (Project AEL) -- IPP (32 MW Natural Gas fired Engine Power Plant)	<ul style="list-style-type: none"> • 08 Gas Engines (MWM -Germany) 4.0 MW each 	May-08	Nov-10
Maint Engr/ DM OPS	Kohinoor Energy Limited Pvt. Ltd -- IPP (124 MW HFO fired Diesel Engine CC Plant)	<ul style="list-style-type: none"> • 08 Diesel Engines (Wartsilla-15.68 MW each) • 01 Peterbrotherhood Steam turbine with 8 HRSG 	Aug-04	May-08
Maintenance Engineer	Sitara Energy Limited Pvt. Ltd (90 MW HFO/Gas fired Engines Power Plant)	<ul style="list-style-type: none"> • 08 Diesel Engines (Niigata - Japan) 6.0 MW each • 08 HRSGs (DDFC) 	Aug-99	Aug-04

Plants Construction/Commissioning

Job Title	Company	Major Equipment Managed	From	To
Asstt. Manager	GDF SUEZ Energy Int. , Uch-II Expansion Project -- IPP (404 MW Combined Cycle Power Plant)	<ul style="list-style-type: none"> • 02 Gas Turbines (GE) 126 MW each • 01 Steam Turbine (Fuji) with 02 HRSGs 	May-13	Apr-14
Deputy Project Manager	DESCON Engineering Services (Project AEL) -- IPP (32 MW Natural Gas fired Engine Power Plant)	<ul style="list-style-type: none"> • 08 Gas Engines (MWM - Germany) 4.0 MW each 	May-08	July-09





PROFESSIONAL EXPERIENCE DETAILS

- **Engineering Sector:** As a contract manager, coordinated and managed consultancy contracts across multiple sectors, ensuring compliance, quality, and timely delivery of services:
 - Power stations (CCPP, Diesel engine power plant, Gas engine power plant)
 - Petrochemicals
 - Refineries
 - Oil and gas pipelines
 - Chemical industry
 - Ceramics industry
 - Cement industry
 - Textile industry
 - Fertilizers industry
 - Chemical plants
 - Renewable energy systems (Solar, Wind, Biogas)

Plant Operations:

- **Plant Manager/Operations Roles:** Managed operational contracts, focusing on:
 - Supervising and guiding shift teams during startup and operation
 - Coordinating with NPCC on operational matters (availability, load dispatch)
 - Addressing non-conformance, documenting actions, and coordinating maintenance
 - Implementing operation plans, reviewing resource requirements, and deploying schedules
 - Overseeing plant operations, reviewing performance reports, and interdepartmental coordination (Quality & EHS, Maintenance, Logistics)
 - Budget preparation, performance appraisals, and coordinating with external entities (Government Agencies, external organizations)

Plant Maintenance:

- **Maintenance Roles:** Managed maintenance contracts, including:
 - Reviewing preventive maintenance plans and resource scheduling
 - Supervising maintenance activities, ensuring SOP compliance
 - Coordinating corrective/preventive actions and approving work requests
 - Ensuring timely repairs, coordinating with Logistics for materials, and preparing reports
 - Conducting technical training, performance appraisals, budget preparation, and verifying claims
 - Coordinating activities with departments (Quality & EHS, Operations, Logistics, Electrical, Technical, Finance)

Plant Erection, Commissioning, Modifications/Improvements:

- **Project Engineer/Manager Roles:** Managed contracts for plant erection and commissioning projects, including:
 - Erection and commissioning of power plants (e.g., Uch-II Expansion Project, AEL)
 - Overseeing plant modifications (e.g., air handling, exhaust systems)
 - Participating in COD activities and managing project timelines and deliverables

IPPs/Contractual:

- **Contractual Roles:** Managed IPP-related contracts, including:
 - Handling PPAs, FSAs, GSAs, TPs, OPs, EPP, CPP invoices, and various agreements (OEM, O&M, Services)
 - Coordinating with regulatory authorities (e.g., NPCC, RCC, WPPO, SNGPL, OGDCL, EPA)
 - Managing synchronization tests, monitoring contractual performance, and handling warranty claims





Oil & Gas Sector:

- **Head of Maintenance/RCM Services:** Managed contracts for oil and gas projects, including:
 - Conducting PEIR and RCM studies for various companies (e.g., ADCO, Al-Khafji Joint Operations, Murphy Sarawak Oil Company, Bahrain Gas)
 - Serving as Integrity Engineer, Project Manager, and RCM team leader

Quality and EHS:

- **Quality Management:** Managed contracts related to quality standards (ISO 9001:2000, ISO 14000, OHSAS 18001), TQM activities, EHS, and productivity initiatives

Teaching Experience:

- **Part-Time Faculty Roles:** Managed teaching contracts at various institutes, including:
 - NFC Institute of Engineering & Fertilizers Research (UET Affiliated)
 - Preston University
 - Newport University
 - GTZ (German Agency for Technical Cooperation)

TRAININGS AND CERTIFICATES:

Date	Duration	Training institute	Training Title	Location
26-Nov-08	1 Day	Shell, Pakistan	Shell Argina Power learning session	Turkey
16-Nov-09	2 Days	MWM, Germany	Gas engine troubleshooting & performance improvements	Germany
25-Dec-11	3 Days	Nalco Water treatment	Water treatment philosophy in Energy sector	Dubai
9-Jun-14	2 Days	Laborelec, Belgium	Gas Turbine Combustion	Dubai
13-May-14	to date	Uch Power Pvt. Ltd, Pakistan	Safety Controller Certification as <ul style="list-style-type: none"> • SC (Safety Controller) Safety Rules BEI 3.0 • SAP (Senior Authorized Person) Safety Rules BEI 2.0 	UPL, Pakistan
8-Oct-11	7 Days	MAN Diesel & Turbo, Germany	API Pro (CMMS) introduction and implementation	APL, Pakistan
23-Aug-14	2 Days	Possibilities Consultants	Time and Stress Management	UPL, Pakistan
20-May-14	12 Days	GE Energy Technical Training	Gas Turbine Generator Operations	UPL, Pakistan
1-Jul-13	7 Days	Fuji Electric Energy Technology	Steam Turbine Generator and Auxiliaries	UPL, Pakistan
8-Jul-13	8 Days	DKME, Japan	Heat Recovery Steam Generator (HRSG) overall training	UPL, Pakistan
3-Jun-13	5 Days	GE Energy Technical Training	Gas Turbine 'MarkVIe' Controls	UPL, Pakistan
17-Jun-13	5 Days	GE Energy Technical Training	Generator Controls (Ex2100e)	UPL, Pakistan
10-Jul-13	5 Days	GE Energy Technical Training	Gas Turbine Systems Maintenance	UPL, Pakistan
17-Jul-13	3 Days	Honeywell, Korea	DCS Operation & Maintenance Training	UPL, Pakistan
29-Jun-13	3 Days	ABB, Germany	Site Training for UCH2 220 KV Switchyard	UPL, Pakistan
3-Aug-13	1 Day	AJOU Engineering Co. Ltd, Korea	Chemical Dosing System	UPL, Pakistan
31-May-13	1 Day	ALFA Standard SPA, Korea	Operator check on IPB Ducts and Pressurization System	UPL, Pakistan





29-Aug-13	1 Day	Bopp & Reuther, Korea	Course for Hydraulic Operated HP + IP Bypass System	UPL, Pakistan
27-Jul-13	1 Day	SWAN Analytical, Korea	On-line Analysis in Water-Steam-Cycle	UPL, Pakistan
19-Aug-13	2 Days	Hyosung Goodsprings INC., Korea	Boiler feed water pumps and Condensate Extraction pump	UPL, Pakistan
23-Jul-13	2 Days	ABB, Switzerland	GCB (HECS 80M) customer training	UPL, Pakistan
15-Jan-09	3 Days	Franklin Covey, South Asia	The Seven Habits of Highly Effective People	DESCON, Pakistan
25-Jul-07	2 Days	PIQC Institute of Quality, Pakistan	Course on "Training of Trainers"	KEL, Pakistan
5-Aug-08	1 Day	The Konsultants, Pakistan	Effective time Management	KEL, Pakistan
12-Mar-07	2 Days	PIQC Institute of Quality, Pakistan	TPM & 5S activities	KEL, Pakistan
23-Feb-06	1 Day	FASTC, Pakistan	Incident control system (ICS)	Pakistan
11-Oct-11	15 Days	Institute of Business Techniques	PRIMA Vera 6.0 Project Management	Lahore, Pakistan



CURRICULUM VITAE

Position of Title and No : Assistant Resident Engineer
Name : **MUHAMMAD ASLAM**
Father's Name : Shamas Uddin
Phone No : +92-336-9878211
Cell No. : +92-336-9878211
Date & Place of Birth : November 1, 1962, Bhurewala Distt Vehari, Pakistan
Religion : Islam
Domicile : Vehari, Pakistan
Nationality : Pakistani
PEC Registration Number : **CIVIL/13256**
Marital Status : Married
Profession : Civil Engineer
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Assistant Resident Engineer
Specialization in Firm : Assistant Resident Engineer
Year of Joining Firm : January 2020

PERSONAL OUTLINES

As a registered professional engineer with the Pakistan Engineering Council, I bring over 35 years of comprehensive experience in civil engineering, specializing in infrastructure planning, design, and execution. Throughout my career, I have been actively involved in the development of housing schemes, urban planning, and public infrastructure projects across Punjab. My expertise extends to the design and construction of essential facilities, including sewerage systems, water supply networks, roads, and public buildings such as community centers, parks, and civic spaces. Notably, I have applied advanced project management techniques, such as CPM, to successfully deliver large-scale projects like Media Town (Islamabad Press Club Housing Society).

In my role as Deputy Director (Engineering) at the Punjab Housing and Town Planning Agency, I have overseen feasibility studies, site selection, and engineering designs while ensuring compliance with regulatory and quality standards. My responsibilities included preparing BOQs, managing budgets, and monitoring project progress to ensure timely and efficient delivery. I have also contributed to the planning and execution of Annual Development Programs (ADP), emphasizing infrastructure enhancement and sustainable urban development.

I am well-versed in public sector protocols, including the preparation of bidding documents, contract management, and adherence to PPRA guidelines. My strong foundation in structural design and urban development is complemented by extensive field experience, ensuring the successful completion of projects that meet community needs and technical standards. Additionally, my professional growth has been supported by advanced training in rural development planning, project management, and senior engineering practices.

Throughout my career, I have demonstrated a commitment to excellence, ensuring that each project I undertake reflects a high standard of quality and efficiency. My ability to integrate technical expertise with effective team coordination has consistently resulted in the successful execution of complex projects.

EDUCATION

Degree	Institution	Year of Completion	Key Highlights
Bachelor of Science in Civil Engineering	University of Engineering and Technology, Lahore	1986	Specialized in infrastructure design and planning.
Training in Rural Development Planning	Local Government and Rural Development Academy	1997	Focused on rural development strategies and infrastructure.
Senior Management Training	National Institute of Management	2011	Advanced skills in management and project coordination.

LANGUAGES

- **English:** Skilled in both verbal and written communication; experienced in creating technical reports, construction documentation, and formal correspondence.
- **Urdu:** Strong proficiency in both formal and informal communication; capable of drafting comprehensive professional documents and engaging effectively with stakeholders.
- **Punjabi:** Fluent in spoken Punjabi; proficiently used for interpersonal communication and collaboration in diverse settings.

SKILLS

- Expertise in managing and supervising large-scale civil engineering projects, ensuring adherence to technical specifications and industry standards.
- Proficient in preparing detailed project documentation, including Bills of Materials (BOMs), material submittals, and project progress reports.
- Strong experience in conducting site inspections to ensure compliance with design, quality, and safety standards for construction activities.
- Skilled in coordinating with consultants, contractors, and clients to resolve technical issues and ensure smooth project execution.
- In-depth knowledge of construction management techniques, including project scheduling, resource management, and cost control.
- Expertise in overseeing the installation of infrastructure systems, including water supply, sewerage, roads, and electrical works.
- Proficient in reviewing and approving contractors' work, including submittals for materials, equipment, and construction methods.
- Strong understanding of project planning tools and methodologies, ensuring projects are completed on time and within budget.
- Experienced in managing construction projects from inception to completion, including preparation of tender documents and evaluation of bids.
- Skilled in conducting quality assurance and control checks on materials, ensuring their compliance with project specifications.
- Knowledgeable in managing and executing both rural and urban development projects, including residential, commercial, and industrial structures.

- Expertise in managing large teams, coordinating subcontractors, and ensuring smooth workflow across all project phases.
- Proficient in the practical application of engineering drawings during construction, ensuring all work aligns with technical specifications.

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**
 Title of Position : Assistant Resident Engineer
 Location of Assignment : Lahore, Pakistan
 Period of Assignment : November 2022 to Present

Key Responsibilities

I undertake a range of pivotal tasks across various projects, allow me to elaborate on some of the key activities I performed:

- Oversee and manage daily site operations, ensuring that construction activities are executed as per the approved drawings, specifications, and project schedules.
- Supervise and coordinate the work of contractors, subcontractors, and laborers to ensure that all construction activities meet quality standards and safety regulations.
- Conduct regular site inspections to monitor the progress of work, identify potential issues, and implement corrective actions as required.
- Review and approve construction material submittals, ensuring that all materials used comply with project specifications and industry standards.
- Ensure effective communication between all project stakeholders, including clients, consultants, and contractors, to resolve design and execution-related issues.
- Prepare and maintain project documentation, including daily progress reports, inspection reports, and record drawings, ensuring accurate and up-to-date records.
- Monitor the implementation of health, safety, and environmental policies on-site to maintain a safe working environment for all personnel.
- Review and process contractors' invoices and progress payments based on work completed and the contract terms.
- Assist in the preparation of technical reports, progress reports, and final project reports for submission to clients and management.
- Ensure that all works are completed within the established budget and time frame, actively managing any variations or delays.
- Provide technical support and advice to the design team and ensure that any changes or variations in the design are executed according to the client's requirements and project specifications.
- Coordinate with the project management team to ensure the proper planning, scheduling, and execution of all construction activities.
- Monitor and control project costs, reviewing budgets and making adjustments as necessary to avoid cost overruns.

KEY PROJECTS

- Project : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1,**

Islamabad.

Client : Capital Development Authority (CDA).
Type : Multistoried Office Complex (11 Stories).
Measurement(s) : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT
Cost : PKR 7562 M
Brief : The Litigants Facilitation Center, led by the Capital Development Authority (CDA), is an upcoming architectural marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. With an impressive 11-story frame structure covering over 1,219,688 square feet and a vast plot of more than 270,224 square feet, it promises to redefine legal infrastructure.
Designed with precision, the center caters to the diverse needs of legal professionals and litigants with dedicated offices, comfortable waiting areas, rest zones, common rooms, and tuck shops for refreshments. Enhanced user experience is ensured through comprehensive parking facilities and a well-planned road network. Additionally, sustainability is prioritized with a robust sewerage system and rainwater collection chambers.

- Project : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**
Client : Punjab Irrigation Department.
Type : Multistoried Educational Complex (04 Stories).
Measurement(s) : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
Cost : PKR 744 M
Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering ample space for academic pursuits, accommodation, and communal activities, it also poised to foster learning and innovation in a conducive environment.
- Project : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
Client : Punjab School System, Lahore.
Type : Multistoried Educational Complex (05 Stories).
Measurement(s) : Covered Area: 293,074 SFT

- Plot Area: 234,000 SFT
- Cost : PKR 1494 M
- Brief : The Punjab School System prioritizes educational enhancement through accessible and affordable infrastructure. Their commitment to quality education is evident in meticulously planned facilities, including multi-storied blocks, administrative buildings, and expansive playgrounds. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore integrates these features seamlessly, offering over 293,074 square feet of covered area in multi-level structures. Amenities such as a swimming pool, squash courts, and an auditorium enhance the learning environment. The campus also provides ample parking with sheds for students, staff, and visitors, emphasizing convenience. This holistic approach underscores the system's dedication to fostering excellence and comfort for all stakeholders.
- Project : **Takbeer Tower at McLeod Road at Lakshami Chowk, Lahore.**
 - Client : Punjab School System, Lahore.
 - Type : Multistoried Commercial Building (05 Stories).
 - Measurement(s) : Covered Area: 182000 SFT
Plot Area: 54,000 SFT
 - Cost : PKR 1306 M
 - Brief : "Takbeer Tower" stands tall as a 13-story edifice, strategically situated at the bustling intersection of McLeod Road and Cooper Road in Lakshami Chowk, Lahore. This architectural & engineering marvel replaces the iconic Moon Light Cinema, long a landmark in the heart of Lahore. Crafted as a skeletal frame structure, the tower boasts three basement levels primarily designated for parking convenience. Ascending from the lower basement to the fifth floor, a diverse array of commercial spaces and shops will be housed, catering to the dynamic needs of the locality. The upper floors are earmarked for office spaces, providing a professional hub amidst the urban hustle. Adding to its allure, Takbeer Tower reserves one floor exclusively for entertainment, featuring enticing amenities like food courts and a cinema. This dedicated space promises a multifaceted experience, ensuring visitors find both business and leisure under one roof.
 - Project : **Plant Building for Multipurpose (Paracetamol) & 7AVCA Plant including Tank yard and Utility Area for Pharmagen Limited at Ferozpur Road, Lahore.**
 - Client : Pharmagen Limited, Lahore.
 - Type : Multistoried Industrial Plant Buildings (05 Stories).
 - Measurement(s) : Covered Area: 58,630 SFT
 - Cost : PKR 340 M
 - Brief : Pharmagen Limited has earned international acclaim for its contributions to the pharmaceutical industry. They are expanding their production capabilities by increasing the existing Paracetamol production capacity to 300TPD at their Multipurpose plant. Additionally, they are embarking on the construction of a new 7AVCA Plant in the same vicinity, accompanied

by the establishment of a tank yard and utility area. These facilities consist of multi-storied plant buildings with a total covered area exceeding 58,630 square feet, spanning across five functional floors. This expansion marks a significant step towards Pharmagen Limited's commitment to advancing pharmaceutical manufacturing and innovation.

- **Project : Warehouse at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
 Client : Nimir Industrial Chemicals
 Type : Industrial Building & Structures
 Measurement(s) : 209,064 SFT
 Cost : PKR 378 M
 Brief : Nimir Industrial Chemicals, a prominent figure in the chemical industry, revolutionized its operational infrastructure with the construction of a cutting-edge warehouse facility in Bahkki, Sheikhpura. This industrial building spanned an impressive 209,064 square feet, representing a significant investment of PKR 378 million. With this project, Nimir Industrial Chemicals reaffirmed its commitment to excellence and innovation in industrial building and structures, setting new standards for efficiency and functionality in the chemical manufacturing sector.

- **Project : Grid Station and Power House at Interloop HD-5, Khurrianwala, Faisalabad.**
 Client : Interloop Limited.
 Type : Industrial & Power Structures
 Measurement(s) : N/A
 Cost : PKR 218 M
 Brief : They also have a 2.0 MW Solar Project at the Interloop Industrial Park aimed at producing renewable energy⁴. If you're looking for more information on their sustainability projects or any other details, reaching out to them directly would be the best course of action.
 This project, with an investment of PKR 218 million, aimed to enhance the facility's power infrastructure to meet growing operational demands. Serving as a critical component of industrial and power structures, this initiative demonstrates Interloop's commitment to sustainable growth and operational excellence in the textile sector.

- **Project : Soap line Plant, Shampoo & Hand Sanitizer Plant, Brick Plant, Chlorine Caustic Soda Plant at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
 Client : Nimir Industrial Chemicals
 Type : Industrial Building & Structures
 Measurement(s) : 80,556 SFT
 Cost : PKR 819 M
 Brief : Nimir Industrial Chemicals Ltd., located in Bhikki, Sheikhupura, has been actively engaged in various expansion projects and the establishment of new plants. They upgraded their fatty acid and soap noodle plant to increase capacity for manufacturing oleo chemicals, including soap noodles used in soap production, and established facilities with multiple high-speed

lines for the production of personal and home care products as part of their Home Care plant. While specific details about a brick plant are not provided, Nimir produces construction chemicals that may involve products related to brick manufacturing. Additionally, they expanded their capacity to produce caustic soda through a technology upgrade, enabling the production of 120 tons per day of caustic soda. These initiatives marked significant step towards advancing of their industrial capabilities.

- **Project : New Production Area with Warehouse including ancillary structures for Sukkur Beverages (Pvt.) Limited, Sukkar.**
 - Client : Sukkur Beverages (Pvt.) Limited, Sukkar
 - Type : Industrial Building & Structures
 - Measurement(s) : 38,000 SFT
 - Cost : PKR 550 M
 - Brief : Sukkur Beverages Pvt. Limited, renowned for pioneering carbonated soft drinks in the Interior Sindh and bordering South Punjab regions, has made substantial investments in expanding its production capacity and infrastructure. While specific details about the new production area and warehouse, along with ancillary structures at Sukkur, are not available, the company's existing production facility is situated at A-10, S.I.T.E., Sukkur. Sukkur Beverages has consistently invested in various aspects of its operations, including high-speed production lines, infrastructure, and capability initiatives, to meet market demand and enhance operational efficiency. The project involved the construction of a new production area with a warehouse and ancillary structures for Sukkur Beverages (Pvt.) Limited, spanning 38,000 square feet at a cost of PKR 550 million. This development represents a significant investment in enhancing production capabilities and underscores Sukkur Beverages' commitment to meeting consumer needs and driving growth in the beverage industry.

- **Project : Home Care Building at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
 - Client : Nimir Industrial Chemicals
 - Type : Industrial Building & Structures
 - Measurement(s) : 52,228 SFT
 - Cost : PKR 276 M
 - Brief : The Home Care Building at Nimir Industrial Chemicals in Bhikki, Sheikhpura, symbolizes the company's strategic expansion into the home and personal care products sector. With its completion, this state-of-the-art facility, spanning 52,228 square feet and built at a cost of PKR 276 million, heralds a new era of manufacturing excellence and sustainability. Equipped with cutting-edge technology and multiple high-speed production lines, the plant is geared towards producing a wide array of home care essentials. Committed to delivering superior quality while upholding environmental stewardship, this facility underscores Nimir's dedication to meeting the evolving needs of consumers and the industry at large.

- Project : **Glycerin Distillation-300D Plant at Plot No 250,253,259,260 FIEDMC M3 Industrial Area, Sahiawala , Faisalabad.**
- Client : Power Chemical Industries Limited.
- Type : Industrial Structure
- Measurement(s) : N/A
- Cost : PKR 290 M
- Brief : The Glycerin Distillation-300D Plant at FIEDMC M3 Industrial Area, Sahiawala, Faisalabad, represents Power Chemical Industries Limited's investment in cutting-edge industrial infrastructure, with a budget of PKR 290 million. As an industrial structure project, it underscores the company's commitment to innovation and efficiency in chemical manufacturing. Equipped with advanced distillation technology, the plant aims to streamline glycerin purification processes while adhering to stringent safety and environmental standards. By prioritizing quality, reliability, and client satisfaction, Power Chemical Industries Limited seeks to reinforce its position as a leading provider in the chemical industry, meeting the evolving needs of its customers while contributing to sustainable industrial development.

Name of Employing Agency : **Punjab Housing and Town Planning Agency**

Title of Position : Resident Engineer

Location of Assignment : Lahore, Pakistan

Period of Assignment : 2008 to October 31, 2022

Key Responsibilities

- My duties included overseeing environmental considerations, managing risks, and ensuring compliance with regulatory standards, all of which were essential for the project's success:
- Supervised and managed the execution of large-scale housing and infrastructure projects, ensuring compliance with project designs, technical specifications, and quality standards.
- Led the feasibility studies and site selection process for various housing schemes across Punjab, coordinating with multiple stakeholders to ensure proper planning and development.
- Prepared and reviewed engineering designs for infrastructure systems including sewerage, water supply, roads, and utilities, ensuring alignment with project goals and regulations.
- Oversaw the preparation of detailed Bills of Quantities (BOQs) and Tender Documents (D.N.I.Ts) for bidding purposes, ensuring all technical and financial requirements were met.
- Managed project budgeting and financial planning, including budget preparation, allocation, and reconciliation of funds as per the government's Annual Development Program (ADP).
- Monitored the progress of construction works, ensuring that projects were completed on time, within budget, and in accordance with safety standards.
- Led the implementation of the Critical Path Method (CPM) in project scheduling, ensuring that all milestones and deadlines were met without compromising quality.
- Coordinated with contractors, consultants, and local authorities to resolve technical and design-related issues, ensuring smooth project execution.
- Managed a diverse team of engineers, architects, and support staff, ensuring effective communication and collaboration across all project phases.
- Conducted regular site inspections and quality control checks to ensure adherence to

construction drawings and technical specifications.

- Ensured compliance with all regulatory requirements and guidelines from the Punjab Government, including those related to Public Procurement Regulatory Authority (PPRA) and the Audit & Accounts Department.
- Supported the preparation of progress reports and documentation for clients, ensuring accurate tracking and reporting of project status.
- Assisted in the development of policies and guidelines for housing and town planning projects, contributing to the advancement of the agency's goals.

Name of Employing Agency : **Tehsil Municipal Administration**
Title of Position : Tehsil Officer (Planning and Coordination)
Location of Assignment : Lahore, Pakistan
Period of Assignment : January 2005 to 2007

Key Responsibilities

- Coordinated and managed the planning and execution of urban and rural development projects within the Tehsil jurisdiction, ensuring alignment with local government policies and regulations.
- Supervised the preparation, review, and approval of building plans for residential, commercial, and industrial constructions, ensuring compliance with safety standards, zoning regulations, and environmental guidelines.
- Oversaw the development of urban infrastructure projects, including roads, water supply, sewerage systems, and public facilities, ensuring timely execution and quality control.
- Collaborated with local authorities, architects, engineers, and contractors to ensure that projects were completed according to design specifications and budget constraints.
- Managed and monitored the implementation of land-use plans and urban master plans, ensuring that development adhered to approved layouts and spatial planning requirements.
- Provided technical guidance and support to municipal officers and field staff in the preparation and execution of development projects.
- Conducted site inspections and assessments to evaluate ongoing projects, address issues, and ensure that construction was progressing as planned.
- Engaged in public consultations and facilitated meetings with community stakeholders to understand their concerns and integrate their feedback into project planning.
- Coordinated with government departments to secure approvals and clearances for various municipal development projects and ensured compliance with regulations.
- Contributed to the preparation of the Annual Development Plan (ADP) by prioritizing projects based on community needs and available resources.
- Ensured proper documentation of all planning and coordination activities, including records of approvals, permits, and project status reports.
- Assisted in monitoring the performance of contractors, ensuring that quality standards were met and any deviations from plans were addressed promptly.

Name of Employing Agency : **District Government Khanewal**
Title of Position : Resident Engineer/ Deputy District Officer
Location of Assignment : Lahore, Pakistan
Period of Assignment : September 2003 to November 2004

Key Responsibilities

- Oversaw the execution of major infrastructure projects, including road construction, sewerage, water supply schemes, and electrification across Khanewal district.
- Coordinated the preparation and implementation of the Annual Development Program (ADP), ensuring alignment with local needs and priorities.
- Conducted technical evaluations and provided approvals for project designs, ensuring compliance with engineering standards and specifications.
- Managed the bidding process for public works projects, ensuring transparency and adherence to government regulations.
- Supervised construction sites to ensure contractors adhered to approved plans, quality standards, and safety regulations.
- Monitored project progress and prepared detailed reports for senior officials, highlighting issues and proposing solutions to ensure timely completion.
- Managed project finances, ensuring funds were allocated and utilized as per the guidelines from the Finance Department.
- Coordinated with contractors, consultants, and local government officials to resolve any technical and operational issues during project execution.
- Ensured that all projects met quality control standards through regular inspections and monitoring.
- Facilitated communication between the community and government, addressing concerns and providing updates on project status.
- Ensured compliance with local regulations and government policies, including the guidelines issued by the Public Procurement Regulatory Authority (PPRA).

Name of Employing Agency : **Tehsil Municipal Administration Kabirwala, District Khanewal**

Title of Position : Tehsil Officer (Planning & Coordination)

Location of Assignment : District Khanewal, Pakistan.

Period of Assignment : May 2001 to September 2003

Key Responsibilities

- Managed and coordinated the planning and execution of various public infrastructure projects within the Tehsil, ensuring that they met the community's needs and government standards.
- Supervised the preparation and approval of development plans for residential, commercial, and industrial buildings, ensuring compliance with zoning and construction regulations.
- Collaborated with local government authorities and stakeholders to gather feedback and ensure the alignment of projects with Tehsil development priorities.
- Facilitated the preparation of the Tehsil's annual development program (ADP), coordinating with union councils and other local bodies for input on required infrastructure and public services.
- Provided technical advice on planning and construction issues, ensuring that projects adhered to safety, environmental, and quality standards.
- Reviewed and approved building applications, ensuring all necessary documentation and compliance with urban planning regulations were in place.
- Coordinated the resolution of land use and property disputes, working closely with legal and

government departments to settle issues.

- Monitored the progress of ongoing projects and ensured their timely completion according to budget and specifications.
- Liaised with contractors and local authorities to ensure proper execution of development works, including roadways, drainage systems, and public facilities.
- Conducted regular site inspections to ensure quality control and adherence to construction codes.
- Ensured transparency and compliance with local government procurement procedures in the planning and execution of projects.

Name of Employing Agency : **Housing & Physical Planning Department**
Title of Position : Assistant Director
Location of Assignment : Punjab, Pakistan.
Period of Assignment : July 1996 to April 2001

Key Responsibilities

- Assisted in the development and implementation of urban planning projects, contributing to the planning of residential, commercial, and industrial zones.
- Coordinated with local authorities and government agencies to ensure that development projects aligned with regional planning strategies and regulations.
- Reviewed and evaluated development proposals, ensuring that they met design standards, zoning laws, and safety requirements.
- Contributed to the preparation and approval of the annual development plan for housing and physical infrastructure projects.
- Provided technical support and guidance on urban planning projects to junior staff and contractors.
- Coordinated with other departments for the successful execution of infrastructure projects, ensuring compliance with deadlines, budgets, and quality standards.
- Played a role in monitoring the progress of various housing schemes and public development projects, ensuring they were completed on schedule.
- Supported the preparation of budgets for various development schemes and ensured the proper allocation of resources for project execution.
- Participated in public consultations and community engagement activities to gather input on planned development projects and address local concerns.

Name of Employing Agency : **Housing & Physical Planning Department**
Title of Position : Sub-Engineer
Location of Assignment : Punjab, Pakistan.
Period of Assignment : July 1984 to June 1996

Key Responsibilities

- Assisted in the preparation and execution of civil engineering projects, including roads, bridges, and other infrastructure works in urban and rural areas.
- Conducted site surveys and inspections to assess project requirements and monitor progress, ensuring compliance with engineering standards and local regulations.

- Supervised the construction and maintenance of public infrastructure such as drainage systems, water supply pipelines, and roadways.
- Collaborated with senior engineers in the preparation of reports, progress updates, and project documentation.
- Ensured proper implementation of health, safety, and environmental standards on construction sites.
- Contributed to the inspection and maintenance of infrastructure projects post-completion to ensure long-term performance.

CURRICULUM VITAE

Name : **Sobia Razzak**
Father's Name : Abdul Razzak
Address : H # SD-477, Sector A, Askari 11, Bedian Road, Lahore
Phone No : +92-308-4448470
Date & Place of Birth : 17-02-1976, (Punjab), Pakistan
Religion : Islam
Domicile : Punjab, Pakistan
Nationality : Pakistan
Marital Status : Married
Profession : Architect
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Senior Architect
Specialization in Firm : Architect
Year of Joining Firm : April 2022

PERSONAL OUTLINES

As a registered architect with a keen interest in research, teaching, and practical application, I bring a diverse set of skills and experiences to the field of architecture. With a Ph.D. in Architecture underway and a Master's degree from the University of the Punjab, Lahore, followed by a Bachelor's degree from the University of Engineering and Technology, Lahore, I have developed a strong foundation in architectural theory, design principles, and research methodologies.

With a robust academic background and years of professional experience, I've honed my skills in architectural design, particularly in areas such as heritage conservation and adaptive reuse. My research and teaching interests in architectural heritage conservation have fueled my passion for preserving cultural landmarks and integrating them into contemporary urban landscapes.

My journey in academia spans several prestigious institutions, including COMSATS University Lahore Campus, Lahore College for Women University, Institute for Art and Culture, and Superior University. As a Visiting Assistant Professor and Assistant Professor, I've contributed to undergraduate architecture programs by designing and delivering courses in architectural design, building materials, conservation, sociology, landscape architecture, and theory of architecture.

My research endeavors have focused on a variety of topics, from community park design assessment to on-street parking trends in urban neighborhoods. I've also explored themes like the role of women in disaster mitigation and the regeneration of architectural heritage through social media engagement. These research projects have not only expanded my understanding of the built environment but also contributed valuable insights to the architectural community.

As a Registered Architect with the Pakistan Council for Architects and Town Planners since 2008 and a member of the Institute of Architects of Pakistan since 2012, I've remained actively engaged in professional development and networking within the architectural community.

My professional journey has been enriched by hands-on experience in architectural firms such as Hike Engineering Consultants, Groves Interiors DHA Lahore, Maskan Associates, Takhleeq Associates, and Raees Faheem Associates. These roles have allowed me to collaborate on diverse projects

ranging from commercial spaces like Jazz Cafe & Tokyo Restaurant to residential renovations in Askari-3, Lahore.

Proficient in various architectural software tools such as AutoCAD, Excel, Word, STAAD-Pro, SAP, ETABS, and SAFE, I leverage technology to enhance the efficiency and precision of architectural design and analysis processes.

With a blend of academic rigor, practical experience, and a passion for architectural excellence, I am committed to contributing meaningfully to the field of architecture through innovative design solutions, impactful research, and inspiring education. My journey as an architect and educator continues to evolve, driven by a deep-seated dedication to advancing the art and science of architecture while nurturing the next generation of architectural professionals. My multifaceted background equips me to tackle the complex challenges facing the architectural profession with creativity, resilience, and a collaborative spirit. I am eager to leverage my expertise and passion for architecture to make meaningful contributions to the built environment and society at large.

EDUCATION

Qualification	University / Institution	Year
Enrolled in Ph.D. Architecture	University of Management and Technology, Lahore, Pakistan	Fall 2022
Master of Architecture	University of the Punjab, Lahore, Pakistan	2011
Bachelor of Architecture	University of Engineering and Technology, Lahore	2000

Professional Courses / Training:

➤ Graphic Designing Short Course

➤ Computer

Short course on MS Office

➤ English

English Proficiency Short Course

LANGUAGES

- Good communication skills in Urdu and English
- Proficient in writing official drafts in English and Urdu

SKILLS

- Good communication skills
- Honesty, integrity and multitasking ability
- Conversant with Windows Operating System and Software.

RESEARCH ACTIVITIES

- Naz, F. F., **Razzak, S.**, Alvi, F., Khan, S., Malik, S., Alotaibi, B. S., & Abu Hussain, M. (In press). A Comparative Study of Community Parks Lahore: Assessing Design, Amenities and User

Preferences. *Ain Shams Engineering*

- **Razzak, S., & Usama, N., Alvi, F.** (Under review). A Study of On-Street Parking Trends in Urban Single- Family Neighborhoods: Rethinking Car Porches as a Component of the Street Landscape. *the Journal of Research in Architecture and Planning (JRAP)*. https://irap.neduet.edu.pk/online_journal.
- **Razzak, S., & Usama, N, Alvi, F.** (Article manuscript in progress, to be submitted for publication in Spring 2024). Surjan Street: A Case of Sharing Via social media Leading to Regeneration of Architectural Heritage on Contemporary Footing.
- **Razzak, S.,** (Article manuscript in progress) Initiating Smart Living in Lahore with the aid of Smart Governance.

ACADEMIC RESEARCH REPORTS

- **Maryam Zamani Mosque, Lahore, Pakistan:** Completed documentation of the mosque, identification of building deterioration causes, and proposal of a conservation program. (2011)
- **Royal Trail Restoration project, Lahore:** Conducted research on conservation strategies applied during the Royal Train Restoration Project. (2012)
- **Jahangir Tomb, Shahdara Complex Lahore,** Researched causes of decay and remedies for fresco work in Jahangir Tomb. (2012)

CONFERENCE PRESENTATIONS

- Razzak, S. Role of Replication in Heritage Preservation. *The International Symposium on Architecture and Planning (ISAAP)* at UMT in Lahore, Pakistan (2022).
- **Razzak, S., & Saleem, S.** Rising from the Ruins: An Overview of the Role of Women in Disaster Mitigation. 2019. *Architectural Education towards Disaster Mitigation International Conference* at LCWU in Lahore, Pakistan.

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**
Title of Position : Senior Architect
Location of Assignment : Lahore, Pakistan
Period of Assignment : April 2022 to To-date

I managed diverse tasks vital to the success of several projects. Allow me to delve into specific details regarding some notable responsibilities I undertook:

- As a senior Architect at Hike Engineering Consultants, I managed diverse tasks vital to the success of numerous projects, demonstrating a blend of technical expertise, leadership, and collaborative skills.
- Leading multidisciplinary teams: I spearheaded collaborative efforts, working closely with architects, engineers, and other professionals to develop innovative design solutions that met client needs and project objectives.

- Design development: I oversaw the evolution of projects from conceptualization to realization, ensuring that design concepts were translated into feasible and aesthetically pleasing architectural solutions.
- Documentation and specification: I meticulously reviewed and curated project documentation, including drawings, specifications, and other technical documents, to maintain accuracy and compliance with regulatory standards.
- Integrating aesthetics with functionality: Balancing form and function, I applied principles of architectural design to create spaces that not only looked impressive but also served their intended purposes effectively.
- Client communication and coordination: Building strong relationships with clients was paramount. I maintained open lines of communication, providing regular updates, addressing concerns, and ensuring alignment with client expectations throughout the project lifecycle.
- On-site guidance during construction: My involvement extended beyond the design phase. I provided valuable insights during construction, offering guidance to contractors and craftsmen to ensure the faithful execution of design intent and adherence to quality standards.
- Proactive problem-solving: In a dynamic project environment, I remained proactive in identifying and addressing challenges, employing innovative problem-solving techniques to overcome obstacles and keep projects on track.
- Quality assurance: Upholding high standards of quality was non-negotiable. I implemented rigorous quality assurance processes, conducting thorough reviews and inspections to verify compliance with design specifications and industry standards.
- Continuous improvement: I embraced a mindset of continuous learning and improvement, staying abreast of emerging trends, technologies, and best practices in the field of architecture to enhance my skills and contribute to the firm's ongoing success.
- Overall, my role as a senior Architect at Hike Engineering Consultants encompassed a wide range of responsibilities, each essential to the successful delivery of architectural projects. Through effective leadership, collaboration, and attention to detail, I played a key role in shaping the built environment and creating spaces that inspired and enriched the lives of those who inhabited them.
- As a senior Architect at Hike Engineering Consultants, I managed diverse tasks vital to the success of numerous projects, demonstrating a blend of technical expertise, leadership, and collaborative skills.
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Key Projects

Project / Job : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.**

Client : Capital Development Authority (CDA).

Type : Multistoried Building (11 Stories).

Measurement : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT

Cost: : 7562 M

Brief : The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224 square feet.

Designed with meticulous attention to detail, the center is meticulously tailored to meet the diverse needs of legal professionals and litigants alike. Within its confines, one can find meticulously crafted spaces, including dedicated offices for lawyers, comfortable waiting areas for litigants, serene rest zones, inviting common rooms, and convenient tuck shops offering refreshments

Moreover, the center is equipped with a plethora of amenities aimed at enhancing user experience and convenience. From comprehensive parking facilities ensuring hassle-free access to a well-planned road network facilitating seamless connectivity, every aspect has been carefully considered. Additionally, a robust sewerage system and innovative rainwater collection chambers underscore the commitment to sustainability and environmental responsibility.

Project / Job : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**

Client : Punjab Irrigation Department.

Type : Multistoried Buildings (04 Stories).

Measurement : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT

Cost: : 744 M

Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.

Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering ample space for academic pursuits, accommodation, and communal activities. The New Campus of Government Academy Punjab GEAP stands as a testament to the state's commitment to education and infrastructure development, poised to foster learning and innovation in a conducive environment.

Project / Job : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**

Client : Punjab School System, Lahore.

Type : Multistoried Buildings (05 Stories).

Measurement : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT

Cost: : 1494 M

Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities.

The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single, cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

Furthermore, the campus prioritizes convenience by offering ample parking facilities equipped with parking sheds to accommodate the needs of students, staff, and visitors alike. This holistic approach to education infrastructure underscores the Punjab School System's commitment to

fostering excellence in education while ensuring a comfortable and enriching experience for all stakeholders.

Project / Job : **Diplex Salon**
Client : Punjab School System, Lahore.
Cost: : 200 M
Brief : Complete site supervision and handled construction issues on the site Collaborated in Concept and design Development Stage

Project / Job : **Residences at Askari**
Client : Private Client
Brief : Client consultations, conceptual and detailed design development, material selection, and regulatory compliance to create functional and aesthetically pleasing homes. They also coordinate with engineers, oversee construction, and conduct post-occupancy evaluations to ensure the project's success and client satisfaction on the site.
Collaborated in Concept and design Development Stage

Name of Employing Agency : **Groves Interiors DHA Lahore**
Title of Position : Team Leader
Location of Assignment : Lahore, Pakistan
Period of Assignment : 2016 to 2017

Elaborating on some of the key activities I performed during my tenure at Groves Interiors:

- Led daily operations at Grooves Interiors as a Team Leader, overseeing all aspects of showroom management and project execution.
- Managed a team of designers, craftsmen, and support staff, fostering a collaborative and high-performing work environment.
- Handled customer service issues promptly and professionally, ensuring client satisfaction and loyalty.
- Monitored project designs and execution, providing guidance and support to ensure adherence to quality standards and project timelines.
- Conducted client meetings to discuss project requirements, preferences, and expectations, translating client visions into actionable design plans.
- Collaborated with clients and internal teams to develop concept designs, layouts, and specifications that met aesthetic, functional, and budgetary requirements.
- Coordinated with suppliers, contractors, and vendors to procure materials, furnishings, and fixtures for projects, negotiating favorable terms and ensuring timely delivery.

- Reviewed project progress regularly, identifying potential challenges and implementing proactive solutions to keep projects on track and within budget.
- Maintained clear communication channels with clients, providing regular updates on project status, addressing concerns, and soliciting feedback to ensure alignment with client expectations.
- Upheld high standards of craftsmanship and attention to detail, conducting quality inspections and implementing corrective measures as needed to achieve flawless project outcomes.
- Managed project budgets effectively, tracking expenses, identifying cost-saving opportunities, and ensuring optimal resource allocation to maximize project profitability.
- Fostered a culture of continuous learning and improvement within the team, providing training, mentorship, and opportunities for professional development to enhance skills and expertise.
- Led daily operations at Grooves Interiors as a Team Leader, overseeing all aspects of showroom management and project execution.
- Managed a team of designers, craftsmen, and support staff, fostering a collaborative and high-performing work environment.
- Handled customer service issues promptly and professionally, ensuring client satisfaction and loyalty.
- Monitored project designs and execution, providing guidance and support to ensure adherence to quality standards and project timelines.
- Conducted client meetings to discuss project requirements, preferences, and expectations, translating client visions into actionable design plans.
- Collaborated with clients and internal teams to develop concept designs, layouts, and specifications that met aesthetic, functional, and budgetary requirements.
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- Managed project budgets effectively, tracking expenses, identifying cost-saving opportunities, and ensuring optimal resource allocation to maximize project profitability.
- Fostered a culture of continuous learning and improvement within the team, providing training, mentorship, and opportunities for professional development to enhance skills and expertise.

Key Projects

Project / Job : **Jazz Café, MM Alam Road**
Client : Jazz
Type : Café
Cost: : 200 M
Brief : Responsible for guiding the project from conceptualization to completion, their leadership ensured adherence to client specifications, regulatory standards, and quality benchmarks, resulting in a vibrant and inviting space that captivates visitors with its charm and sophistication.

Main Project Features: The main features of the Jazz Cafe Lahore on MM Alam Road include modern interior design, spacious seating arrangements, a variety of food and beverage options, live music performances, and a vibrant ambiance.

Name of Employing Agency : **Maskan Associates, Lahore**
Title of Position : Senior Architect
Location of Assignment : Lahore, Pakistan
Period of Assignment : 2012 to 2016

Elaborating on some of the key activities I performed during my tenure at Maskan Associates:

- Acted as the primary point of contact for clients, managing relationships, addressing inquiries, and ensuring client satisfaction throughout the project lifecycle. Conducted regular meetings to discuss project requirements, provide updates, and gather feedback to align design solutions with client expectations.
- Provided on-site supervision and oversight during the construction phase, ensuring that project plans were implemented accurately, quality standards were maintained, and construction activities progressed according to schedule. Monitored work progress, addressed issues as they arose, and coordinated with contractors and subcontractors to resolve any discrepancies or delays.
- Played a role in the development and mentoring of junior staff members, providing guidance, training, and support to enhance their skills and professional growth within the firm. Fostered a collaborative and supportive work environment, encouraging teamwork and continuous learning among team members.
- Contributed to the initial phase of project development by conducting research, gathering data, and analyzing site conditions to inform design decisions. Prepared presentations and reports to communicate design concepts, project goals, and feasibility assessments to clients and stakeholders.

- Conducted comprehensive feasibility studies to assess the viability of proposed projects, evaluating factors such as site conditions, regulatory requirements, budget constraints, and market demand. Prepared detailed reports outlining project objectives, scope, risks, and potential outcomes to guide decision-making and project planning processes.
- Leveraged artistic vision, technical expertise, and innovative thinking to develop imaginative and functional design solutions that met client needs, project objectives, and regulatory requirements. Collaborated with design teams to generate concepts, explore alternatives, and refine designs through iterative processes, resulting in unique and compelling architectural solutions.
- Conducted thorough analysis of client requirements, site conditions, and regulatory constraints to develop tailored design solutions that aligned with project goals and objectives.
- Collaborated closely with multidisciplinary teams including engineers, planners, and consultants to integrate various design elements and ensure holistic project outcomes.
- Conducted regular design reviews and critiques to evaluate project progress, identify opportunities for improvement, and refine design concepts as needed.
- Prepared detailed architectural drawings, specifications, and construction documents using industry-standard software tools to communicate design intent and technical requirements to stakeholders.
- Conducted research on emerging trends, materials, and technologies in the field of architecture, incorporating innovative approaches and sustainable practices into design proposals.
- Participated in community engagement activities and public consultations to gather feedback, address concerns, and build consensus around proposed design solutions.
- Provided leadership and guidance to project teams, fostering a collaborative and supportive work environment that encouraged creativity, professionalism, and excellence in architectural practice.
- Maintained a strong commitment to quality assurance and control, conducting regular site inspections and quality checks to ensure that construction activities met established standards and specifications.
- Acted as a liaison between clients, contractors, and regulatory authorities, facilitating effective communication and resolving issues to ensure successful project outcomes.
- Demonstrated financial acumen by managing project budgets, tracking expenses, and identifying cost-saving opportunities while maintaining high standards of design and construction quality.
- Upheld ethical standards and professional integrity in all aspects of architectural practice, adhering to applicable codes of conduct and regulations governing the profession.

Name of Employing Agency : **Takhleeq Associates, Lahore**
 Title of Position : Project-based Senior Architect
 Location of Assignment : Lahore, Pakistan

Period of Assignment : 2014

Elaborating on some of the key activities I performed during my tenure at Elite Engineering:

- Refined schematic drawings of the restaurant: Played a key role in refining and enhancing schematic drawings for restaurant projects, ensuring that design concepts were translated accurately and effectively into visual representations that aligned with client preferences and project requirements.
- Reviewed working drawings: Conducted thorough reviews of working drawings, including architectural plans, elevations, sections, and details, to verify accuracy, consistency, and compliance with design standards and specifications. Identified discrepancies and resolved issues to ensure that working drawings were comprehensive and ready for construction.
- Collaborated in designs and details of interiors and finishes: Collaborated closely with interior designers, contractors, and other stakeholders to develop cohesive design concepts for restaurant interiors. Contributed creative ideas and expertise to the selection of finishes, materials, fixtures, and furnishings, ensuring that design solutions were both aesthetically pleasing and functional. Reviewed interior layouts, furniture arrangements, and lighting plans to optimize space utilization and create inviting and immersive dining environments.
- Refined schematic drawings of the restaurant: Played a key role in refining and enhancing schematic drawings for restaurant projects, ensuring that design concepts were translated accurately and effectively into visual representations that aligned with client preferences and project requirements.
- Reviewed working drawings: Conducted thorough reviews of working drawings, including architectural plans, elevations, sections, and details, to verify accuracy, consistency, and compliance with design standards and specifications. Identified discrepancies and resolved issues to ensure that working drawings were comprehensive and ready for construction.
- Collaborated in designs and details of interiors and finishes: Collaborated closely with interior designers, contractors, and other stakeholders to develop cohesive design concepts for restaurant interiors. Contributed creative ideas and expertise to the selection of finishes, materials, fixtures, and furnishings, ensuring that design solutions were both aesthetically pleasing and functional. Reviewed interior layouts, furniture arrangements, and lighting plans to optimize space utilization and create inviting and immersive dining environments.

Key Projects

Project / Job : **Tokyo Restaurant, MM Alam Road**
Client : Tokyo Restaurant
Type : Restaurant
Cost: : 200 M
Brief : Led the design development, ensuring compliance with regulatory standards and client expectations. Managed the project from inception to completion, overseeing team members, coordinating

with stakeholders, and maintaining quality control throughout the process. Additionally, fostered innovation, creativity, and sustainability in the architectural design, resulting in a successful and aesthetically pleasing dining establishment. With traditional Japanese architecture and minimalist design, it offers patrons a tranquil dining experience. Featuring a sushi bar, teppanyaki grill, and private dining options, it caters to both intimate gatherings and lively dining occasions, all while delivering premium service and high-quality ingredients.

Name of Employing Agency : **Raes Faheem Associates Lahore**
Title of Position : Junior Architect
Location of Assignment : Lahore, Pakistan
Period of Assignment : 2001 to 2004

Elaborating on some of the key activities I performed during my tenure at Raes Faheem Associates Lahore:

- Assisted seniors in planning and designing various commercial and residential projects: Supported senior architects in the development of architectural concepts, schematic designs, and construction drawings for a wide range of projects, including commercial buildings, residential complexes, and mixed-use developments. Contributed creative ideas and technical expertise to the design process, collaborating closely with project teams to meet client objectives and project requirements.
- Conducted site inspections: Participated in on-site visits to assess project sites, evaluate existing conditions, and gather relevant data for design development. Assisted in the documentation of site observations, including measurements, photographs, and notes, to inform design decisions and ensure alignment with site constraints and regulatory requirements.
- Labor dealing: Engaged in communication and coordination with construction laborers and subcontractors to facilitate smooth project execution. Assisted in organizing and supervising construction activities, ensuring that work was carried out according to specifications, schedules, and quality standards.
- Finishing material selections: Assisted in the selection and specification of finishing materials, fixtures, and furnishings for interior and exterior spaces. Collaborated with design teams and clients to evaluate material options, considering factors such as durability, aesthetics, sustainability, and cost-effectiveness.
- Market surveys with clients: Conducted market surveys and research to gather information on industry trends, market demand, and competitor analysis. Assisted in presenting findings to clients and stakeholders, providing valuable insights to inform project decisions and strategies for success.

TEACHING EXPERIENCE

Name of Employing Agency	:	COMSATS University Lahore Campus, Lahore.
Title of Position	:	Visiting Assistant Professor
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	2022 onwards
Name of Employing Agency	:	Lahore College for Women University, Lahore
Title of Position	:	Visiting Assistant Professor
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	2023 onwards
Name of Employing Agency	:	Institute for Art and Culture
Title of Position	:	Assistant Professor
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	2021-2022
Name of Employing Agency	:	Superior University, Lahore
Title of Position	:	Assistant Professor
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	2019 to 2021
Name of Employing Agency	:	Lahore College for Women University, Lahore
Title of Position	:	Visiting Assistant Professor.
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	2017 to 2019
Name of Employing Agency	:	Bahhaudin Zakariya University, Multan
Title of Position	:	Lecturer
Location of Assignment	:	Southern Punjab, Pakistan
Period of Assignment	:	April 1993 to August 1994
Name of Employing Agency	:	University of Engineering and Technology, Lahore
Title of Position	:	Lecturer (Visiting Faculty)
Location of Assignment	:	Lecturer, Pakistan
Period of Assignment	:	2003 to 2004

PROFESSIONAL AFFILIATIONS

Registered Architect, Pakistan Council for Architects and Town Planners Since 2008
Institute of Architects of Pakistan since 2012

CURRICULUM VITAE

Name : **ZAHIDA HUMERA SHAFI**
Father's Name : Mian Muhammad Shafi
Address : H#4-U, Phase 2, Defence Housing Authority, Lahore
Phone No : +92-42-35731390
Cell No. : +92-321-4935489
Date & Place of Birth : August 01, 1972, (Punjab), Pakistan
Religion : Islam
Domicile : Lahore, Punjab, Pakistan
Nationality : Pakistan
Marital Status : Single
Profession : Economist
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Feasibility Analyst & Economist
Specialization in Firm : Feasibility Analyst & Economist
Year of Joining Firm : Feb, 2022

PERSONAL OUTLINES

As an accomplished economist and seasoned banking professional with over two decades of experience, I am deeply committed to contributing my expertise to innovative and challenging projects. My journey in the financial sector began with a solid educational background, including an MBA in Finance from The International University and an M.A. in Economics from The University of Punjab. This academic foundation equipped me with strong analytical abilities and a comprehensive understanding of economic principles, laying the groundwork for a successful career.

During my tenure at Askari Bank Limited, where I served as In-charge Credits and Senior Relationship Manager, I managed a funded credit portfolio of Rs. 2 billion. My responsibilities encompassed a wide range of tasks, including credit risk analysis, financial planning, and portfolio management. I spearheaded efforts to evaluate credit risk, monitor portfolio performance, and ensure compliance with regulatory requirements. Through proactive monitoring and diligent risk assessment, I successfully mitigated potential defaults and minimized financial risks, contributing to the bank's overall stability and profitability.

Prior to my role at Askari Bank Limited, I gained invaluable experience at Allied Bank of Pakistan, where I held various positions including Branch Manager and In charge Credits. During my seven-year tenure, I honed my skills in relationship management, credit analysis, and financial restructuring, demonstrating a track record of excellence and dedication to achieving organizational goals.

Currently, as an Economist at Hike Engineering Consultants, I collaborate with civil engineers to estimate the costs of construction projects and assess their economic viability. Leveraging economic models and data analysis techniques, I provide accurate cost estimates and identify cost-saving opportunities to optimize project financing structures and enhance profitability.

Throughout my career, I have demonstrated adaptability, resolve, and perseverance in tackling complex challenges and driving business growth. My strong communication and negotiating skills, coupled with a commitment to honesty and integrity, have enabled me to build strong relationships with clients and colleagues alike.

With a passion for excellence and a proven track record of success, I am confident in my ability

to add value and thrive in any challenging environment.

EDUCATION

Qualification	University / Institution	Year
M.A. Economics	The University of Punjab, Lahore	1995
MBA-Finance	The International University	1993
Bachelor of Arts	Queen Mary College for women, Lahore	1991
Intermediate	Queen Marry College for women, Lahore	1989
Matriculation	F G Public School, Bahawalpur	1987

PROFESSIONAL COURSES / TRAINING

- Course on “Advances” organized by Askari Bank Limited, Training Academy at Rawalpindi & Lahore
- Training on “ICC Uniform Rules for Demand Guarantees”
- “Financial Analysis, Strategic Decision Making and Credit Training”
- Workshop on “High Performance Customer Services”
- Workshop on “Credit Risk Administration”
- Course on “Financial Analysis, Credit Analysis & Risk Management and Financial Restructuring”
- Trainings on “SBP Prudential Regulations and Credit Risk Rating”

LANGUAGES

- Good communication skills in Urdu and English
- Proficient in writing official drafts in English and Urdu

SKILLS

- Good communication and negotiating skills
- Honesty, integrity and multitasking ability
- Conversant with Windows Operating System – MS Office, Login System, Internet and e-mail Facility

EXPERIENCE

Name of Employing Agency	:	M/s Hike Engineering Consultants
Title of Position	:	Economist
Location of Assignment	:	Lahore, Pakistan
Period of Assignment	:	Feb 2022 to To-date

I handled a variety of essential responsibilities across multiple projects. Let me provide more details on some of the significant tasks I conducted:

- Collaborated closely with civil engineers to estimate the costs of construction projects, analyzing factors such as materials, labor, equipment, and overhead expenses to provide

accurate cost estimates.

- Conducted feasibility studies to assess the economic viability of proposed civil engineering projects, evaluating market demand, economic trends, and financial risks to determine project feasibility and potential returns on investment.
- Assisted in financial planning for civil engineering projects by developing budgetary forecasts, cash flow projections, and financial models, analyzing project financing options to optimize structures and minimize financial risks.
- Engaged in business development initiatives to identify and capitalize on new opportunities for promoting business growth and expanding market presence.
- Played a pivotal role in formulating comprehensive project plans, establishing clear objectives, delineating project scopes, and devising detailed schedules and budgets to guide project execution effectively.
- Managed project resources, including manpower, materials, and equipment, to optimize utilization and ensure timely project completion within allocated budgets.
- Served as the primary point of contact for all project stakeholders, fostering effective communication channels and providing regular updates on project progress to ensure stakeholder alignment and satisfaction.
- Identified and evaluated potential project risks, developing robust risk mitigation strategies and implementing proactive measures to minimize risks and ensure project success.
- Conducted post-project reviews and evaluations to assess outcomes, identify lessons learned, and incorporate feedback into future project planning and execution.
- Contributed to the development of organizational strategies and business plans by providing insights, recommendations, and data-driven analysis to support decision-making processes.
- Led the coordination efforts between various departments within the organization to ensure seamless project execution and alignment with client specifications and expectations.
- Conducted in-depth research and analysis of market trends, industry benchmarks, and competitor strategies to inform decision-making and strategy development.
- Developed and maintained strong relationships with clients, stakeholders, and regulatory bodies to facilitate project approvals, resolve issues, and foster long-term partnerships.
- Participated in project meetings, site visits, and progress reviews to monitor project milestones, address challenges, and implement corrective actions as needed.
- Provided leadership and guidance to project teams, fostering a collaborative and supportive work environment conducive to high performance and innovation.
- Contributed to the development and implementation of quality assurance and control processes to ensure adherence to industry standards and best practices.
- Leveraged technology and data analytics tools to optimize project management processes, enhance productivity, and drive continuous improvement.
- Represented the organization at industry events, conferences, and seminars to showcase capabilities, share insights, and network with potential clients and partners.
- Supported the development of proposals, bids, and tender documents by providing technical expertise, cost estimations, and value-added recommendations.

- Actively participated in training and professional development activities to stay abreast of industry developments, acquire new skills, and enhance professional competencies.
- Led the coordination efforts between various departments within the organization to ensure seamless project execution and alignment with client specifications and expectations.
- Conducted in-depth research and analysis of market trends, industry benchmarks, and competitor strategies to inform decision-making and strategy development.
- Developed and maintained strong relationships with clients, stakeholders, and regulatory bodies to facilitate project approvals, resolve issues, and foster long-term partnerships.
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KEY PROJECTS

- Project : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.**

Client : Capital Development Authority (CDA).

Type : Multistoried Building (11 Stories).

Measurement : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT

Cost: : 7562 M

Brief : The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224 square feet.

Designed with meticulous attention to detail, the center is meticulously tailored to meet the diverse needs of legal professionals and litigants alike. Within its confines, one can find meticulously crafted spaces, including dedicated offices for lawyers, comfortable waiting areas for litigants, serene rest zones, inviting common rooms, and convenient tuck shops offering refreshments

Moreover, the center is equipped with a plethora of amenities aimed at enhancing user experience and convenience. From comprehensive parking facilities ensuring hassle-free access to a well-planned road network facilitating seamless connectivity, every aspect has been carefully considered. Additionally, a robust sewerage system and innovative rainwater collection chambers underscore the commitment to sustainability and environmental responsibility.

- **Project** : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**
- Client : Punjab Irrigation Department.
- Type : Multistoried Buildings (04 Stories).
- Measurement : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
- Cost: : 744 M
- Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering ample space for academic pursuits, accommodation, and communal activities. The New Campus of Government Academy Punjab GEAP stands as a testament to the state's commitment to education and infrastructure development, poised to foster learning and innovation in a conducive environment.

- **Project** : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
- Client : Punjab School System, Lahore.
- Type : Multistoried Buildings (05 Stories).
- Measurement : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT
- Cost: : 1494 M
- Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities.
The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single,

cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

Furthermore, the campus prioritizes convenience by offering ample parking facilities equipped with parking sheds to accommodate the needs of students, staff, and visitors alike. This holistic approach to education infrastructure underscores the Punjab School System's commitment to fostering excellence in education while ensuring a comfortable and enriching experience for all stakeholders.

Name of Employing Agency : **Askari Bank Limited**
Title of Position : In-charge Credits / SRM
Location of Assignment : Lahore, Pakistan
Period of Assignment : June 2002 to Feb 2022

Elaborating on some of the key activities I performed during my tenure at Askari Bank Limited:

- Managed a funded credit portfolio of Rs. 2 billion, overseeing a diverse range of existing client relationships while actively cultivating new business opportunities to drive portfolio growth and profitability.
- Conducted thorough interviews and assessments of prospective clients to evaluate their borrowing needs and financial viability, and formulated comprehensive credit proposals for approval by appropriate authorities.
- Conducted regular visits to clients' premises to monitor operations, assess business performance, and identify opportunities for cross-selling additional banking products and services.
- Conducted comprehensive credit risk analyses and assessments to evaluate the creditworthiness of borrowers, ensuring adherence to established risk management policies and procedures.
- Monitored portfolio performance on an ongoing basis to identify potential defaults and delayed recoveries, and implemented proactive measures to mitigate risks and minimize financial losses.
- Conducted financial analyses and reviews to assess portfolio health and compliance with regulatory requirements, and implemented corrective actions as necessary to ensure ongoing portfolio soundness.
- Collaborated with internal stakeholders, including credit committees, legal teams, and senior management, to address credit-related issues and resolve disputes in a timely and effective manner.
- Participated in the development and implementation of credit policies, procedures, and controls to enhance credit risk management practices and ensure compliance with regulatory guidelines.
- Provided leadership and guidance to junior team members, fostering a culture of excellence, integrity, and continuous improvement within the credit department.
- Actively engaged in training and professional development activities to stay abreast of

industry trends, regulatory changes, and best practices in credit risk management.

- Developed and maintained strong relationships with existing clients, serving as their primary point of contact for all banking-related matters and ensuring high levels of client satisfaction and retention.
- Actively pursued new business opportunities by identifying potential clients, conducting market research, and leveraging networking opportunities to expand the bank's customer base and increase market share.
- Collaborated with cross-functional teams to develop customized financial solutions and product offerings tailored to meet the unique needs and objectives of clients across various industries and sectors.
- Conducted comprehensive credit assessments and due diligence processes to evaluate the creditworthiness of borrowers and assess the risk profile of lending transactions, ensuring alignment with the bank's risk appetite and credit policies.
- Managed the credit adjudication process, reviewing credit proposals and making recommendations for approval or decline based on thorough analysis and assessment of borrower financials, collateral, and repayment capacity.
- Monitored credit portfolio performance and conducted regular portfolio reviews to identify potential areas of concern, proactively manage credit risk, and optimize portfolio quality and profitability.
- Played a key role in the development and implementation of credit risk management strategies, policies, and procedures to enhance the bank's risk management framework and ensure compliance with regulatory requirements.
- Acted as a subject matter expert on credit risk management matters, providing guidance and support to colleagues and stakeholders and sharing insights and best practices to drive continuous improvement and excellence in credit risk management practices.
- Participated in industry forums, seminars, and workshops to stay updated on emerging trends, regulatory changes, and best practices in credit risk management, and applied knowledge gained to enhance the bank's risk management capabilities.
- Developed and maintained strong relationships with existing clients, serving as their primary point of contact for all banking-related matters and ensuring high levels of client satisfaction and retention.
- Actively pursued new business opportunities by identifying potential clients, conducting market research, and leveraging networking opportunities to expand the bank's customer base and increase market share.
- Collaborated with cross-functional teams to develop customized financial solutions and product offerings tailored to meet the unique needs and objectives of clients across various industries and sectors.
- Conducted comprehensive credit assessments and due diligence processes to evaluate the creditworthiness of borrowers and assess the risk profile of lending transactions, ensuring alignment with the bank's risk appetite and credit policies.
- Managed the credit adjudication process, reviewing credit proposals and making recommendations for approval or decline based on thorough analysis and assessment of borrower financials, collateral, and repayment capacity.

- Monitored credit portfolio performance and conducted regular portfolio reviews to identify potential areas of concern, proactively manage credit risk, and optimize portfolio quality and profitability.
- Played a key role in the development and implementation of credit risk management strategies, policies, and procedures to enhance the bank's risk management framework and ensure compliance with regulatory requirements.
- Acted as a subject matter expert on credit risk management matters, providing guidance and support to colleagues and stakeholders and sharing insights and best practices to drive continuous improvement and excellence in credit risk management practices.
- Participated in industry forums, seminars, and workshops to stay updated on emerging trends, regulatory changes, and best practices in credit risk management, and applied knowledge gained to enhance the bank's risk management capabilities.

Name of Employing Agency : **Allied Bank of Pakistan**

Title of Position : Branch Manager/ In-charge Credits/ Instructor

Location of Assignment : Lahore, Pakistan

Period of Assignment : Sep 1996 to June 2002

Elaborating on some of the key activities I performed during my tenure at Askari Bank Limited:

- Led strategic initiatives to enhance branch performance and achieve key performance indicators (KPIs), such as deposit growth, loan disbursement targets, and customer acquisition goals.
- Implemented customer-centric initiatives to improve service quality, streamline processes, and enhance the overall banking experience for clients, resulting in increased customer satisfaction and loyalty.
- Conducted regular audits and internal reviews to ensure compliance with regulatory requirements, internal policies, and industry standards, identifying and addressing any non-compliance issues or areas for improvement.
- Leveraged market insights and competitor analysis to identify market opportunities and develop targeted marketing campaigns and promotional activities to attract new customers and retain existing ones.
- Actively participated in community engagement activities and corporate social responsibility (CSR) initiatives to support the bank's commitment to giving back to society and contributing to the welfare of the community.
- Collaborated with product development teams to introduce innovative banking products and services that meet the evolving needs and preferences of customers, driving revenue growth and market differentiation.
- Cultivated strong relationships with key stakeholders, including government officials, business leaders, and industry influencers, to foster a positive image of the bank and facilitate strategic partnerships and collaborations.
- Conducted regular performance evaluations and provided feedback and coaching to branch

staff to drive employee engagement, motivation, and performance improvement.

- Stayed well-informed of industry trends, regulatory changes, and best practices in banking and finance through continuous learning and professional development activities, ensuring up-to-date knowledge and expertise in the field.
- Represented the bank at industry conferences, seminars, and networking events to enhance visibility, build relationships, and identify business opportunities for the bank.
- Spearheaded initiatives to digitize and modernize banking processes and services, driving the adoption of online banking platforms, mobile banking apps, and digital payment solutions to enhance convenience and accessibility for customers.
- Developed and implemented risk management strategies to identify, assess, and mitigate various types of risks, including credit risk, operational risk, and compliance risk, ensuring the bank's financial stability and resilience.
- Played a key role in the development and implementation of credit policies, procedures, and underwriting standards to ensure prudent lending practices and minimize credit losses.
- Actively engaged in talent acquisition and retention efforts, participating in recruitment processes, conducting interviews, and providing mentoring and professional development opportunities to staff to nurture a high-performance culture.
- Led cross-functional teams in the execution of special projects and initiatives, such as branch expansions, technology upgrades, and process improvements, to drive operational excellence and business growth.
- Acted as a liaison between the bank and regulatory authorities, providing timely and accurate reporting, responding to inquiries, and ensuring compliance with regulatory requirements and directives.
- Collaborated with internal audit teams to conduct periodic audits and reviews of branch operations, ensuring adherence to internal controls, policies, and procedures, and addressing any audit findings or deficiencies in a timely manner.
- Developed and maintained strong relationships with corporate clients, government agencies, and institutional partners, identifying opportunities for collaboration and business development to expand the bank's corporate and commercial banking portfolio.
- Championed initiatives to promote financial literacy and inclusion, organizing seminars, workshops, and educational programs to empower individuals and communities with knowledge and skills to make informed financial decisions.
- Contributed to the development of the bank's strategic plans and objectives, providing input and recommendations based on market analysis, customer feedback, and industry trends to drive sustainable growth and profitability.

CURRICULUM VITAE

Position of Title and No	:	Senior Electrical Project Engineer
Name	:	Abdul Haseeb Hussain Malik
Father's Name	:	Muhammad Hussain Malik
Country of Citizenship/ Residence	:	Pakistan
Nature of Input	:	Full Time
Date of Birth	:	02-July-1988
Religion	:	Islam
Domicile	:	Lahore, Punjab, Pakistan
Nationality	:	Pakistan
Marital Status	:	Married
Profession	:	Electrical Engineer
Present Employer	:	M/s Hike Engineering Consultants
Present Position in Firm	:	Electrical Engineer
Specialization in Firm	:	Electrical Design
Year of Joining Firm	:	June 2022

PERSONAL OUTLINES

As a dedicated and experienced Electrical Engineer, I have built a comprehensive career in diverse sectors such as solar energy, renewable energy, public health engineering, and lighting, with experience working in both Pakistan and the UAE. With a Bachelor's degree in Electrical Engineering from Hamdard University Karachi (Islamabad campus), I have honed my skills and knowledge over the years in roles such as Senior Electrical Project Engineer, Electrical Engineer for Operations & Maintenance, Estimation Engineer-Electrical, and Site Engineer-Electrical.

Throughout my career, I have been involved in various key areas, including the estimation, installation, and maintenance of solar systems, electrical systems for public health engineering projects, and lighting solutions. I have a proven track record in project estimation, preparation of BOQs, BOMs, and RFQs, as well as preparing purchase orders (POs) and ensuring that all materials and systems meet client specifications. My responsibilities have also included performing site assessments, energy demand estimations, and collaborating with clients and stakeholders to ensure project success.

In my recent role as Senior Electrical Project Engineer at Hike Engineering Consultants, I led site evaluations and solar system estimations, delivering customized solutions to meet the financial goals of clients. I've also been involved in high-profile public health engineering projects in Pakistan, particularly in water tube wells installation and rehabilitation, where I applied my expertise in fault finding, transformer maintenance, and system installations.

Having worked with reputed organizations such as ZKB, Al Khalili Group, Sunlight for LED & Renewable Energy, and Mazcorp Engineering Services, I have gained hands-on experience in electrical installations, system diagnostics, and project management. My professional journey reflects my adaptability, problem-solving abilities, and strong communication skills, allowing me to work effectively with teams, consultants, and clients across multiple projects.

I am committed to furthering my career by leveraging my technical expertise, leadership abilities, and passion for renewable energy and electrical systems to contribute to impactful, sustainable projects in both local and international settings.

EDUCATION

Qualification	University / Institution	Year
BS Electrical Engineering	Hamdard University Karachi (Islamabad campus), Pakistan	2011-2015

LANGUAGES

- **English:** Proficient in verbal and written communication; experienced in drafting technical reports, official documents, and conducting professional training sessions.
- **Urdu:** Exceptional communication skills in both formal and informal contexts; adept at preparing comprehensive technical and managerial drafts.
- **Punjabi:** Fluent in spoken Punjabi; effectively utilized for interpersonal and professional communication across various regional settings.

SKILLS

- Extensive experience in the estimation, installation, and maintenance of solar systems, including panel sizing, inverters, and safety accessories.
- Proficient in preparing BOQs, BOMs, RFQs, and POs for electrical systems, ensuring alignment with project requirements and client specifications.
- Strong background in fault diagnosis and troubleshooting for diesel generator sets, water pumps, and electrical systems.
- Skilled in the operation and maintenance of motors, transformers, and generators, ensuring system reliability and performance.
- Proficient in AutoCAD for reading drawings, material take-offs, and preparing detailed design and installation plans.
- In-depth knowledge of electrical systems for water tube wells, including the installation, maintenance, and testing of electrical components.
- Experience in preparing method statements, reviewing shop drawings, and coordinating with consultants for RFIs and material submissions.
- Excellent team management skills, with the ability to lead and coordinate work schedules, ensuring timely project completion.
- Strong technical and communication skills, able to liaise effectively with clients, consultants, and suppliers to ensure project alignment and successful execution.

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**
Title of Position : Senior Electrical Project Engineer

Location of Assignment : Lahore, Pakistan
Period of Assignment : June 2022 to To-date

As a Senior Electrical Project Engineer at Hike Engineering Consultants, I have been responsible for overseeing and managing the execution of complex electrical projects in energy sectors. My key responsibilities include:

- Leading physical site surveys and assessments to determine the feasibility of solar installations and other electrical systems. This includes evaluating energy demands, space availability, and environmental factors to design optimal electrical systems.
- Estimating and sizing solar systems, including selecting appropriate panels, inverters, and safety accessories based on project requirements. I also estimate the total cost of the system, ensuring that all components align with client budgets and energy goals.
- Preparing detailed Bills of Quantities (BOQs) and Bills of Materials (BOMs) based on issued-for-construction (IFC) drawings. This involves reviewing project specifications and ensuring that all required materials are included in the project plan.
- Sending RFQs (Request for Quotations) to vendors and suppliers to procure materials as per the BOQs. I also manage the preparation of Purchase Orders (POs) and ensure that all materials are delivered on time and meet quality standards.
- Assisting the CEO, clients, and other stakeholders in project planning and execution, providing regular updates on project status, timelines, and budgets. I work closely with cross-functional teams to ensure alignment with project goals.
- Estimating the required energy production for each project, considering factors like client financial goals and system performance. This ensures the designed solar system will meet the energy needs while maintaining cost-effectiveness.
- Overseeing the installation of electrical systems, including solar panels, inverters, and wiring, ensuring that all installations are in compliance with safety standards and engineering specifications. I also supervise the installation of other electrical components such as transformers and backup systems.
- Preparing and maintaining comprehensive project documentation, including site reports, material tracking, and progress updates. This also involves preparing reports for clients and stakeholders regarding project milestones, challenges, and solutions.
- Ensuring that all projects adhere to safety standards and regulatory requirements, including electrical codes and health and safety protocols. This involves conducting safety audits and inspections to prevent potential risks and ensure safe working conditions.
- Managing project costs and budgets, ensuring that the project is completed within the financial constraints while maintaining the highest standards of quality. This includes tracking expenditures, identifying cost-saving opportunities, and making adjustments where necessary.
- Leading and mentoring junior engineers, technicians, and contractors on-site. I ensure that all team members are properly trained on system installations, safety procedures, and operational tasks. Additionally, I foster a collaborative work environment to ensure timely project completion.

- Acting as the primary point of contact for clients, addressing their concerns, providing technical advice, and ensuring satisfaction with project deliverables. This includes advising clients on energy efficiency measures, system upgrades, and potential improvements.

Key Projects

Project / Job	:	Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.
Client	:	Capital Development Authority (CDA).
Type	:	Multistoried Building (11 Stories).
Measurement	:	Covered Area: 1,219,688 SFT Plot Area: 270,224 SFT
Cost:	:	7562 M
Brief	:	The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224 square feet.
Project / Job	:	New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.
Client	:	Punjab Irrigation Department.
Type	:	Multistoried Buildings (04 Stories).
Measurement	:	Covered Area: 99,187 SFT Plot Area: 75,000 SFT
Cost:	:	744 M
Brief	:	Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
Project / Job	:	Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.
Client	:	Punjab School System, Lahore.
Type	:	Multistoried Buildings (05 Stories).
Measurement	:	Covered Area: 293,074 SFT

Plot Area: 234,000 SFT

Cost: : 1494 M

Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single, cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

- Project : **Takbeer Tower at McLeod Road at Lakshami Chowk, Lahore.**

Client : Punjab School System, Lahore.

Type : Multistoried Commercial Building (05 Stories).

Measurement(s) : Covered Area: 182000 SFT
Plot Area: 54,000 SFT

Cost : PKR 1306 M

Brief : "Takbeer Tower" stands tall as a 13-story edifice, strategically situated at the bustling intersection of McLeod Road and Cooper Road in Lakshami Chowk, Lahore. This architectural & engineering marvel replaces the iconic Moon Light Cinema, long a landmark in the heart of Lahore. Crafted as a skeletal frame structure, the tower boasts three basement levels primarily designated for parking convenience. Ascending from the lower basement to the fifth floor, a diverse array of commercial spaces and shops will be housed, catering to the dynamic needs of the locality. The upper floors are earmarked for office spaces, providing a professional hub amidst the urban hustle. Adding to its allure, Takbeer Tower reserves one floor exclusively for entertainment, featuring enticing amenities like food courts and a cinema. This dedicated space promises a multifaceted experience, ensuring visitors find both business and leisure under one roof.

- Project : **Plant Building for Multipurpose (Paracetamol) & 7AVCA Plant including Tank yard and Utility Area for Pharmagen Limited at Ferozpur Road, Lahore.**

Client : Pharmagen Limited, Lahore.

Type : Multistoried Industrial Plant Buildings (05 Stories).

Measurement(s) : Covered Area: 58,630 SFT
Cost : PKR 340 M
Brief : Pharmagen Limited has earned international acclaim for its contributions to the pharmaceutical industry. They are expanding their production capabilities by increasing the existing Paracetamol production capacity to 300TPD at their Multipurpose plant. Additionally, they are embarking on the construction of a new 7AVCA Plant in the same vicinity, accompanied by the establishment of a tank yard and utility area. These facilities consist of multi-storied plant buildings with a total covered area exceeding 58,630 square feet, spanning across five functional floors. This expansion marks a significant step towards Pharmagen Limited's commitment to advancing pharmaceutical manufacturing and innovation.

- Project : **Warehouse at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
Client : Nimir Industrial Chemicals
Type : Industrial Building & Structures
Measurement(s) : 209,064 SFT
Cost : PKR 378 M
Brief : Nimir Industrial Chemicals, a prominent figure in the chemical industry, revolutionized its operational infrastructure with the construction of a cutting-edge warehouse facility in Bahkki, Sheikhpura. This industrial building spanned an impressive 209,064 square feet, representing a significant investment of PKR 378 million. With this project, Nimir Industrial Chemicals reaffirmed its commitment to excellence and innovation in industrial building and structures, setting new standards for efficiency and functionality in the chemical manufacturing sector.
- Project : **Grid Station and Power House at Interloop HD-5, Khurrianwala, Faisalabad.**
Client : Interloop Limited.
Type : Industrial & Power Structures
Measurement(s) : N/A
Cost : PKR 218 M
Brief : The Interloop HD-5, located in Khurrianwala, Faisalabad, is part of Interloop Limited, one of Pakistan's largest hosiery manufacturers. They have a significant presence in the region and are known for their commitment to sustainability and innovation. The company has multiple facilities, including a grid station and power house, which are part of their efforts to ensure efficient energy use and minimize environmental impact. They also have a 2.0 MW Solar Project at the Interloop Industrial Park aimed at producing renewable energy⁴. If you're looking for more information on their sustainability projects or any other details, reaching out to them directly would be the best course of action.
This project, with an investment of PKR 218 million, aimed to enhance the facility's power infrastructure to meet growing operational demands.

Serving as a critical component of industrial and power structures, this initiative demonstrates Interloop's commitment to sustainable growth and operational excellence in the textile sector.

- **Project** : **Soap line Plant, Shampoo & Hand Sanitizer Plant, Brick Plant, Chlorine Caustic Soda Plant at Nimir Industrial Chemicals, Bahkki, Sheikhpura.**
 - Client** : Nimir Industrial Chemicals
 - Type** : Industrial Building & Structures
 - Measurement(s)** : 80,556 SFT
 - Cost** : PKR 819 M
 - Brief** : Nimir Industrial Chemicals Ltd., located in Bhikhi, Sheikhpura, has been actively engaged in various expansion projects and the establishment of new plants. They upgraded their fatty acid and soap noodle plant to increase capacity for manufacturing oleo chemicals, including soap noodles used in soap production, and established facilities with multiple high-speed lines for the production of personal and home care products as part of their Home Care plant. While specific details about a brick plant are not provided, Nimir produces construction chemicals that may involve products related to brick manufacturing. Additionally, they expanded their capacity to produce caustic soda through a technology upgrade, enabling the production of 120 tons per day of caustic soda. These initiatives marked significant step towards advancing of their industrial capabilities.

EXPERIENCE

- Name of Employing Agency** : **ZKB Operation & Maintenance Engineers & Constructors**
- Title of Position** : Electrical Engineer
- Location of Assignment** : Lahore, Pakistan
- Period of Assignment** : November 2020 – April 2022

In my role as an Electrical Engineer at ZKB Operation & Maintenance Engineers & Constructors, I was involved in a range of critical activities related to the installation, maintenance, and operation of electrical systems for water tube wells under a project funded by the Asian Development Bank. My key responsibilities included:

Conducting in-depth fault finding and diagnostic assessments on diesel generator sets used in water tube well operations. This included identifying and resolving electrical issues to ensure the uninterrupted operation of critical infrastructure, reducing downtime, and improving the efficiency of the system.

Leading the installation, operation, and maintenance of electrical systems for public health engineering projects, including water turbine pumps, power systems, and transformers, ensuring smooth and efficient operations in the water tube well facilities.

- Measuring and analyzing the flow rate of water pumps using digital flow meters, which was crucial in assessing the efficiency of water pumping systems and ensuring that they met the required specifications for project success and sustainability.
- Managing the replacement and repair of Motor Control Units (MCU) and Motor Control Centers (MCC) for water tube wells, ensuring that the motor systems were functioning optimally and in accordance with design specifications and regulatory standards.
- Overseeing the installation of power systems according to the IFC (Issued for Construction) drawings, ensuring that electrical systems were correctly integrated with other site infrastructure.
- Preparing detailed method statements for the installation of electrical systems, including power systems for water tube wells, which outlined the step-by-step approach for installation and ensured compliance with industry standards and safety protocols. These method statements were submitted to consultants for approval.
- Working closely with consultants to review and confirm shop drawings as per the IFC drawings. This collaboration ensured that all installations were in line with the project specifications and industry standards.
- Arranging the testing of transformers, ensuring they were operating efficiently and safely. Regular maintenance and inspections were carried out to prevent failures and ensure the longevity of the equipment.
- Developing and managing the project schedule, ensuring that tasks were completed in accordance with the timeline and project deadlines. I closely monitored progress, identified any delays, and took corrective actions to maintain the project's pace.
- Ensuring all electrical installations and maintenance activities were carried out in strict adherence to safety regulations and industry standards, which included conducting safety audits, risk assessments, and ensuring that all team members followed safety protocols to minimize hazards.
- Coordinating with other engineers, technicians, and contractors to resolve technical issues and ensure the timely completion of tasks. This collaboration ensured that all electrical systems were fully functional and in line with project goals.
- Compiling and maintaining detailed reports on project progress, system performance, and maintenance activities, which were shared with senior management and clients to ensure transparency and accountability throughout the project.

EXPERIENCE

Name of Employing Agency : **Al Khalili Group**

Title of Position : Estimation Engineer – Electrical

Location of Assignment : Dubai, UAE

Period of Assignment : April 2019 – October 2019

As an Estimation Engineer – Electrical at Al Khalili Group, I was responsible for performing estimation and managing material requirements for electrical systems in construction and renewable energy projects. My key responsibilities included:

- Performing detailed estimations for electrical products, ensuring the accurate calculation of material quantities, costs, and time required for successful project execution.
- Preparing material take-offs and developing Bills of Quantities (BOQ), ensuring that all project specifications were accounted for and materials were accurately priced.
- Reviewing shop drawings based on Issued for Construction (IFC) drawings to ensure that they met project requirements and engineering standards.
- Coordinating with consultants to address any Requests for Information (RFIs), ensuring that all design clarifications were obtained to avoid project delays.
- Preparing and sending Requests for Quotations (RFQs) to suppliers, obtaining the best prices and ensuring materials would be available on time for project needs.
- Preparing Purchase Orders (POs) and coordinating with suppliers to ensure the timely delivery of materials that met the specified quality standards.
- Collaborating with clients, consultants, and contractors to ensure that all project requirements were clearly understood and addressed in a timely manner.
- Reviewing and preparing material submittals, ensuring that all materials used met the required technical standards and specifications for the projects.
- Assisting the General Manager in project coordination, handling reporting, and providing technical insights to ensure smooth project progress.
- Preparing and submitting weekly and monthly progress reports, providing management with clear updates on the status of ongoing tasks, materials procurement, and any potential risks or delays.

EXPERIENCE

Name of Employing Agency : **Sunlight for LED & Renewable Energy**

Title of Position : Estimation Engineer – Electrical

Location of Assignment : Abu Dhabi, UAE

Period of Assignment : December 2017 – May 2018

As an Estimation Engineer – Electrical at Sunlight for LED & Renewable Energy, I was responsible for estimating the requirements for solar systems and LED lighting installations. My key responsibilities included:

- Performing detailed estimations for solar systems and LED lighting projects, calculating the material quantities, costs, and timeframes required for project completion.
- Conducting material take-offs and preparing Bills of Quantities (BOQ), ensuring that all electrical components were accurately accounted for in line with project specifications.
- Coordinating with consultants to address any Requests for Information (RFIs), ensuring that all design clarifications were obtained for accurate project planning and execution.
- Reviewing shop drawings based on Issued for Construction (IFC) drawings to ensure they were compliant with project requirements and electrical standards.
- Preparing and sending Requests for Quotations (RFQs) to suppliers, ensuring competitive pricing and timely delivery of materials.

- Creating Purchase Orders (POs) and coordinating with vendors to ensure material procurement aligned with project schedules and quality standards.
- Advising clients on technical solutions for water pumping systems using submersible pumps and motors powered by solar energy, offering expertise on renewable energy systems.
- Preparing material submittals, ensuring that all electrical materials met the required technical standards for the installation of solar and lighting systems.
- Collaborating with clients, contractors, and consultants to ensure smooth communication and the successful integration of renewable energy solutions.
- Assisting the management team by preparing reports and presentations on project progress, material procurement, and cost management.

EXPERIENCE

Name of Employing Agency : **Mazcorp Engineering Services**

Title of Position : Site Engineer-Electrical

Location of Assignment : Lahore, Pakistan

Period of Assignment : October 2015 – October 2017

As a Site Engineer-Electrical at Mazcorp Engineering Services, I was responsible for overseeing electrical systems installations and ensuring the successful execution of electrical works on projects, particularly for the Punjab Government’s revamping of the existing DHQ Hospital. My key responsibilities included:

- Supervising a team of electricians on-site, ensuring that all electrical installations were performed according to the project’s design and safety standards.
- Liaising with clients and consultants to address on-site and contractual issues, ensuring that all concerns were resolved promptly and professionally.
- Responsible for the installation of electrical systems, particularly Low Voltage (LV) systems, according to Single Line Diagrams (SLDs) and ensuring full compliance with technical specifications and regulations.
- Reviewing shop drawings based on Issued for Construction (IFC) drawings to verify that electrical systems were designed and planned accurately for execution.
- Coordinating with consultants to address any Requests for Information (RFIs), ensuring that all clarifications were provided in a timely manner to avoid delays in the project timeline.
- Preparing material submissions for LV and MV systems, coordinating with suppliers and consultants to ensure timely delivery and adherence to project specifications.
- Scheduling work to ensure that electrical installation tasks were completed in accordance with the project timeline and deadlines, coordinating with other teams to maintain project flow.
- Ensuring that all electrical work was conducted safely and in compliance with the relevant safety standards, conducting safety checks and audits to minimize risks.
- Maintaining detailed records of electrical installations, materials used, and any issues encountered on-site to ensure transparency and effective project tracking.

- Preparing reports on the progress of electrical installations, providing regular updates to senior management and project stakeholders regarding status, challenges, and solutions.

CURRICULUM VITAE

Title Of Position : Material Engineer
Name : **Muhammad Jameel**
Father's Name : Mohammad Rafique
Phone No : +92-42-35457772-3
Date of Birth : April 14, 1956
Religion : Islam
Domicile : Gujranwala, Punjab, Pakistan
Nationality : Pakistani
Marital Status : Married
Profession : Material Engineer
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Senior Geologist / Material Engineer
Specialization in Firm : Material Engineer
Year of Joining Firm : January 2021

PERSONAL OUTLINES

As a seasoned geologist with over 30+ years of international experience, I specialize in structural geology, petroleum geology, and materials engineering. My expertise spans asphalt/concrete design, pavement layers (ABC, BBC, BWC), and rigorous quality control of crushers and asphalt plants. Proficient in AASHTO, ASTM standards, and geotechnical analysis, I excel in optimizing construction processes, ensuring compliance, and delivering sustainable solutions. Currently, I contribute my geological and materials engineering, focusing on road rehabilitation, geotechnical investigations, and infrastructure development across Pakistan.

EDUCATION

Qualification	University / Institution	Year
MSc Geology	Punjab University, Lahore	1982
BSc Geology	Punjab University, Lahore	1978

LANGUAGES

- **English:** Proficient in verbal and written communication; experienced in drafting technical reports, official documents, and conducting professional training sessions.
- **Urdu:** Exceptional communication skills in both formal and informal contexts; adept at preparing comprehensive technical and managerial drafts.
- **Arabic** (Basic)

SKILLS

- Proficient in geotechnical investigations, soil analysis, and subsurface evaluations, ensuring compliance with AASHTO, ASTM, and BS standards.
- Expertise in geospatial tools and modeling software for geological data analysis, material behavior prediction, and design optimization.

- Adept in conducting geological risk assessments, including slope stability analysis, erosion control, and mitigation of hazards like soil liquefaction.
- Proficient in preparing technical reports, geotechnical evaluations, and material certification documents with actionable recommendations.
- Experienced in supervising on-site construction activities, resolving material-related challenges, and ensuring alignment with design specifications.
- Skilled in sustainable material practices, such as recycled aggregates and eco-friendly additives, to enhance project sustainability and cost-efficiency.
- Strong capability in mentoring junior geologists/engineers in field methodologies, laboratory testing, and data interpretation techniques.
- Well-versed in collaborating with multidisciplinary teams to integrate geological insights into structural designs and environmental compliance.
- Effective communicator with experience liaising with regulatory bodies, clients, and contractors to secure approvals and ensure adherence to safety/environmental regulations.
- Proficient in MS Office, AutoCAD (basic), and structural analysis tools for documentation, design visualization, and project planning.

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**
 Title of Position : Material Engineer
 Location of Assignment : Lahore, Pakistan
 Period of Assignment : January 2021 to Present

Key Responsibilities

I undertake a range of pivotal tasks across various projects, allow me to elaborate on some of the key activities I performed:

- Conduct geological and geotechnical investigations for infrastructure and construction projects.
- Supervise field and laboratory testing of construction materials, including soil, aggregates, concrete, asphalt, and steel, ensuring compliance with project specifications and standards.
- Evaluate soil and rock mechanics to determine site suitability for foundations, embankments, and other structural components.
- Develop and implement quality control and quality assurance (QC/QA) plans for construction materials and geotechnical works.
- Analyze test results and prepare technical reports, material approvals, and recommendations for project execution.
- Oversee asphalt and concrete mix design, ensuring optimal performance and durability in various environmental conditions.
- Coordinate with project engineers, contractors, and stakeholders to resolve material-related issues and ensure compliance with design requirements.
- Conduct on-site inspections and monitor material performance to ensure adherence to quality and safety standards.
- Assist in the selection of appropriate construction materials based on geological conditions

and project requirements.

- Provide technical support for pavement design, earthworks, and foundation systems.
- Ensure adherence to environmental regulations and best practices in material usage and disposal.
- Mentor junior geologists, material engineers, and site staff, enhancing team expertise in geotechnical and material engineering practices.

KEY PROJECTS with M/s Hike Engineering Consultants

- Project : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.**
 - Client : Capital Development Authority (CDA).
 - Type : Multistoried Office Complex (11 Stories).
 - Measurement(s) : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT
 - Cost : PKR 7562 M
 - Brief : The Litigants Facilitation Center, led by the Capital Development Authority (CDA), is an upcoming architectural marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. With an impressive 11-story frame structure covering over 1,219,688 square feet and a vast plot of more than 270,224 square feet, it promises to redefine legal infrastructure.
Designed with precision, the center caters to the diverse needs of legal professionals and litigants with dedicated offices, comfortable waiting areas, rest zones, common rooms, and tuck shops for refreshments. Enhanced user experience is ensured through comprehensive parking facilities and a well-planned road network. Additionally, sustainability is prioritized with a robust sewerage system and rainwater collection chambers.

- Project : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road, Lahore.**
 - Client : Punjab Irrigation Department.
 - Type : Multistoried Educational Complex (04 Stories).
 - Measurement(s) : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
 - Cost : PKR 744 M
 - Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.
Spanning over a sprawling plot area of around 75,000 square feet, the combined covered area of all units surpasses 99,187 square feet, offering

ample space for academic pursuits, accommodation, and communal activities, it also poised to foster learning and innovation in a conducive environment.

- **Project : Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
 - Client : Punjab School System, Lahore.
 - Type : Multistoried Educational Complex (05 Stories).
 - Measurement(s) : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT
 - Cost : PKR 1494 M
 - Brief : The Punjab School System prioritizes educational enhancement through accessible and affordable infrastructure. Their commitment to quality education is evident in meticulously planned facilities, including multi-storyed blocks, administrative buildings, and expansive playgrounds. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore integrates these features seamlessly, offering over 293,074 square feet of covered area in multi-level structures. Amenities such as a swimming pool, squash courts, and an auditorium enhance the learning environment. The campus also provides ample parking with sheds for students, staff, and visitors, emphasizing convenience. This holistic approach underscores the system's dedication to fostering excellence and comfort for all stakeholders.
- **Project : Takbeer Tower at McLeod Road at Lakshami Chowk, Lahore.**
 - Client : Punjab School System, Lahore.
 - Type : Multistoried Commercial Building (05 Stories).
 - Measurement(s) : Covered Area: 182000 SFT
Plot Area: 54,000 SFT
 - Cost : PKR 1306 M
 - Brief : "Takbeer Tower" stands tall as a 13-story edifice, strategically situated at the bustling intersection of McLeod Road and Cooper Road in Lakshami Chowk, Lahore. This architectural & engineering marvel replaces the iconic Moon Light Cinema, long a landmark in the heart of Lahore. Crafted as a skeletal frame structure, the tower boasts three basement levels primarily designated for parking convenience. Ascending from the lower basement to the fifth floor, a diverse array of commercial spaces and shops will be housed, catering to the dynamic needs of the locality. The upper floors are earmarked for office spaces, providing a professional hub amidst the urban hustle. Adding to its allure, Takbeer Tower reserves one floor exclusively for entertainment, featuring enticing amenities like food courts and a cinema. This dedicated space promises a multifaceted experience, ensuring visitors find both business and leisure under one roof.
- **Project : Plant Building for Multipurpose (Paracetamol) & 7AVCA Plant including Tank yard and Utility Area for Pharmagen Limited at Ferozepur Road, Lahore.**

Client : Pharmagen Limited, Lahore.
Type : Multistoried Industrial Plant Buildings (05 Stories).
Measurement(s) : Covered Area: 58,630 SFT
Cost : PKR 340 M
Brief : Pharmagen Limited has earned international acclaim for its contributions to the pharmaceutical industry. They are expanding their production capabilities by increasing the existing Paracetamol production capacity to 300TPD at their Multipurpose plant. Additionally, they are embarking on the construction of a new 7AVCA Plant in the same vicinity, accompanied by the establishment of a tank yard and utility area. These facilities consist of multi-storied plant buildings with a total covered area exceeding 58,630 square feet, spanning across five functional floors. This expansion marks a significant step towards Pharmagen Limited's commitment to advancing pharmaceutical manufacturing and innovation.

- Project : **Glycerin Distillation-300D Plant at Plot No 250,253,259,260 FIEDMC M3 Industrial Area, Sahiawala , Faisalabad.**
Client : Power Chemical Industries Limited.
Type : Industrial Structure
Measurement(s) : N/A
Cost : PKR 290 M
Brief : The Glycerin Distillation-300D Plant at FIEDMC M3 Industrial Area, Sahiawala, Faisalabad, represents Power Chemical Industries Limited's investment in cutting-edge industrial infrastructure, with a budget of PKR 290 million. As an industrial structure project, it underscores the company's commitment to innovation and efficiency in chemical manufacturing. Equipped with advanced distillation technology, the plant aims to streamline glycerin purification processes while adhering to stringent safety and environmental standards. By prioritizing quality, reliability, and client satisfaction, Power Chemical Industries Limited seeks to reinforce its position as a leading provider in the chemical industry, meeting the evolving needs of its customers while contributing to sustainable industrial development.

Name of Employing Agency : **Saudi Consulting Services (Saud Consult)**
Title of Position : QC/Material Inspector
Location of Assignment : Saudi Arabia
Period of Assignment : February 1992 to December 2020

Key Responsibilities

I undertake a range of pivotal tasks across various projects, allow me to elaborate on some of the key activities I performed:

- Conducted quality control (QC) inspections of construction materials, ensuring compliance with project specifications and international standards.
- Supervised field and laboratory testing of soil, aggregates, concrete, asphalt, and steel to verify material properties and performance.

- Monitored concrete and asphalt batching plants, verifying mix designs, production processes, and adherence to approved standards.
- Performed on-site inspections and testing, including compaction tests, slump tests, concrete strength tests, asphalt density tests, and core sampling.
- Ensured proper implementation of quality assurance (QA) and quality control (QC) procedures in construction activities.
- Reviewed and analyzed test reports, material submittals, and supplier certifications for compliance with project requirements.
- Conducted visual and dimensional inspections of structural components and monitored curing and placement of concrete.
- Identified and reported non-conforming materials or construction practices, recommending corrective actions to maintain quality standards.
- Assisted in developing and implementing material quality control plans and specifications.
- Coordinated with contractors, engineers, and project management teams to resolve material-related issues and ensure smooth project execution.
- Maintained detailed records of inspections, test results, and quality documentation for project compliance and audits.
- Provided technical guidance and training to field personnel on material testing procedures, best practices, and quality standards.
- Ensured adherence to safety regulations and environmental standards related to material handling and construction activities.

CURRICULUM VITAE

Position of Title and No	:	Material Engineer
Name	:	KASHIF ALI
Father's Name	:	Muhammad Amir
Country of Citizenship/ Residence	:	Pakistan
Nature of Input	:	Full Time
Date of Birth	:	15 December, 1987
Religion	:	Islam
Domicile	:	District Okara, Punjab, Pakistan
Nationality	:	Pakistan
Marital Status	:	Married
Profession	:	Material Engineer
Present Employer	:	M/s Hike Engineering Consultants
Present Position in Firm	:	Material Engineer
Specialization in Firm	:	Material Inspection
Year of Joining Firm	:	April 2021

PERSONAL OUTLINES

As a dedicated Material Engineer with over six years of professional experience, I am committed to applying my technical expertise and knowledge to ensure the successful execution of engineering projects while fostering professional growth and development. My academic foundation includes a Master's degree in Geology from the University of Sargodha, where I graduated as a Gold Medalist, showcasing my commitment to excellence and academic rigor.

Throughout my career, I have specialized in material inspection, concrete mix design, asphaltic base and wearing course formulation, and comprehensive testing under AASHTO and ASTM specifications. My experience spans critical projects such as road and bridge construction, subsurface geophysical investigations, and the preparation of job mix formulas, contributing to the structural integrity and performance of various infrastructure developments.

Currently serving as a Material Engineer at M/s Hike Engineering Consultants since April 2021, I have honed my skills in material testing and inspection, ensuring compliance with industry standards and project specifications. In previous roles, I contributed to high-profile projects, including the Mandra-Chakwal and Sohawa-Chakwal Road Projects with NESPAK as consultants and the Evaluation of Iron Ore Deposits at Chiniot under Geo-RC and MCC China.

My professional journey also includes pivotal roles such as Assistant Material Engineer at Mahmood & Co., where I oversaw critical aspects of the Kanju-Sambat Road Project, and at the Communication and Works Department (C&W) Sargodha, where I contributed to essential infrastructure development initiatives.

With a focus on precision, quality assurance, and a commitment to achieving project excellence, I am eager to continue contributing to impactful engineering solutions that meet and exceed stakeholder expectations.

EDUCATION

Qualification	University / Institution	Year
M.S. (Geology)	University of Sargodha	2017
B.S. (Geology)	University of Sargodha	2012
F.Sc. (Pre-Eng)	Govt. Degree College Okara	2007
Matriculation (Science)	Govt. High School Chuchak	2004

LANGUAGES

- **English:** Proficient in verbal and written communication; experienced in drafting official documents and technical reports.
- **Urdu:** Excellent communication skills in both formal and informal contexts; capable of preparing detailed professional drafts.
- **Punjabi:** Fluent in spoken Punjabi, effectively used for interpersonal communication in diverse cultural settings.

SKILLS

- Strong technical expertise in material testing and inspection under AASHTO and ASTM specifications.
- Proficient in preparing concrete mix designs, asphaltic formulations, and geotechnical investigations.
- Effective communication and teamwork abilities, ensuring smooth coordination with consultants and contractors.
- Familiarity with Windows Operating System, including MS Office, and technical reporting tools.
- Highly adaptable, honest, and capable of managing multiple tasks in dynamic project environments.

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**
Title of Position : Material Engineer
Location of Assignment : Lahore, Pakistan
Period of Assignment : April 2021 to To-date

As a Material Engineer at M/s Hike Engineering Consultants, I played a pivotal role in ensuring the quality and integrity of materials used in diverse infrastructure projects. My responsibilities

encompassed the following:

- Conducting thorough material inspections and tests, including soil, aggregate, sub-base/base course, bitumen, cement concrete, and asphalt mix, to ensure compliance with AASHTO and ASTM standards.
- Preparing concrete mix designs and asphaltic formulations tailored to specific project requirements, enhancing the durability and performance of road and bridge constructions.
- Supervising geotechnical investigations, including borehole drilling, preparing bore logs, and overseeing subsurface evaluations critical to project foundations.
- Monitoring and ensuring the proper pouring of concrete for piles, girders, pile caps, piers, and transoms to maintain structural integrity and adherence to project specifications.
- Coordinating with consultants and contractors to ensure alignment between design objectives and material quality standards.
- Reviewing material specifications and recommending improvements to enhance project outcomes.
- Providing technical guidance to construction teams to address on-site material challenges and ensure project timelines are met.
- Maintaining meticulous records of material testing reports, inspection logs, and quality control documentation to support project compliance.
- Ensuring adherence to industry regulations and safety standards throughout the material handling and construction processes.
- Through these responsibilities, I contributed to the successful execution of various projects, consistently upholding quality standards and ensuring the long-term reliability of the constructed infrastructure.

Key Projects

Project / Job : **Litigants Facilitation Center for Litigants and Lawyers at G-10/1, Islamabad.**

Client : Capital Development Authority (CDA).

Type : Multistoried Building (11 Stories).

Measurement : Covered Area: 1,219,688 SFT
Plot Area: 270,224 SFT

Cost: : 7562 M

Brief : The Litigants Facilitation Center for Litigants and Lawyers, spearheaded by the Capital Development Authority (CDA), stands as a forthcoming architectural/ engineering marvel adjacent to the old Islamabad High Court Building in G 10/1, Islamabad. This state-of-the-art complex boasts an imposing 11-story frame structure, covering a sprawling area exceeding 1,219,688 square feet, with a generous plot spanning more than 270,224 square feet.

Project / Job : **New Campus Government Academy Punjab GEAP, at Ramkot, Canal Road,**

Lahore.

Client : Punjab Irrigation Department.
Type : Multistoried Buildings (04 Stories).
Measurement : Covered Area: 99,187 SFT
Plot Area: 75,000 SFT
Cost: : 744 M
Brief : Nestled along Canal Road in Lahore, the freshly minted Government Academy Punjab GEAP's New Campus in Ramkot is a marvel of architectural & Engineering ingenuity. This expansive complex boasts a multi-level frame structure, housing essential components including the Academy Block, Male and Female Hostels, a Masjid, and a Guest House. Moreover, it features ample parking facilities seamlessly integrated with a well-connected road network, a reliable sewerage system, rainwater collection chambers, and an advanced treatment plant, all meticulously designed to ensure functionality and sustainability.

Project / Job : **Punjab School Khayaban e Jinnah Campus, at Khayaban e Jinnah, Lahore.**
Client : Punjab School System, Lahore.
Type : Multistoried Buildings (05 Stories).
Measurement : Covered Area: 293,074 SFT
Plot Area: 234,000 SFT
Cost: : 1494 M
Brief : The Punjab School System is steadfast in its mission to continuously enhance educational opportunities by expanding its infrastructure while ensuring accessibility and affordability. Their commitment to quality education is reflected in the meticulously planned facilities which include multi-storied blocks for girls and boys, an administrative block, and more, complemented by expansive playgrounds, overhead water tanks (OHWTs), a swimming pool, squash courts, and an auditorium, among other amenities. The "Punjab School Khayaban-e-Jinnah Campus" in Lahore epitomizes this dedication by seamlessly integrating all these features into a single, cohesive campus. With a combined covered area exceeding 293,074 square feet, housed within multi-level frame structure buildings, the campus provides a conducive environment for learning and growth.

EXPERIENCE

Name of Employing Agency : **National Logistics Cell (NLC)**
Title of Position : Assistant Material Engineer
Location of Assignment : Mandra-Chakwal Road/Bridge Project, Sohawa-Chakwal Road Project, Pakistan
Period of Assignment : April 2015 to March 2021

As an Assistant Material Engineer at National Logistics Cell (NLC), I played a key role in ensuring the quality and reliability of materials used in the construction of major infrastructure projects, including the Mandra-Chakwal Road/Bridge Project and the Sohawa-Chakwal Road Project. My primary responsibilities spanned the preparation, testing, and inspection of various materials to ensure they met the required standards and specifications. My duties included the following:

- Conducted comprehensive material testing for soil, aggregates, sub-base/base course, cement concrete, bitumen, and asphalt mix. Ensured that all materials met the required specifications under AASHTO and ASTM standards before use on-site.
- Developed concrete mix designs and job mix formulas for asphaltic base and wearing courses. This involved optimizing material composition to ensure long-term durability and performance, particularly for road surfaces and bridge components.
- Oversaw the procurement, transportation, and storage of materials at the construction site, ensuring that they were handled in accordance with safety standards and best practices. This included proper labeling, stacking, and storage to avoid contamination or degradation.
- Supervised subsurface investigations, including borehole drilling, and prepared bore logs. Collaborated with geotechnical engineers to evaluate the soil conditions and provide input for foundation design.
- Ensured that all concrete pouring activities, including for piles, girders, pile caps, piers, and transoms, were executed in line with structural requirements and quality standards. Conducted routine checks on concrete strength and other key parameters to confirm compliance with specifications.
- Implemented and maintained strict quality control procedures to ensure all construction materials complied with regulatory standards and project requirements. Monitored construction activities to detect any non-compliance or deviations and recommended corrective actions.
- Collaborated closely with the design and construction teams, including consultants, contractors, and subcontractors, to ensure the successful execution of the projects. Communicated any material-related issues and worked towards timely resolutions.
- Compiled and maintained detailed records of material tests, inspection reports, and progress documentation. Prepared regular status reports for senior engineers and management, highlighting material-related issues, progress, and recommendations.
- Ensured that all material handling and construction activities were conducted in accordance with safety protocols and environmental regulations. Monitored the safe use of equipment and the proper disposal of waste materials to minimize environmental impact.
- Conducted regular site visits to monitor material quality, inspect construction progress, and assess the performance of materials under real-world conditions. Provided feedback and solutions to resolve any material-related issues that arose during the construction process.
- Trained junior engineers and technicians on material testing procedures, proper documentation practices, and quality control methods. Fostered a collaborative team environment to encourage knowledge sharing and efficient project execution.

EXPERIENCE

Name of Employing Agency : **Punjab Mineral Company (PMC Pvt. Ltd.)**
Title of Position : Assistant Geologist
Location of Assignment : Chiniot, Pakistan
Period of Assignment : April 2014 to April 2015

As an Assistant Geologist at Punjab Mineral Company (PMC Pvt. Ltd.), I contributed to the evaluation of mineral resources, particularly iron ore deposits, in Chiniot, Pakistan. My role involved fieldwork, data analysis, and geological assessments that supported the planning and execution of mining projects. Key responsibilities included:

- Conducted geological surveys and assessments to evaluate iron ore deposits in the region.
- Assisted in the collection and analysis of geological data, ensuring accurate mapping and classification of mineral resources.
- Performed site inspections and sampling of geological formations to identify key mineral-rich zones and assess the quality of deposits.
- Collaborated with senior geologists to interpret geological data and prepare reports on the potential for mineral extraction.
- Assisted in preparing geological maps, borehole logs, and other technical documentation used in the evaluation of the deposits.
- Coordinated with field teams to ensure data collection was carried out safely and in compliance with environmental regulations.
- Analyzed soil and rock samples, providing insight into the geological composition and assisting in the preparation of feasibility studies for potential mining operations.
- Worked with other engineers and geologists to evaluate the economic viability of mineral extraction projects based on geological findings.
- Maintained detailed records of fieldwork and data analysis, contributing to the development of comprehensive reports for the client and stakeholders.
- Supported the implementation of safety measures during fieldwork to minimize risks and ensure safe working conditions for all team members.

EXPERIENCE

Name of Employing Agency : **Mahmood & Co.**
Title of Position : Assistant Material Engineer
Location of Assignment : Kanju-Sambat Road Project
Period of Assignment : May 2012 to March 2014

As an Assistant Material Engineer at Mahmood & Co., I played a significant role in ensuring the quality and integrity of materials used in the Kanju-Sambat Road Project. My primary focus was on material testing, quality control, and ensuring the proper application of materials in road construction. Key responsibilities included:

- Conducted material testing for soil, aggregates, asphalt, cement, and concrete to ensure compliance with project specifications and quality standards.
- Assisted in the preparation of concrete mix designs and job mix formulas for asphaltic base and wearing courses, optimizing material properties for road durability.
- Supervised the handling, storage, and transportation of construction materials on-site, ensuring proper management to prevent contamination or degradation.
- Monitored the use of construction materials to ensure they met all regulatory and project-specific requirements.
- Collaborated with senior engineers to perform quality control inspections and resolve any material-related issues on-site.
- Ensured that concrete pouring and compaction of road base materials were carried out according to design specifications and safety guidelines.
- Assisted in geotechnical investigations and preparation of reports on soil conditions, providing critical data for foundation and material selection.
- Coordinated with contractors and subcontractors to verify that materials used on-site complied with the design specifications and quality control standards.
- Maintained detailed records of material testing results, inspections, and quality control reports for documentation and future reference.
- Provided technical guidance and support to the construction team, ensuring that material usage and application were in line with industry best practices.
- Ensured adherence to safety protocols during the handling and application of materials to minimize on-site risks.

EXPERIENCE

Name of Employing Agency : **Communication and Works Department (C&W), Sargodha**
Title of Position : Assistant Material Engineer
Location of Assignment : Sargodha, Pakistan
Period of Assignment : February 2012 to May 2012

As an Assistant Material Engineer at the Communication and Works Department (C&W), Sargodha, I was involved in the early stages of material inspection and quality control for infrastructure projects in the Sargodha region. My role focused on ensuring the proper application and testing of materials used in road and civil works. Key responsibilities included:

- Conducted basic material tests for construction materials such as soil, aggregates, and bituminous mixtures to ensure their compliance with project requirements.
- Assisted senior engineers in preparing and reviewing concrete mix designs and bituminous mix formulas for use in road construction.
- Oversaw the procurement and transportation of materials, ensuring that they were stored properly on-site to prevent contamination or damage.
- Coordinated with the site team to ensure materials were delivered and applied according to approved specifications.
- Monitored material quality during the construction phase to ensure consistency and compliance with quality control standards.
- Supported site inspections and documented findings regarding the quality and suitability of materials used in construction activities.
- Assisted in preparing reports related to material tests, quality checks, and other project documentation.
- Ensured adherence to health and safety protocols while handling and testing materials.
- Provided support to senior engineers in addressing material-related issues, ensuring timely resolutions to avoid project delays.

Expert Contact Information:

• Address	:	Village Bazida, P.O Chuchak, Tehsil Renala Khurd, District Okara.
• Email:	:	geologiskabhatti@gmail.com

Certification:

- I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Procuring Agency.

KASHIF ALI

Name of Expert	Signature	Date
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MUHAMMAD MUDASSAR MUSHTAQ

Name of authorized Representative of the Consultant (the same who signs the Proposal)	Signature	Date
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CURRICULUM VITAE

Name : **JOSHUA SHAKIL**
Father's Name : Shakil Pervaiz
Address : 34-D, 6th Avenue, NFC-ECHS, Phase-1, Lahore
Cell No. : +92-305 4107833
Date of Birth : October, 2000 Punjab, Pakistan
Domicile : Punjab, Pakistan
Nationality : Pakistani
Marital Status : Single
Profession : Engineer
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Junior Structural Engineer
Specialization in Firm : Structural Engineering
Year of Joining Firm : August, 2022

PERSONAL OUTLINES

About two year serving period in the Construction Department where I delivered my services in order to provide the company with support in coordinating the duties and ensuring smooth operation in site, design and operational works.

EDUCATION

Qualification	University / Institution	Year
Bachelor's in Civil Engineering	The University of Lahore, Lahore	2017-2021
CGPA	3.66/4	
Forman Christian College	Intermediate	2014-2016
	880/1100 Grade +A	
St. Anthony's High School	Matriculation	2012-2014

EXPERIENCE

Name of Employing Agency : **M/s Hike Engineering Consultants**

Title of Position : Junior Structural Engineer

Location of Assignment : Lahore, Pakistan

Period of Assignment : August 2022 To Present

Responsibilities: : ✓ Modeling, design, and analysis on ETABS.

✓ Quantity Estimation

Key Projects : ✓ Multi-Storied (11 Storied) Building “Litigants Facilitation Center” adjacent Islamabad High Court, Islamabad.

✓ Multi-Storied for Punjab Irrigation (Academy Block, Male Hostels, Female Hostels) at Ramkot, Canal Road, Lahore.

✓ Multi-Storied (13 Storied) Building “Takbeer Tower” at McLeod Rd Lahore.

✓ AR Bridge at Hudiana Darin Lahore for C & W department, Government of the Punjab.

✓ VR Bridge at Khadir Branch, Pakpattan, for Irrigation Department, Government of the Punjab.

✓ Multi-Level Multipurpose & 7AVCA Plants for M/s Pharmagen Limited at Ferozepur Road, Lahore.

✓ Multi-Level Pant for M/s Nimir Industrial Chemicals, Bahki, Sheikhpura.

✓ A number of residential units at different location and societies.

Name of Employing Agency : **Nimbus Trading and Contracting Doha, Qatar**

Title of Position : Site Supervision

Location of Assignment : Doha, Qatar

Period of Assignment : Dec 2021 to August 2022

Responsibilities: : ✓ Supervision of Crew Workers
✓ Bills and invoicing verification
✓ E-mail enquiry management
✓ Examination of ongoing projects
✓ Ensuring HSE measurements

Key Projects : ✓ Modification and Renovation Work for Villas
✓ Renovation of Restaurant (Momoz Restaurant & Cuisine)
✓ Gypsum Boarding work at Vendome Mall

Name of Employing Agency : **PREDIC Engineering Works**

Title of Position : Intern

Location of Assignment : Lahore, Pakistan

Period of Assignment : Nov 2020 To May 2021

Responsibilities: : ✓ Modeling, design, and analysis on ETABS.

Quantity Estimation

Key Projects : ✓ Quality control reporting under the supervision of site engineer.
✓ Ensuring the construction is carried out as per the structural drawings
✓ Maintain compliance with safety and regulatory standards
✓ Evaluate operations and processes.
✓ Create work schedule and adjust as needed to meet project deadlines.
✓ Collaborate with management to align activities with desired business outcomes.

Name of Employing Agency : **NESPAK**

Title of Position : Intern

Location of Assignment : Lahore, Pakistan

Period of Assignment : Nov 2020 To May 2021

Responsibilities: : ✓ Modeling, design, and analysis on ETABS.

✓ Quantity Estimation

Key Projects : ✓ NESPAK House Peshawar Building

CURRICULUM VITAE

Name : **MUHAMMAD USMAN**
Father's Name : Muhammad Sharif
Address : Mohala Sultan Twon Jhal Jaranawala, Faisalabad
Phone No : +92-317-6019427
Cell No. : +92-303-5482055
Date & Place of Birth : Oct 10, 1996, J (Punjab), Pakistan
Religion : Islam
Domicile : Faisalabad, Punjab, Pakistan
Nationality : Pakistan
Marital Status : Single
Profession : Structural Engineer
Present Employer : M/s Hike Engineering Consultants
Present Position in Firm : Structural Engineer
Specialization in Firm : Jounier structure engineer
Year of Joining Firm : Jan 2023

PERSONAL OUTLINES

As a seasoned structural engineer, I am deeply passionate about the pivotal role engineering plays in shaping our built environment. My journey in structural engineering began with a solid educational foundation, having earned [Degree(s)] from [University], where I honed my analytical and problem-solving skills through rigorous coursework and hands-on projects. This academic background laid the groundwork for my professional career, which has been marked by a commitment to excellence and innovation in structural design. Throughout my career, I have had the opportunity to work on a diverse range of projects, each presenting unique challenges and opportunities for creative problem-solving. From high-rise commercial buildings to intricate bridge structures, I have leveraged my expertise to ensure the safety, functionality, and efficiency of every design. Notable achievements include [mention specific projects or accomplishments], where my contributions helped optimize design solutions and exceed client expectations.

EDUCATION

Qualification	University / Institution	Specialization	Year
Civil Engineering (BSCE)	The University of Faisalabad	Structure Design	2019-2023
Diploma In Associate Engineering (DAE)	P.B.T.E, LAHORE	Site Engineer	2013-2017
Matriculation:	B.I.S.E.FSD	Science (Computer)	2013

SKILLS

- ETABS21
- SAP2000
- IES BUILDING SUIT
- STRUCTURE ANALYSIS
- QUANTITY ESTIMATION
- AUTOCAD 2021
- MICROSOFT OFFICE

EXPERIENCE

- Name of Employing Agency : **M/s Hike Engineering Consultants**
- Title of Position : Jounier structure engineer
- Location of Assignment : Lahore, Pakistan
- Period of Assignment : Dec 2022 to To-date
- Key Projects :
 - A number of residential units at different location and societies.
 - Multi-Storied (11 Storied) Building “Litigants Facilitation Center” adjacent Islamabad High Court, Islamabad.
 - Structure Stability Review of Style Textiles (pvt.) Ltd Lahore QIE-1 Kot Lakhpat, Lahore.
 - Structure Design Calculations A Numbers of Commercial Building In Central Park Lahore.
- Responsibilities : I performed the following activities at different projects, key projects are explained as follows:
- Modeling, design, and analysis on ETABS.
 - Modeling, design, and analysis on SAP2000.
 - Quantity Estimation.
 - **Analysis and Design:** The core responsibility involves analyzing structures and designing them to withstand various loads and forces, including gravity, wind, seismic activity, and environmental factors. This includes:
 - Conducting structural analysis using mathematical models and software tools to predict how structures will perform under different conditions.
 - Designing structural elements such as beams, columns, slabs, and foundations to meet safety and performance requirements.
 - Selecting appropriate materials, such as concrete, steel, timber, or composite materials, based on their properties and suitability for the project.
 - **Code Compliance:** Ensuring that all designs comply with relevant building codes, regulations, and industry standards. Responsibilities in this area

include:

- Staying updated on local building codes and regulations to ensure designs meet legal requirements.
- Incorporating provisions for safety factors, load combinations, and other code-prescribed criteria into design calculations.
- Liaising with regulatory authorities and obtaining necessary permits and approvals for construction projects.
- **Collaboration:** Working closely with architects, contractors, and other engineering disciplines to integrate structural designs into overall building plans. This involves:
 - Collaborating with architects to incorporate structural elements into architectural designs while maintaining aesthetic objectives.
 - Communicating effectively with construction teams to ensure that design intent is accurately implemented during the construction phase.
 - Coordinating with other engineering disciplines, such as civil, mechanical, and electrical engineers, to ensure interdisciplinary compatibility
- **Risk Assessment and Mitigation:** Identifying potential risks to structural integrity and developing strategies to mitigate them. Responsibilities in this area include:
 - Performing risk assessments to identify potential hazards such as material weaknesses, design flaws, or environmental threats.
 - Implementing risk mitigation measures, such as reinforcing structural elements, incorporating redundancy, or improving foundation design.
 - Conducting structural inspections and assessments of existing buildings and infrastructure to identify and address deficiencies.
- **Innovation and Research:** Contributing to the advancement of structural engineering through research, innovation, and the adoption of new technologies. Responsibilities may include:
 - Staying abreast of advancements in structural engineering materials, methods, and technologies.
 - Participating in research projects to explore innovative structural design solutions or

sustainable construction practices.

- Applying knowledge gained from research and innovation to improve the efficiency, durability, and sustainability of structural designs
- **Quality Assurance:** Ensuring the quality and integrity of structural designs through rigorous quality assurance processes. This involves:
 - Performing thorough reviews and checks of design calculations, drawings, and specifications to identify errors or discrepancies.
 - Implementing quality control measures throughout the design process to ensure that designs meet performance objectives and client expectations.
 - Conducting peer reviews and seeking input from senior engineers or subject matter experts to validate design decisions and ensure accuracy.
- In summary, the responsibilities of a structural engineer encompass a wide range of tasks related to the analysis, design, compliance, collaboration, risk management, innovation, and quality assurance of structures. These responsibilities are critical to ensuring the safety, functionality, and longevity of buildings and infrastructure projects

ANNEX-2

General Experience by Providing the List
of Projects/ Assignments Performed in
the Past 06 Years

OUR PAST OF EXCELENCE



General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
1	CONSTRUCTION OF SCHOOL BUILDING	GULSHAN-E-LAHORE	MAKKAH FOUNDATION, LAHORE.	SWIMMING POOL Supporting Staff Hostel Junior Block Auditorium Punjab School Squash Courts Admin Block	JANUARY 16	FEB 2016	100	1.50	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
2	SIR ENGINEERING FACTORY FOR KOTLAKHPAT LHR	KOTLAKHPAT LHR	CONSTRUCTION OF FACTORY BUILDING	Multi story and Industrial building	MARCH, 2016	July, 2016	60	0.69	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
3	HEAD OFFICE BUILDING FOR AL-KHIDMAT LAHORE	Lahore	Al-Khidmat	Multi story and Industrial building	APRIL 2016	Jun-16	75	0.86	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
4	Commercial Building of Ms Sheikh Carpets	16-K.M Multan Road, Lahore	MS Sheikh Carpets	MS Sheikh Carpets site Block-A,B & C, Office	Jul-16	Aug-16	40	0.46	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
5	PROPOSED BUILDING FOR MR. IMRAN & MR. SALAH-UD-DIN JOHAR TOWN LAHORE	Johar Town, Lahore.	Mr. Imran & Mr. Salah-ud-Din	Multi story House	Sep-16	Oct-16	25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
6	SHERANWALA APARTMENT	Canal Bank Road, Lahore.	Sheranwala	Multi story and Industrial building			150	1.13	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
7	STYLE TEXTILE	Kot Lakh Path, Lahore.	STYLE TEXTILE Pvt Ltd	Multi story and Industrial building			0.5	0.01	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
8	CENTRAL PARK MEDICAL COLLAGE	Ferezipur Road, Lahore	Mian Tahir Javed (C.E.O)	Multi story and Industrial building			200	2.30	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
9	PUNJAB SPORTS DEPARTMENT NISTER PARK LAHORE	Lahore	Punjab Sports Department	Multi story and Industrial building			100	1.15	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
10	SPORT STAR STUDIO DWGS AT QIE, KOT LAKH PATH	Kot Lakh Path, Lahore.	Sports Star Internationl Pvt Ltd	Multi story and Industrial building			50	0.58	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
11	ARCO PLASTIC SUNDER LAHORE	LAHORE	ARCO PLASTICS (PVT) LTD	Multi story and Industrial building			75	0.86	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
12	CANOPY FOR TOTAL	TOTAL PAKISTAN	TOTAL	Steel Shed Designe			8	0.09	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
13	PROPOSED BUILDING OF KAMRAN SIDDIQUE AT BAHARIA TOWN, LAHORE	LAHORE	KAMRAN SIDDIQUE	Multi story building			25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
14	MEDICAL COLLEGE KHARIAN	KHARIAN	C.M.H MEDICAL COLLEGE	MULTI STORY BUILDING			100	1.15	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
15	BRIGHTO PAINTS FASIALABAD	FAISALABAD	ENGINEER MUHAMMAD	MULTI STORY AND INDUSTRIAL BUILDING			10	0.12	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

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					Start	Completion			
			USMAN						<ul style="list-style-type: none"> • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
16	MASJID AT DHA	LAHORE	DHA	MULTI STORY BUILDING			20	0.23	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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17	TERRANOVA LAHORE	LAHORE	MR. USMAN HAMEED	MULTI STORY AND INDUSTRIAL BUILDING			25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
18	NEW HEAD OFFICE BUILDING FOR 6 SIGMA RAIWIND LAHORE	LAHORE	DERENCE HOUSING AUTHORITY	MULTI STORY AND INDUSTRIAL BUILDING			80	0.92	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
19	MOSQUE AT NESPAK SOCIETY LAHORE	LAHORE	NESPAK EMPLOYEES COOPERATIVE SOCIETY	MULTI STORY BUILDING			20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
20	AGOSH ALKHIDMAT MURREE	MURREE	AL- KHIDMAT FOUNDATION	MULTI STORY BUILDING			80	0.92	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
21	PUNJAB SCHOOL AT SARGODHA	SARGODHA	THE PUNJAB SCHOOL	MULTI STORY BUILDING			70	0.81	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey

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					Start	Completion			
									<ul style="list-style-type: none"> • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
22	VIRTUAL UNIVERSITY JARANWALA	JARANWALA	MR. MUHAMMAD SHOAIL	MULTI STORY AND INDUSTRIAL BUILDING			65	0.75	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
23	PLAZA FOR EXPO GOLD JOHAR TOWN LAHORE	JOHAR TOWN LAHORE	JB BUILDER & DEVELOPER	MULTI STORY AND INDUSTRIAL BUILDING	FEB, 2009	NOV 2017	70	0.81	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
24	REHABILITATION WORK AT UNITED HEAD OFFICE LAHORE	LAHORE	MR SANA ULLAH CH.	MULTI STORY AND INDUSTRIAL BUILDING	NOV 2016	DEC 2017	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
25	AL KHIDMAT MULTAN	MULTAN	AL- KHIDMAT FOUNDATION	MULTI STORY BUILDING	MARCH 2017	NOV 2017	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design

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					Start	Completion			
									<ul style="list-style-type: none"> •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
26	CONSTRUCTION WORK AT NFC HEAD OFFICE	LAHORE	NFC	MULTI STORY BUILDING	Mar-17	Dec-17	3	0.03	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
27	NASEEMA KHATOON MEMORIAL TRUST SCHOOL GUJRANWALA	GUJRANWALA	BOD OF NASEEM KHATOON MEMORIAL TRUST	MULTI STORY AND INDUSTRIAL BUILDING	Feb-17	Oct-17	25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
28	MARRIAGE HALL AT TANDINWALA	TANDINWALA		MULTI STORY BUILDING	May-17	Jun-17	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
29	AUDITRIUM AT MANSOORA	MULTAN ROAD LAHORE	JAMAAT-E-ISLAMI	MULTI STORY AND INDUSTRIAL BUILDING	Nov-17	Dec-17	12	0.14	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
30	QUEEN MEDICAL COLLEGE FEROREPUR LAHORE	LAHORE	QUEEN MEDICAL COLLEGE	AUDIRORUM, BOUNDER WALL, EXTERNAL DEVELOPMENT, HOSPITAL AND MEDICAL COLLEGE	Feb-17	Dec-17	200	2.30	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
31	AL KHIDMAT SHEIKHUPURA	SHEIKHUPURA	Foundation of Faithful Pakistan	girls hostel, high School, Masjid	May-17	Jul-17	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
32	PUNJAB FOOD AUTHORITY	NEW MUSLIM TOWN, LAHORE	PUNJAB FOOD AUTHORITY	MULTI STORY BUILDING	May-17	Jun-17	75	0.86	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
33	FACTORY BUILDING FOR HEALTH CAPSULE PAKISTAN AT PLOT # 25 FEDMIC FAISALABAD	FAISALABAD	HEALTH CAPSULE PAKISTAN PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Nov-17	Dec-17	100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									• Cost Estimates, Specifications
34	CONSTRUCTION OF FACTORY BUILDING FOR DEELUX SPORTS SAILKOT	SAILKOT	MR. SOHAIL ASHRAF	MULTI STORY AND INDUSTRIAL BUILDING	Oct-17	Dec-17	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
35	CENTRAL PARK UNIVERSITY LAHORE	LAHORE	M/S URBAN DEVELOPER, LAHORE	MULTI STORY BUILDING	17-May	Dec-17	100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
36	NEW SOAP LINES AT NIMIR	SHEIKHPUR A	NIMIR INDUSTRIAL CHAMICALS LIMITED, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	Sep-17	Dec-17	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
37	FACTORY BUILDING FOR AS STEEL AT SKEIKHPURA SHARQPURA ROAD LAHORE	SKEIKHPURA ROAD SHARQPURA	A.S GROUP OF STEEL INDUSTRIES	MULTI STORY AND INDUSTRIAL BUILDING	JANUARY 2018	JANUARY 2018	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
38	SMART BRANCH OF BANK OF PUNJAB	SMART BRANCH OF BANK OF PUNJAB	BANK OF PUNJAB	FOUR ZONE THREE KOT CHUTTA, D.G. KHAN (2-B) SILLANWALI SARGODHA (2-A) TAKHT BAHAI DISTRICT MARDAR (2-B)	JANUARY 2018	July, 2018	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design

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					Start	Completion			
									<ul style="list-style-type: none"> •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
39	CARDIAC HOSPITAL TRADE CENTER JOHAR TOWN LAHORE	TRADE CENTER M.A JOHAR TOWN, SCHEME LAHORE	MR. MUBASHER AHMAD	MULTI STORY BUILDING	Sep-18	Oct-18	180	2.07	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
40	OFFICE BLOCK FOR FACTORY OF MR AYUB AT RAIWIND MANGA ROAD LAHORE	LAHORE	MR. UMAIR AYUB	MULTI STORY AND INDUSTRIAL BUILDING	Jan-18	Mar-18	95	1.09	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
41	SHELL STRUCTURE AT NIMIR INDUSTRIAL CHEMICAL, SHEIKHPURA	SHEIKHPUR A	NIMIR INDUSTRIAL CHEMICAL, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Apr-18	100	1.15	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
42	AAGOSH MURREE	MURREE	AL-KHIDUMAT PAKISTAN	MUSJID, ADMIN BLOCK HOSTAL, SCHOOL	Jul-18	Aug-18	25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design

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									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
43	ICE CREAM COLD STORAGE BUILDING ,MOUZA KACHA ,LAHORE	LAHORE	M/S C&B MARKETING SERVICES	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Apr-18	15	0.17	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
44	THEME PARK AT BAHRIA	LAHORE	BAHRIA TOWN, LAHORE	MULTI STORY BUILDING	Jul-18	Sep-18	200	2.30	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
45	FIRE RANGE AT MULTAN, CANTT	MULTAN	HOSPITAL AT PHOOL NAGAR, MULTAN	MULTI STORY AND INDUSTRIAL BUILDING	Apr-18	May-18	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
46	PLAZA FOR DR AFTAB CHATTA AT CANAL VIEW LAHORE	LAHORE	DR AFTAB CHATTA	MULTI STORY BUILDING	Apr-18	Jul-18	8.5	0.10	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

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									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
47	BEACON HOUSE SCHOOL SHEIKHPURA	SHEIKHUPUR A	BEACON HOUSE SCHOOL	MULTI STORY BUILDING	Jun-18	Aug-18	80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
48	SIX AT PARK PLAZA BUILDING AT USA	USA	SIX AT PARK PLAZA	MULTI STORY BUILDING	Feb-18	Nov-18	120	1.38	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
49	PARKING FACILITY AT HD-1, KHURRIANWALA, FAISALABAD	KHURRIANWALA FAISALABAD	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Jul-18	AUGHST 2018	5	0.06	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
50	FACTORY FOR PRISMATECH AT PLOT G-51, FAIDMIC FSD	INDUSTRIAL ESTATE, FIEDMC FAISALABAD	PRISMA TECH PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Jan-18	Mar-18	50	0.58	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

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									<ul style="list-style-type: none"> •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
51	GATE BUILDING FOR CANTT AREA AT TURBAT	TURBAT BALOCHISTAN	FRONTIER CONSTABULARY	MULTI STORY BUILDING	Oct-18	Nov-18	100	1.15	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
52	REHABILITATION WORK AT WAH CANTT	WAH CANN RAWALPINDI	ENGINEER MUHAMMAD RAFIQ	MULTI STORY BUILDING	Aug-18	Sep-18	50	0.58	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
53	PIPE RACK AT INTERLOOP HD-3 LAHORE	MANGA RIWAND ROAD LAHORE	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Mar-18	30	0.35	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
54	FACTORY BUILDING FOR UMER CONCRETE PRODUCTS AT JARANWALA	JARANWALA	MR. MUSHTAQ AHMAD	MULTI STORY AND INDUSTRIAL BUILDING	Nov-18	Dec-18	25	0.29	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations

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					Start	Completion			
									<ul style="list-style-type: none"> •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
55	MARQUEE AT KHASRA	MOUZA KANJLAN LAHORE.	MIAN MUHAMMAD TAHIR	MULTI STORY BUILDING	Sep-18	Dec-18	30	0.35	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
56	SHOOL BUILDING AT RAIWIND	RAIWIND ROAD LAHORE.	FATIMA FREEDOM RESOURCE CENTER	MULTI STORY AND INDUSTRIAL BUILDING	Dec-18	Dec-18	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
57	PLAZA BUILDING FOR Mr AMJAD AT PHALIA, MANDI BAHU DIN	MANDI BAHU DIN	MUHAMMAD AMJAD SHOAIL	MULTI STORY BUILDING	Oct-18	Nov-18	15	0.17	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
58	PLAZA BUILDING FOR	MANDI	MR	MULTI STORY AND INDUSTRIAL BUILDING	Oct-18	Dec-18	10	0.12	<ul style="list-style-type: none"> •Data Collection

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					Start	Completion			
	Mr MUHAMMID SHAFIQUE AT PHALIA, MANDI BAHU DIN	BAHU DIN	MUHAMMAD SHAFIQUE						<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
59	PROPOSED COMMERCIAL BUILDING FOR MIAN ASHRAF ALI	M.A JOHAR TOWN, LAHORE	MIAN ASHRAF ALI	MULTI STORY BUILDING	Oct-18	Oct-18	15	0.17	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
60	PROPOSED COMMERCIAL BUILDING FOR SHERANWALA GROUP	WAPDA TOWN, LAHORE.	SHERANWALA GROUP	MULTI STORY BUILDING	Nov-18	Nov-18	150	1.73	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
61	INDUSTRIAL BUILDING FOR IPC AT PLOT 25 M3 INDUSTRIAL AREA, FEIDMC, FAISALABAD	INDUSTRIAL FAISALABAD	PAChem Global PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Dec-18	Dec-18	100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
									• Cost Estimates, Specifications
62	ZAMIN CITY FEROEZPUR ROAD LAHORE	LAHORE	HAJI MUBARK	MULTI STORY BUILDING	JAN 2019	JAN 2019	150	1.73	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
63	BOP MONUMENT, VALANCIA LAHORE	LAHORE	RIZCON ENGINEER	MONUMENT ELEVATION	NOV 2019	NOV 19	50	0.58	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
64	Plaza for Mian Ashraf Ali at Plot No. 20-P, M.A. Johar Town Lahore	M.A. JOHAR TOWN, LAHORE.	MIAN ASHRAF ALI	MULTI STORY BUILDING	Jan-19	FEB 19	35	0.40	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
65	COMERCIAL BUILDING PLOT NO. 183 AIR LINES HOUSING SCHEME LAHORE	AIR LINES HOUSING SCHEME	AHSAN SHAMIN S/O SHAMIM AHMAD	MULTI STORY BUILDING	Jan-19	FEB 19	25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
66	COMERCIAL BUILDING	JARANWALA	MR.	MULTI STORY BUILDING	FEB 19	Mar-19	7.5	0.09	• Data Collection

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
	FOR Mr. ASHRAF JATT AT FAISALABAD, JARANWALA	FAISALABAD	MUHAMMAD ASHRAF JATT						<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
67	COMMERCIAL BUILDING NAEMAT KHANA FOR MR. SHOAB AT MUGHALPURA, LAHORE	MUGHAL PURA, LAHORE	MR. SHOAB	MULTI STORY BUILDING	FEB 19	Apr-19		-	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
68	PIPE RACK AT INTERLOOP HD-3 LAHORE	MANGA-RIWAND ROAD, LAHORE	INTERLOOP LIMITED,	MULTI STORY AND INDUSTRIAL BUILDING	FEB 19	Apr-19		-	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
69	STYLE TEXTILE PIPE TRUSS AT BUCHER KHANA DRAIN	RIWAND ROAD LAHORE.	STYLE TEXTILE PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	FEB 19	May-19	5	0.06	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
70	DIESEL UNLOADING TANK OF "STYLE TEXTILE PLOT 83-M, KOT LAKHPAT	KOT LAKHPAT, LAHORE	STYLE TEXTILE PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Apr-19	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
	QIE, KOT LAKHPAT, LAHORE								<ul style="list-style-type: none"> •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
71	COMERCIAL BUILDING FOR ABDUL RAZZAQ AT MIAN CHANNU	MIAN CHANNU	MR. ABDUL RAZZAQ	MULTI STORY BUILDING	Mar-19	Apr-19	8	0.09	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
72	Plaza for Mr. NAEEM IQBAL ,Plot No. 330-G-III, M.A. Johar Town Lahore	JOHAR TOWN, LAHORE.	MR. NAEEM IQBAL	MULTI STORY AND INDUSTRIAL BUILDING	Apr-19	Apr-19	80	0.92	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
73	ETP FOR COLGATE PALMOLIVE PAKISTAN KOTRI HYDERABAD	HADERABAD	COLGATE PALMOVLE PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Apr-19	May-19	50	0.58	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
74	FOUR BROTHERS AGRI PLANT NEAR ROHI NALA LAHORE	ROHI NALA LAHORE	FOUR BROTHERS GROUP PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Jun-19	65	0.75	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design

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					Start	Completion			
									<ul style="list-style-type: none"> •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
75	HAJI MUHAMMAD RICE PROCESSING MILLS	MURIDKE FEROZWALA	HAJI AMEENULLAH	MULTI STORY BUILDING	Jul-19	Aug-19	80	0.92	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
76	PARAMOUNT DISTRIBUTORS, LAHORE	KASUR ROAD KASUR	PARAMOUNT PHARMAECUTICALS	MULTI STORY BUILDING	Apr-19	May-19	75	0.86	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
77	LAHORE SCHOOL SYSTEM KARIM BLOCK LAHORE	KARIM BLOCK LAHORE.	MR. HUSAIN MIRZA	MULTI STORY AND INDUSTRIAL BUILDING	May-19	Jun-19	10	0.12	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
78	Plaza Building for Mr. Nadeem at 35-A Central Park, Lahore	CENTRAL PARK LAHORE	MRS TAHMINA NADEEM	MULTI STORY BUILDING	May-19	Jun-19	10	0.12	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations

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					Start	Completion			
									<ul style="list-style-type: none"> •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
79	PUNJAB SCHOOL BUILDING AT GT ROAD JHELUM	JHELUM	MR. MUHAMMAD IKRAM RAJA	BOYS BLOCK GIRLS & JUNIOR BOYS BLOCK	May-19	May-19	65	0.75	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
80	PROPOSED LEARNING RESOURCE CENTRE FOR AGOSH ALKHIDMAT MURREE	MURREE	ALKHIDMAT PAKISTAN	MULTI STORY BUILDING	Jun-19	Jul-19	100	1.15	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
81	ZA PLASTIC SUNDER LAHORE	LAHORE	ZA PLASTIC INDUSTRIAL, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	May-19	Jun-19	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
82	COMERCIAL BUILDING	MANDI	MRS SHAZIA	MULTI STORY AND INDUSTRIAL BUILDING	Jun-19	Jun-19	10	0.12	<ul style="list-style-type: none"> •Data Collection

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					Start	Completion			
	FOR Mrs SHAZIA SHAFIQUE AT PHALIA	BAHAUDDIN	SHAFIQUE						<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
83	COMMERCIAL BUILDING FOR Mrs. RAFIA NAWAZ RANJHA AT 17 CIVIC CENTER JOHAR TOWN ,LAHORE	M.A HOHAR TOWN, LAHORE.	MRS RAFIA NAWAZ RANJHA	MULTI STORY AND INDUSTRIAL BUILDING	Jul-19	Jul-19	15	0.17	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
84	PUNJAB SCHOOL AT TAJ BAGH SCHEME LAHORE	TAJ BAGH SCHEME LAHORE	MIAN MUHAMMAD UMER RASHEED	MULTI STORY AND INDUSTRIAL BUILDING	Jun-19	Jul-19	120	1.38	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
85	PLAZA FOR Mr MUHAMMAD SALEEM JOHAR TWON LAHORE	M.A HOHAR TOWN, LAHORE.	MR. MUHAMMAD SALEEM	MULTI STORY AND INDUSTRIAL BUILDING	Aug-19	Sep-19	15	0.17	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									• Cost Estimates, Specifications
86	REHABILITATION OF FACTORY BUILDING FOR M. BILAL QASIM	SHEIKHUPUR A	KR INDUSTRIES PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Sep-19	Oct-19	25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
87	REHABILITATION WORK FOR PTCL DATA CENTER JOHAR TOWN LAHORE	M.A HOHAR TOWN, LAHORE.	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Oct-19	Nov-19	20	0.23	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
88	PTCL EXCHANGE BUILGING, DHA, KARACHI	DHA, KARACHI	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Mar-19	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
89	PUNJAB SCHOOL AT WAPDA TOWN, LAHORE	WAPDA TOWN LAHORE	THE PUNJAB SCHOOL	PRE SCHOOL, GIRLS BLOCK BOYS BLOCK ADMIN BLOCK	May-19	Dec-19	150	1.73	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
90	DIAMOND INDUSTRIES INC. AT NEW INDUSTRIAL AREA, MIR PUR, AZAD KASHMIR	MIR PUR, AZAD KASHMIR	DIAMON INDUSTRIES INC	MULTI STORY AND INDUSTRIAL BUILDING	Nov-19	Dec-19	10	0.12	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
91	TUBEX PACKING (PVT.) LIMITED, LAHORE	FEROZEPUR ROAD LAHORE.	TUBEX PACKING (PVT.) LIMITED, LAHORE	MULTI STORY BUILDING	Dec-19	Dec-19	165	1.90	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
92	APPARTMENT BUILDING FOR CH. AZAM AT BAHRIA TOWN, LAHORE	BAHRIA TOWN, LAHORE.	CH. AZAM	MULTI STORY BUILDING	Dec-19	Dec-19	200	2.30	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
93	COMMERCIAL BUILDING FOR Mr. SAEED KHAN JOHAR TOWN ,LAHORE	JOHAR TOWN ,LAHORE	MR. SAEED KHAN	MULTI STORY AND INDUSTRIAL BUILDING	JANUARY 2020	MARCH 2020	25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

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					Start	Completion			
									<ul style="list-style-type: none"> •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
94	MULTISTORIED BUILDING FOR Mr. AFZAL, LAHORE	LAHORE	MR. AFZAL	MULTI STORY BUILDING	FEBRUARY 2020	FEBRUARY 2020	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
95	AFFAN TEXTILE AT GHONA ROAD, FAISALABAD	FAISALABAD		MULTI STORY AND INDUSTRIAL BUILDING			35	0.4025	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
96	ROAD LANE MARKING WITH CATEYES AT MUNICIPAL COPORATION, FAISALABAD	FAISALABAD		ROAD MARKING CATEYES	Feb-20	Mar-20	7	0.0805	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
97	COMMERCIAL BUILDING FOR MR. KHALID NASIR AT BAHRIA TOWN LAHORE	BAHRIA TOWN, LAHORE	MR. KHALID NASIR / MR. ZAHEER-UD-DIN / ZAHID	MULTI STORY BUILDING	Mar-20	Apr-20	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
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									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
98	EXTENSION ON BACKSIDE OF UCP FACTORY AT JARANWALA	JARANWALA	MR. MUSHTAQ AHMED CH.	MULTI STORY AND INDUSTRIAL BUILDING	Jan-20	Feb-20	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
99	ETP AT SHIKARPUR ROAD, SUKKUR	SUKKUR	SUKKUR BEVERAGES PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	May-20	Apr-20	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
100	COMMERCIAL BUILDING FOR MR. QAISER SAJJAD AT 80-C-II PGECHS LAHORE	PGECHS LAHORE.	MR. QAISER SAJJAD	MULTI STORY BUILDING	May-20	Apr-20	15	0.1725	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
101	FACTORY BUILDING FOR EXPERT ADVERTISING & PACKAGING LTD. LAHORE	KOT LAKHPAT LAHORE.	EXPERT ADVERTISING & PACKAGING PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Jun-20	Jul-20	45	0.5175	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

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					Start	Completion			
102	COMMERTIAL BUILDING AT NESPAK SOCIETY, LAHORE	NESPAK SOCIETY LAHORE	NESPAK ENMLOYEES COOPERATIVE SOCIETY	MULTI STORY BUILDING	Jun-20	Jul-20	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
103	MEP Interloop Raiwind Lahore	MANGA MANDI LAHORE	INTERLOOP PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Aug-20	Sep-20	15	0.1725	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
104	ETP FOR BESTWAY CEMENT Ltd. AT CHAKWAL	CHAKWAL	BESTWAY CEMENT	MULTI STORY AND INDUSTRIAL BUILDING	Jul-20	Jul-20	20	0.23	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
105	Ufone Office at PECO Road Lahore	LAHORE	PTML	MULTI STORY BUILDING	Mar-20	Apr-20	7	0.0805	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
106	FACTORY BUILDING AT	BUND ROAD,	HAJI HAMID	MULTI STORY AND INDUSTRIAL BUILDING	Jul-20	Aug-20	80	0.92	<ul style="list-style-type: none"> •Data Collection

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					Start	Completion			
	BUND ROAD LAHORE	MOUZA BHUMMA, LAHORE	IQBAL						<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
107	HOSTEL FOR AGOSH ALKHIDMAT AT KONODAS GILGIT	KONODAS GILGIT	AL-KHIDMAT FOUNDATION PAKISTAN	MULTI STORY BUILDING	Aug-20	Sep-20	120	1.38	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
108	REHAB & UPGRAD WORK FOR TAYYAB INTERNATIONAL CLOTH, GULBARG, LAHORE	GULGARG LAHORE	TAYYAB INTERNATIONAL COLTH	MULTI STORY BUILDING	Aug-20	Sep-20	7	0.0805	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
109	APARTMENT BUILDING FOR MUHAMMAD AZAM AT GARDEN TOWN ,LAHORE	GARDEN TOWN LAHORE	MUHAMMAD AZAM & MUHAMMAD FAREED	MULTI STORY BUILDING	Sep-20	Oct-20	200	2.3	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Cost Estimates, Specifications
110	LAND SCAPPING OF ISLAMABAD PTCL	ISLAMABAD	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Sep-20	OCT 2020	650	7.475	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
111	ETP FOR STAR LABORATORIES AT MULTAN ROAD, LAHORE	CHUNG LAHORE	STAR LABORATORIES	MULTI STORY AND INDUSTRIAL BUILDING	Sep-20	Oct-20	20	0.23	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
112	MANZOOR PALACE AT LAHORE	JALLO PARK LAHORE	CH. SHAFQAAT ALI	MULTI STORY BUILDING	Oct-20	Nov-20	63	0.7245	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
113	RED'Z CORPORATION AT KHAN MAHAL ROAD, RANG PURA, SIALKOT	RANGPURA, SIALKOT	RED'Z CORPORATION	MULTI STORY AND INDUSTRIAL BUILDING	Oct-20	Nov-20	15	0.1725	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

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					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
114	FORMED SURGICAL FOR ADNAN MALK AT MURADPUR ROAD SIALKOT	MURADPUR ROAD SIALKOT	MR. ADNAN MALIK	MULTI STORY BUILDING	Oct-20	Nov-20	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
115	REQUIREMENTS GROUP, SARWARABAD, KINGRA ROAD, SIALKOT	SARWARABAD, KINGRA ROAD, SIALKOT	MR. MALTOB KHAN	MULTI STORY AND INDUSTRIAL BUILDING	Oct-20	Nov-20	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
116	Mosque at Falcon Housing Scheme (AFOHS) Lahore	AFOHS, LAHORE.	PAKISTAN AIR FORCE	MULTI STORY BUILDING	Oct-20	Nov-20	35	0.4025	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
117	KFK ENTERPRISES AT 6-C2, MM ALAM ROAD, GULBERG, LAHORE	GULBERG LAHORE	KFK ENTERPRISES, LAHORE.	MULTI STORY AND INDUSTRIAL BUILDING	Nov-20	Dec-20	45	0.5175	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
118	SHAMPOO & HAND SANITIZER AT NIMIR	SHEIKHUPUR A	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Dec-20	Dec-20	50	0.575	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
119	STRUCTURA REHABILITATION OF MAK PALACE AT SIALKOT	FATEHGARH SIALKOT	MAK PALACE SIALKOT	MULTI STORY BUILDING	Dec-20	Dec-20	25	0.2875	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
120	CENTRAL PARK MEDICAL COLLAGE	CENTRAL PAK HOUSING SOCIETY LAHORE.	URBAN DEVELOPMENT PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	FEBRUARY 2021	MARCH 2021	200	2.3	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
121	ORPHAN HOMES FOR ARBT AT FERAZEPUR ROAD LAHORE	FEROZEPUR ROAD LAHORE	M/S ARBT PUNJAB, PAKISTAN	MULTI STORY BUILDING	May-21	Jun-21	140	1.61	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
122	BOXING GYM AND SQUASH COURT AT NISTER PARK LAHORE	NISTER PAK LAHORE	SPORTS BOARD PUNJAB,	MULTI STORY BUILDING	Sep-21	Oct-21	150	1.725	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
123	DIFFERENT STRUCTURES FOR GREEN WOOD SOCIETY AT JHANG	JHANG	GREEN WOOD SOCIETY AT JHANG	MULTI STORY BUILDING	AUGUST, 2021	Sep-21	200	2.3	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
124	NAWAB MALL, KASHMIR ROAD, SIALKOT	SIALKOT	CH. HABIB ULLAH	MULTI STORY AND INDUSTRIAL BUILDING	Jan-21	Feb-21	30	0.345	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
125	ALI SHER PLAZA AT HIGH STREET ROAD SAHIWAL	NEAR SONERI BANK SAHIWAL	ALI SHER PLAZA	MULTI STORY BUILDING	Jan-21	Feb-21	80	0.92	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
126	THE PUNJAB SCHOOL JALLO CAMPUS LAHORE	JALLO LAHORE	BAJWA DEVELOPERS	MULTI STORY BUILDING	Feb-21	Mar-21	90	1.035	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
127	COMMERCIAL BUILDING FOR Mr. RANA NISAR AT SAHIWAL	GIRLS COLLEGE ROAD SAHIWAL	RANA NISAR AHMAD KHAN	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21	75	0.8625	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
128	RICE PROCESSING PLANT AT OKARA	OKARA	MR. JAHI NUR MUHAMMAD DURRANI,	MAIN PLANT BUILDING MASQUE OFFICE BUILDING	Feb-21	Mar-21	200	2.3	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
129	FACTORY FOR CANNON THERMATEK AT FIEDMC FAISALABAD	FAISALABAD	CANNAN THERMATEK (PVT) LTD	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21	120	1.38	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Cost Estimates, Specifications
130	ETP FOR DIAMOND INDUSTRIES AT SIE, RAIWIND, LAHORE	RAIWIND LAHORE.	DIAMOND PAINT INDUSTRIES	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21	60	0.69	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
131	APPARTMENT BUILDING MURREE	MURREE	MR. ZEESHAN SAQIB & MR. FARHAN SHEIKH	MULTI STORY BUILDING	Feb-21	Mar-21	75	0.8625	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
132	Mr. ABDUL QADIR MAMDOT AT 110-G, MODEL TOWN, LAHORE	MODEL TOWN LAHORE	ABDUL QADIR	MULTI STORY HOUSE	Mar-21	Apr-21	2.5	0.02875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
133	HOME CARE PROJECT AT NIMIR	BHIKHI, SHEIKHUPUR A	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Mar-21	Apr-21	100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
134	WARE HOUSE AT NIMIR	BHIKHI, SHEIKHUPUR A	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Mar-21	Apr-21	120	1.38	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
135	FEED MILL AT MURIDKAY	TIWANA AT MURIDKAY	MR. NAIM TIWANA	MULTI STORY AND INDUSTRIAL BUILDING	May-21	Jun-21	50	0.575	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
136	DR MUBASHAR HOSPITAL AND RES AT SHAHKOT	SHAHKOT	DR MUBASHAR	HOSPITAL / MULTI STORY BUILDING	Jul-21	AUGUST, 2021	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
137	PAVALION 19 AT KHOR PAKKA, LODHRAN	LODHRAN	SPORTS BOARD PUNJAB	MULTI STORY BUILDING	May-21	Jun-21	30	0.345	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
138	PUNJAB SCHOOL AT SHAHDRA	G.T. ROAD SHAHDRA	M/S FAKHAR-UD-DIN	MULTI STORY BUILDING	Dec-21	Dec-21	36	0.414	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
139	HOSTEL AT INTELOOP HD 3 MAGA RAIWIND ROAD LAHORE	RAIWIND ROAD LAHORE	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Apr-21	May-21	25	0.2875	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
140	BIRGD ZULFIQAR MAIN CANAL ROAD, LAHORE	MAIN CANAL ROAD, LAHORE	BRIDADIER ZULFIQAR	MULTI STORY AND INDUSTRIAL BUILDING	May-21	Jun-21	75	0.8625	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
141	OHWT AT JAUHARABAD	JAUHARABAD	M/S SHALIMAR CONST. CO	CONSTRUCTION OF 10000 GALLONS OHR AT GOVERNMENT PLY TECHNIQUE INSTITUTE, HAUHARABAD	May-14	Jun-14	36	0.414	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
142	GYMNASIUM AT CHICHAWATNI SAHIWAL	CHICHAWAT NI SAHIWAL	SPORTS BOARD PUNJAB	MULTI STORY BUILDING	May-21	Jun-21	45	0.5175	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
143	WHRB MS SHED AT INTELOOP HD 3 MANGA RAIWIND ROAD LAHORE	MANGA RAIWIND LAHORE.	INTERLOOP LIMITED	STEEL SHED OF BOLER AREA BUILDING	Jun-21	Jul-21	7.5	0.08625	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
144	SPORTS COMPLEX AT KABIRWALA	KABIRWALA	PUNJAB SPORT BOARD	MULTI STORY BUILDING	Jun-21	Jul-21	75	0.8625	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
145	NEW ACADEMY OF	RAMKOT	PUNJAB	MULTI STORY BUILDING	Sep-21	Oct-21	750	8.625	<ul style="list-style-type: none"> •Data Collection

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
	ENGG IRRIGATION DEPARTMENT PUNJAB	LAHORE.	IRRIGATION DEPARTMENT						<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
146	HOSPITAL BUILDING FOR MR.WAQAR-UL-HASSAN AT PHALIA	PHALIA, MANDI BAHAUD DIN	MR. WAQAR-UL-HASSAN	MULTI STORY BUILDING / HOSPITAL	Jun-21	Jul-21	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
147	ALKHIDMAT SCHOOL FOR PECO ROAD, LAHORE	KOT LAKHPAT LAHORE.	MUHAMMAD IQBAL	MULTI STORY BUILDING	Jun-21	Jul-21	7.5	0.08625	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
148	CANTEEN AT INTELOOP HD 3 MANGA RAIWIND ROAD LAHORE	MANGA RAIWIND LAHORE.	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Jul-21	AUGUST, 2021	6.5	0.07475	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Cost Estimates, Specifications
149	PUNJAB SCHOOL FOR MR MOBEEN SHAFAT AT JIA BAGGA LAHORE	JIA BAGGA LAHORE	MR. MUBEEN SHAFAT	MULTI SCHOOL BUILDING	Jul-21	AUGUST, 2021	100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
150	GHAZALI EDUCATION TRUST MALIK GHULAM NABI CAMPUS	SHEROKAY, SHEIKHUPUR A	GHAZALI EDUCATION TRUST	MULTI STORY/ SCHOOL BUILDING	Sep-21	Oct-21	50	0.575	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
151	ETP FOR HAFIZ TENNEY AT GAJUMATTA LAHORE	GAJUMATTA LAHORE	HAFIZ TANNERY	MULTI STORY / HOSPITAL BUILDING	Sep-21	Oct-21	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
152	TAYYABA MASJID LAHORE	WALTON ROAD LAHORE.	AL-KHIDMAT FOUNDATION PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Sep-21	Oct-21	35	0.4025	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
153	REHABILITATION OF PUNJAB STADIUM LAHORE	PUNJAB STADIUM LAHORE	SPORTS BOARD PUNJAB	MULTI STORY / SPORTS BUILDING	Nov-21	Dec-21	40	0.46	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
154	LITIGANTS FACILITATION COMPLEX ISLAMABAD	ISLAMABAD		MULTI STORY AND INDUSTRIAL BUILDING	Nov-21	Dec-21	45	0.5175	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
155	ALKHIDMAT HOSPITAL BUILDING AT UPPER DIR	UPPER DIR		MULTI STORY AND INDUSTRIAL BUILDING	Nov-21	Dec-21	65	0.7475	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
156	PARWAIZ ASSOCIATE CENTRAL PARK			MULTI STORY AND INDUSTRIAL BUILDING	Nov-21	Dec-21	25	0.2875	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
157	MIAN KHALID ASSOCIATE CENTRAL PARK			MULTI STORY AND INDUSTRIAL BUILDING	Nov-21	Dec-21	7	0.0805	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
158	MPP AREA AT PHARMAGEN			MULTI STORY AND INDUSTRIAL BUILDING	Jan 21	Feb 21	140	1.61	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
159	AVCA BUILDING AT PHARMAGEN			MULTI STORY AND INDUSTRIAL BUILDING	Jan 22	Feb 22	70	0.805	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
160	ETP FOR ADAM DARIES AT SAHIWAL	SAHIWAL		MULTI STORY AND INDUSTRIAL BUILDING	Feb 22	March 22	50	0.575	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design

General Experience by Providing the List of Projects/Assignments Performed in the Past 06 Years

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
161	GRID STATION INTERLOOP			MULTI STORY AND INDUSTRIAL BUILDING	Feb 22	March 22	144	1.656	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
162	COMMERCIAL BUILDING PARK VIEW LAHORE	LAHORE		MULTI STORY AND INDUSTRIAL BUILDING	Feb 22	March 22	75	0.8625	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications
163	ORPHEN HOME BHERA			MULTI STORY AND INDUSTRIAL BUILDING	Feb 22	March 22	149	1.7135	<ul style="list-style-type: none"> •Data Collection •Design Review and Condition Survey •Survey and Investigations •Structures Design •Public health design •Electical and Electification Design •Detailed Design and Drawings •Bidding Documents •Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
1	CONSTRUCTION OF SCHOOL BUILDING	GULSHAN-E-LAHORE	MAKKAH FOUNDATION, LAHORE.	SWIMMING POOL Supporting Staff Hostel Junior Block Auditorium Punjab School Squash Courts Admin Block	JANUARY 16	FEB 2016	100	1.50	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	SIR ENGINEERING FACTORY FOR KOTLAKHPAT LHR	KOTLAKHPAT LHR	CONSTRUCTION OF FACTORY BUILDING	Multi story and Industrial building	MARCH, 2016	July, 2016	60	0.69	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	HEAD OFFICE BUILDING FOR AL-KHIDMAT LAHORE	Lahore	Al-Khidmat	Multi story and Industrial building	APRIL 2016	Jun-16	75	0.86	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
#REF!	Commercial Building of Ms Sheikh Carpets	16-K.M Multan Road, Lahore	MS Sheikh Carpets	MS Sheikh Carpets site Block-A,B & C, Office	Jul-16	Aug-16	40	0.46	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	PROPOSED BUILDING FOR MR. IMRAN & MR. SALAH-UD-DIN JOHAR TOWN LAHORE	Johar Town, Lahore.	Mr. Imran & Mr. Salah-ud-Din	Multi story House	Sep-16	Oct-16	25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	SHERANWALA APARTMENT	Canal Bank Road, Lahore.	Sheranwala	Multi story and Industrial building			150	1.13	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	STYLE TEXTILE	Kot Lakh Path, Lahore.	STYLE TEXTILE Pvt Ltd	Multi story and Industrial building			0.5	0.01	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
#REF!	CENTRAL PARK MEDICAL COLLAGE	Ferezpur Road, Lahore	Mian Tahir Javed (C.E.O)	Multi story and Industrial building			200	2.30	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	PUNJAB SPORTS DEPARTMENT NISTER PARK LAHORE	Lahore	Punjab Sports Department	Multi story and Industrial building			100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	SPORT STAR STUDIO DWGS AT QIE, KOT LAKH PATH	Kot Lakh Path, Lahore.	Sports Star Internationl Pvt Ltd	Multi story and Industrial building			50	0.58	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
#REF!	ARCO PLASTIC SUNDER LAHORE	LAHORE	ARCO PLASTICS (PVT) LTD	Multi story and Industrial building			75	0.86	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	CANOPY FOR TOTAL	TOTAL PAKISTAN	TOTAL	Steel Shed Designe			8	0.09	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	PROPOSED BUILDING OF KAMRAN SIDDIQUE AT BAHARIA TOWN, LAHORE	LAHORE	KAMRAN SIDDIQUE	Multi story building			25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	MEDICAL COLLEGE KHARIAN	KHARIAN	C.M.H MEDICAL COLLEGE	MULTI STORY BUILDING			100	1.15	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	BRIGHTO PAINTS	FAISALABAD	ENGINEER	MULTI STORY AND INDUSTRIAL			10	0.12	<ul style="list-style-type: none"> • Data Collection

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
	FASIALABAD		MUHAMMAD USMAN	BUILDING					<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	MASJID AT DHA	LAHORE	DHA	MULTI STORY BUILDING			20	0.23	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
#REF!	TERRANOVA LAHORE	LAHORE	MR. USMAN HAMEED	MULTI STORY AND INDUSTRIAL BUILDING			25	0.29	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	NEW HEAD OFFICE BUILDING FOR 6 SIGMA RAIWIND LAHORE	LAHORE	DERENCE HOUSING AUTHORITY	MULTI STORY AND INDUSTRIAL BUILDING			80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	MOSQUE AT NESPAK SOCIETY LAHORE	LAHORE	NESPAK EMPLOYEES COOPERATIVE SOCIETY	MULTI STORY BUILDING			20	0.23	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	AGOSH ALKHIDMAT MURREE	MURREE	AL- KHIDMAT FOUNDATION	MULTI STORY BUILDING			80	0.92	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
#REF!	PUNJAB SCHOOL AT SARGODHA	SARGODHA	THE PUNJAB SCHOOL	MULTI STORY BUILDING			70	0.81	<ul style="list-style-type: none"> • Data Collection

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
	SARGODHA		SCHOOL					<ul style="list-style-type: none"> • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications 	
#REF!	VIRTUAL UNIVERSITY JARANWALA	JARANWALA	MR. MUHAMMAD SHOAIL	MULTI STORY AND INDUSTRIAL BUILDING			65	0.75	<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
1	PLAZA FOR EXPO GOLD JOHAR TOWN LAHORE	JOHAR TOWN LAHORE	JB BUILDER & DEVELOPER	MULTI STORY AND INDUSTRIAL BUILDING	FEB, 2009	NOV 2017			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	REHABILITATION WORK AT UNITED HEAD OFFICE LAHORE	LAHORE	MR SANA ULLAH CH.	MULTI STORY AND INDUSTRIAL BUILDING	NOV 2016	DEC 2017			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	AL KHIDMAT MULTAN	MULTAN	AL- KHIDMAT FOUNDATION	MULTI STORY BUILDING	MARCH 2017	NOV 2017			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
4	CONSTRUCTION WORK AT NFC HEAD OFFICE	LAHORE	NFC	MULTI STORY BUILDING	Mar-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
5	NASEEMA KHATOON MEMORIAL TRUST SCHOOL GUJRANWALA	GUJRANWALA	BOD OF NASEEM KHATOON MEMORIAL TRUST	MULTI STORY AND INDUSTRIAL BUILDING	Feb-17	Oct-17			<ul style="list-style-type: none"> • Cost Estimates, Specifications • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	MARRIAGE HALL AT TANDINWALA	TANDINWALA		MULTI STORY BUILDING	May-17	Jun-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
7	AUDITRIUM AT MANSOORA	MULTAN ROAD LAHORE	JAMAAT-E-ISLAMI	MULTI STORY AND INDUSTRIAL BUILDING	Nov-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
8	QUEEN MEDICAL COLLEGE FEROPUR LAHORE	LAHORE	QUEEN MEDICAL COLLEGE	AUDIRORUM, BOUNDER WALL, EXTERNAL DEVELOPMENT, HOSPITAL AND MEDICAL COLLEGE	Feb-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

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					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
9	AL KHIDMAT SHEIKHUPURA	SHEIKHUPURA	Foundation of Faithful Pakistan	girls hostel, high School, Masjid	May-17	Jul-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	PUNJAB FOOD AUTHORITY	NEW MUSLIM TOWN, LAHORE	PUNJAB FOOD AUTHORITY	MULTI STORY BUILDING	May-17	Jun-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
11	FACTORY BUILDING FOR HEALTH CAPSULE PAKISTAN AT PLOT # 25 FEDMIC FAISALABAD	FAISALABAD	HEALTH CAPSULE PAKISTAN PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Nov-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
12	CONSTRUCTION OF FACTORY BUILDING FOR DEELUX SPORTS SAILKOT	SAILKOT	MR. SOHAIL ASHRAF	MULTI STORY AND INDUSTRIAL BUILDING	Oct-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
13	CENTRAL PARK UNIVERSITY LAHORE	LAHORE	M/S URBAN DEVELOPER, LAHORE	MULTI STORY BUILDING	17-May	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	NEW SOAP LINES AT NIMIR	SHEIKHUPURA	NIMIR INDUSTRIAL CHAMICALS LIMITED, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	Sep-17	Dec-17			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
1	FACTORY BUILDING FOR AS STEEL AT SKEIKHPURA SHARQPURA ROAD LAHORE	SKEIKHPUR A ROAD SHARQPURA	A.S GROUP OF STEEL INDUSTRIES	MULTI STORY AND INDUSTRIAL BUILDING	JANUARY 2018	JANUARY 2018			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	SMART BRANCH OF BANK OF PUNJAB	SMART BRANCH OF BANK OF PUNJAB	BANK OF PUNJAB	FOUR ZONE THREE KOT CHUTTA, D.G. KHAN (2-B) SILLANWALI SARGODHA (2-A) TAKHT BAHAI DISTRICT MARDAR (2-B)	JANUARY 2018	July, 2018			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	CARDIAC HOSPITAL TRADE CENTER JOHAR TOWN LAHORE	TRADE CENTER M.A JOHAR TOWN, SCHEME LAHORE	MR. MUBASHER AHMAD	MULTI STORY BUILDING	Sep-18	Oct-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
4	Structural Evaluation of Interloop HD-I and HD-II, Khurrianwala	KHURRIANWALA	INTERLOOP LIMITED	HD-I, HD-II, HD-III	Dec-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
5	COFFEE BAR	RAIWIND MANGA ROAD, LAHORE.	MR. UMAIR AYUB	MULTI STORY BUILDING	Jan-18	Mar-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	OFFICE BLOCK FOR FACTORY OF MR AYUB AT RAIWIND MANGA ROAD LAHORE	LAHORE	MR. UMAIR AYUB	MULTI STORY AND INDUSTRIAL BUILDING	Jan-18	Mar-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
7	SHELL STRUCTURE AT NIMIR INDUSTRIAL CHEMICAL, SHEIKHPURA	SHEIKHUPURA	NIMIR INDUSTRIAL CHEMICAL, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Apr-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
8	AAGOSH MURREE	MURREE	AL-KHIDUMAT PAKISTAN	MUSJID, ADMIN BLOCK HOSTAL, SCHOOL	Jul-18	Aug-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
9	ICE CREAM COLD STORAGE BUILDING ,MOUZA KACHA ,LAHORE	LAHORE	M/S C&B MARKETING SERVICES	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Apr-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	THEME PARK AT BAHRIA	LAHORE	BAHRIA TOWN, LAHORE	MULTI STORY BUILDING	Jul-18	Sep-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
11	FIRE RANGE AT MULTAN, CANTT		HOSPITAL AT PHOOL NAGAR, MULTAN	MULTI STORY AND INDUSTRIAL BUILDING	Apr-18	May-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations

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					Start	Completion			
		MULTAN							<ul style="list-style-type: none"> • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
12	PLAZA FOR DR AFTAB CHATTA AT CANAL VIEW LAHORE	LAHORE	DR AFTAB CHATTA	MULTI STORY BUILDING	Apr-18	Jul-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
13	BEACON HOUSE SCHOOL SHEIKHPURA	SHEIKHUPURA	BEACON HOUSE SCHOOL	MULTI STORY BUILDING	Jun-18	Aug-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	PRODUCTION HALL AT HCP FAISALABAD FOR FACTORY BUILDING HCP AT P-25,FEIDMC, FSD	FAISALABAD	HCP FACTORY FAISALABAD	BOUNDARY WALL	Jun-18	Aug-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
15	SIX AT PARK PLAZA BUILDING AT USA		SIX AT PARK PLAZA	MULTI STORY BUILDING	Feb-18	Nov-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey

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					Start	Completion			
		USA							<ul style="list-style-type: none"> • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
16	MOUNMAINT EXTENSION AT AL JALIL GARDEEN	SHAHRQPUR ROAD LAHORE.	AL JALIL GARDEEN HOUSING SCHEMET	MULTI STORY BUILDING	Jul-18	AUGHST 2018			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
17	PARKING FACILITY AT HD-1, KHURRIANWALA, FAISALABAD	KHURRIANWALA FAISALABAD	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Jul-18	AUGHST 2018			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
18	FACTORY FOR PRISMATECH AT PLOT G-51, FAIDMIC FSD	INDUSTRIAL ESTATE, FIEDMC FAISALABAD	PRISMA TECH PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Jan-18	Mar-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
19	GATE BUILDING FOR CANTT AREA AT TURBAT	TURBAT BALOCHISTAN	FRONTIER CONSTABULARY	MULTI STORY BUILDING	Oct-18	Nov-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
20	REHABILITATION WORK AT WAH CANTT	WAH CANN RAWALPINDI	ENGINEER MUHAMMAD RAFIQ	MULTI STORY BUILDING	Aug-18	Sep-18			<ul style="list-style-type: none"> • Cost Estimates, Specifications • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
21	PIPE RACK AT INTERLOOP HD-3 LAHORE	MANGA RIWAND ROAD LAHORE	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Feb-18	Mar-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
22	STEEL FABRICATION SHED AT METRO SOHES, BANK ROAD RAWALPINDI	SADDAR RAWALPINDI	METRO SHOES	MULTI STORY BUILDING	Aug-18	Sep-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
23	FACTORY BUILDING FOR UMER CONCRETE PRODUCTS AT JARANWALA	JARANWALA	MR. MUSHTAQ AHMAD	MULTI STORY AND INDUSTRIAL BUILDING	Nov-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

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					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
24	MARQUEE AT KHASRA	MOUZA KANJARAN LAHORE.	MIAN MUHAMMAD TAHIR	MULTI STORY BUILDING	Sep-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
25	SHOOL BUILDING AT RAIWIND	RAIWIND ROAD LAHORE.	FATIMA FREEDOM RESOURCE CENTER	MULTI STORY AND INDUSTRIAL BUILDING	Dec-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
26	PLAZA BUILDING FOR Mr AMJAD AT PHALIA, MANDI BAHU DIN	MANDI BAHU DIN	MUHAMMAD AMJAD SHOAIL	MULTI STORY BUILDING	Oct-18	Nov-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
27	PLAZA BUILDING FOR Mr MUHAMMD SHAFIQUE AT PHALIA, MANDI BAHU DIN	MANDI BAHU DIN	MR MUHAMMAD SHAFIQUE	MULTI STORY AND INDUSTRIAL BUILDING	Oct-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

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					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
28	POLE FOR FLOOD LIGH AT BARKI ROAD LAHORE	LAHORE	MR. NIAZ ALI	MULTI STORY BUILDING	Oct-18	Oct-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
29	PROPOSED COMMERCIAL BUILDING FOR MIAN ASHRAF ALI	M.A JOHAR TOWN, LAHORE	MIAN ASHRAF ALI	MULTI STORY BUILDING	Oct-18	Oct-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
30	PROPOSED COMMERCIAL BUILDING FOR Mr. BABER RASHEED	M.A JOHAR TOWN, LAHORE	MR. BABER RASHEED / MR. RIAZ AHMAD	MULTI STORY BUILDING	Jan-18	Feb-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
31	PROPOSED COMMERCIAL BUILDING FOR SHERANWALA GROUP	WAPDA TOWN,	SHERANWALA GROUP	MULTI STORY BUILDING	Nov-18	Nov-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
		LAHORE.							<ul style="list-style-type: none"> • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
32	INDUSTRIAL BUILDING FOR IPC AT PLOT 25 M3 INDUSTRIAL AREA, FEIDMC, FAISALABAD	INDUSTRIAL FAISALABAD	PAChem Global PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Dec-18	Dec-18			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
1	ZAMIN CITY FEROZEPUR ROAD LAHORE	LAHORE	HAJI MUBARK	MULTI STORY BUILDING	JAN 2019	JAN 2019			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	CONSTRUCTION OF FACTORY BUILDING FOR IPC AT PLOT 25, FEIDMC, FAISALABAD	FAISALABAD	PA CHEM GLOBAL (PVT) LTD	BOUNDEAY WALL	JAN 2019	JAN 2019			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	BOP MONUMENT, VALANCIA LAHORE	LAHORE	RIZCON ENGINEER	MONUMENT ELEVATION	NOV 2019	NOV 19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
4	Plaza for Mian Ashraf Ali at Plot No. 20-P, M.A. Johar Town Lahore	M.A. JOHAR TOWN, LAHORE.	MIAN ASHRAF ALI	MULTI STORY BUILDING	Jan-19	FEB 19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
5	COMERCIAL BUILDING PLOT NO. 183 AIR LINES HOUSING SCHEME LAHORE	AIR LINES HOUSING SCHEME	AHSAN SHAMIN S/O SHAMIM AHMAD	MULTI STORY BUILDING	Jan-19	FEB 19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	COMERCIAL BUILDING FOR Mr. ASHRAF JATT AT FAISALABAD, JARANWALA	JARANWALA FAISALABAD	MR. MUHAMMAD ASHRAF JATT	MULTI STORY BUILDING	FEB 19	Mar-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
7	COMMERCIAL BUILDING NAEMAT KHANA FOR MR. SHOAB AT MUGHALPURA, LAHORE	MUGHAL PURA, LAHORE	MR. SHOAB	MULTI STORY BUILDING	FEB 19	Apr-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
8	PIPE RACK AT INTERLOOP HD-3 LAHORE	MANGA-RIWAND ROAD, LAHORE	INTERLOOP LIMITED,	MULTI STORY AND INDUSTRIAL BUILDING	FEB 19	Apr-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
9	STYLE TEXTILE PIPE TRUSS AT BUCHER KHANA DRAIN	RIWAND ROAD LAHORE.	STYLE TEXTILE PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	FEB 19	May-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	DIESEL UNLOADING TANK OF "STYLE TEXTILE PLOT 83-M, QIE, KOT LAKHPAT, LAHORE	KOT LAKHPAT, LAHORE	STYLE TEXTILE PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Apr-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
11	COMERCIAL BUILDING FOR ABDUL RAZZAQ AT MIAN CHANNU	MIAN CHANNU	MR. ABDUL RAZZAQ	MULTI STORY BUILDING	Mar-19	Apr-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
12	Plaza for Mr. NAEEM IQBAL ,Plot No. 330-G-III, M.A. Johar Town Lahore	JOHAR TOWN, LAHORE.	MR. NAEEM IQBAL	MULTI STORY AND INDUSTRIAL BUILDING	Apr-19	Apr-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
13	ETP FOR COLGATE PALMOLIVE PAKISTAN KOTRI HYDERABAD	HADERABAD	COLGATE PALMOVLE PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Apr-19	May-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	FOUR BROTHERS AGRI PLANT NEAR ROHI NALA LAHORE	ROHI NALA LAHORE	FOUR BROTHERS GROUP PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
15	HAJI MUHAMMAD RICE PROCESSING MILLS	MURIDKE FEROZWALA	HAJI AMEENULLAH	MULTI STORY BUILDING	Jul-19	Aug-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
16	PARAMOUNT DISTRIBUTORS, LAHORE	KASUR ROAD KASUR	PARAMOUNT PHARMAECUTICALS	MULTI STORY BUILDING	Apr-19	May-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
17	LAHORE SCHOOL SYSTEM KARIM BLOCK LAHORE	KARIM BLOCK LAHORE.	MR. HUSAIN MIRZA	MULTI STORY AND INDUSTRIAL BUILDING	May-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
18	Plaza Building for Mr. Nadeem at 35-A Central Park, Lahore	CENTRAL PARK LAHORE	MRS TAHMINA NADEEM	MULTI STORY BUILDING	May-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
19	PUNJAB SCHOOL BUILDING AT GT ROAD JHELUM	JHELUM	MR. MUHAMMAD IKRAM RAJA	BOYS BLOCK GIRLS & JUNIOR BOYS BLOCK	May-19	May-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
									• Cost Estimates, Specifications

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					Start	Completion			
20	UCS Company Registration	LAHORE	MR. HAFIZ ABDULLAH	MULTI STORY BUILDING	May-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
21	PROPOSED LEARNING RESOURCE CENTRE FOR AGOSH ALKHIDMAT MURREE	MURREE	ALKHIDMAT PAKISTAN	MULTI STORY BUILDING	Jun-19	Jul-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
22	AS BUILT STRUCTURAL DRAWINGS AFTER FARO SCANNING FOR STYLE TEXTILE LAHORE	KOT LAKHPAT, LAHORE	STYLE TEXTILE PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Oct-19	Nov-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
23	ZA PLASTIC SUNDER LAHORE	LAHORE	ZA PLASTIC INDUSTRIAL, LAHORE	MULTI STORY AND INDUSTRIAL BUILDING	May-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
									<ul style="list-style-type: none"> • Cost Estimates, Specifications
24	COMERCIAL BUILDING FOR Mrs SHAZIA SHAFIQUE AT PHALIA	MANDI BAHAUDDIN	MRS SHAZIA SHAFIQUE	MULTI STORY AND INDUSTRIAL BUILDING	Jun-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electfication Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
25	COMERCIAL BUILDING FOR Mr. MUHAMMAD YOUNAS AT JHUMRA ROAD, JARANWALA	JHUMRA ROAD, JARANWALA	MR. YOUNAS	MULTI STORY BUILDING	Jun-19	Jun-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electfication Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
26	COMMERCIAL BUILDING FOR Mrs. RAFIA NAWAZ RANJHA AT 17 CIVIC CENTER JOHAR TOWN ,LAHORE	M.A HOHAR TOWN, LAHORE.	MRS RAFIA NAWAZ RANJHA	MULTI STORY AND INDUSTRIAL BUILDING	Jul-19	Jul-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electfication Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
27	PUNJAB SCHOOL AT TAJ BAGH SCHEME LAHORE	TAJ BAGH SCHEME LAHORE	MIAN MUHAMMAD UMER RASHEED	MULTI STORY AND INDUSTRIAL BUILDING	Jun-19	Jul-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electfication Design • Detailed Design and Drawings

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					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
28	AS BUILT DRWINGS OF STAIRS AT INTERLOOP	KHURRIANWALA, FAISALABAD	INTERLOOP LIMITED,	MULTI STORY AND INDUSTRIAL BUILDING	Jul-19	Aug-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
29	PLAZA FOR Mr MUHAMMAD SALEEM JOHAR TWON LAHORE	M.A HOHAR TOWN, LAHORE.	MR. MUHAMMAD SALEEM	MULTI STORY AND INDUSTRIAL BUILDING	Aug-19	Sep-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
30	REHABILITATION OF FACTORY BUILDING FOR M. BILAL QASIM	SHEIKHUPUR A	KR INDUSTRIES PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Sep-19	Oct-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
31	REHABILITATION WORK FOR CORNER HAVELLI DIJKOT	KARKHANA BAZAR, DIJKOT FAISALABAD	MR. MUSHTAQ AHMAD CH.	MULTI STORY BUILDING	Feb-19	Mar-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
32	REHABILITATION WORK FOR PTCL DATA CENTER JOHAR TOWN LAHORE	M.A HOHAR TOWN, LAHORE.	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Oct-19	Nov-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
33	PTCL EXCHANGE BUILDING, DHA, KARACHI	DHA, KARACHI	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Mar-19	Mar-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
34	PUNJAB SCHOOL AT WAPDA TOWN, LAHORE	WAPDA TOWN LAHORE	THE PUNJAB SCHOOL	PRE SCHOOL, GIRLS BLOCK BOYS BLOCK ADMIN BLOCK	May-19	Dec-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electrification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
35	DIAMOND INDUSTRIES INC. AT NEW INDUSTRIAL	MIR PUR, AZAD	DIAMON INDUSTRIES INC	MULTI STORY AND INDUSTRIAL BUILDING	Nov-19	Dec-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

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					Start	Completion			
	AREA, MIR PUR, AZAD KASHMIR	KASHMIR							<ul style="list-style-type: none"> • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
36	MASJID HAFT MADAR	KASUR PUNJAB	MASJID HAFT MADAR	MULTI STORY BUILDING	Oct-19	Nov-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
37	TUBEX PACKING (PVT.) LIMITED, LAHORE	FEROZEPUR ROAD LAHORE.	TUBEX PACKING (PVT.) LIMITED, LAHORE	MULTI STORY BUILDING	Dec-19	Dec-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
38	APPARTMENT BUILDING FOR CH. AZAM AT BAHRIA TOWN, LAHORE	BAHRIA TOWN, LAHORE.	CH. AZAM	MULTI STORY BUILDING	Dec-19	Dec-19			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
1	COMMERCIAL BUILDING FOR Mr. SAEED KHAN JOHAR TOWN ,LAHORE	JOHAR TOWN ,LAHORE	MR. SAEED KHAN	MULTI STORY AND INDUSTRIAL BUILDING	JANUARY 2020	MARCH 2020			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	MULTISTORIED BUILDING FOR Mr. AFZAL, LAHORE	LAHORE	MR. AFZAL	MULTI STORY BUILDING	FEBRUAR Y 2020	FEBRUARY 2020			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	AFFAN TEXTILE AT GHONA ROAD, FAISALABAD	FAISALABAD		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
4	ROAD LANE MARKING WITH CATEYES AT MUNICIPAL COPORATION, FAISALABAD	FAISALABAD		ROAD MARKING CATEYES	Feb-20	Mar-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
5	COMMERCIAL BUILDING FOR MR. KHALID NASIR AT BAHRIA TOWN LAHORE	BAHRIA TOWN, LAHORE	MR. KHALID NASIR / MR. ZAHEER-UD-DIN / ZAHID	MULTI STORY BUILDING	Mar-20	Apr-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	EXTENSION ON BACKSIDE OF UCP FACTORY AT JARANWALA	JARANWALA	MR. MUSHTAQ AHMED CH.	MULTI STORY AND INDUSTRIAL BUILDING	Jan-20	Feb-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
7	ETP AT SHIKARPUR ROAD, SUKKUR	SUKKUR	SUKKUR BEVERAGES PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	May-20	Apr-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
8	COMMERCIAL BUILDING FOR MR. QAISER SAJJAD AT 80-C-II PGECHS LAHORE	PGECHS LAHORE.	MR. QAISER SAJJAD	MULTI STORY BUILDING	May-20	Apr-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
9	FACTORY BUILDING FOR EXPERT ADVERTISING & PACKAGING LTD. LAHORE	KOT LAKHPAT LAHORE.	EXPERT ADVERTISING & PACKAGING PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Jun-20	Jul-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	COMMERCIAL BUILDING AT NESPAK SOCIETY, LAHORE	NESPAK SOCIETY LAHORE	NESPAK ENMLOYEES COOPERATIVE SOCIETY	MULTI STORY BUILDING	Jun-20	Jul-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
11	MEP Interloop Raiwind Lahore	MANGA MANDI LAHORE	INTERLOOP PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	Aug-20	Sep-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
12	ETP FOR BESTWAY CEMENT Ltd. AT CHAKWAL	CHAKWAL	BESTWAY CEMENT	MULTI STORY AND INDUSTRIAL BUILDING	Jul-20	Jul-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
13	Ufone Office at PECO Road Lahore	LAHORE	PTML	MULTI STORY BUILDING	Mar-20	Apr-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	FACTORY BUILDING AT BUND ROAD LAHORE	BUND ROAD, MOUZA BHUMMA, LAHORE	HAJI HAMID IQBAL	MULTI STORY AND INDUSTRIAL BUILDING	Jul-20	Aug-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
15	HOSTEL FOR AGOSH ALKHIDMAT AT KONODAS GILGIT	KONODAS GILGIT	AL-KHIDMAT FOUNDATION PAKISTAN	MULTI STORY BUILDING	Aug-20	Sep-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
16	REHAB & UPGRAD WORK FOR TAYYAB INTERNATIONAL CLOTH, GULBARG, LAHORE	GULGARG LAHORE	TAYYAB INTERNATIONAL COLTH	MULTI STORY BUILDING	Aug-20	Sep-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
17	REHABILITATION WORK OF SHOP AT MAO COLLEGE LAHORE	GOVT M.A.O. COLLEGE LAHORE	ASAD KHAN	MULTI STORY BUILDING	Apr-20	May-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
18	APARTMENT BUILDING FOR MUHAMMAD AZAM AT GARDEN TOWN ,LAHORE	GARDEN TOWN LAHORE	MUHAMMAD AZAM & MUHAMMAD FAREED	MULTI STORY BUILDING	Sep-20	Oct-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Cost Estimates, Specifications
19	APARTMENT BUILDING FOR KHALIL SHAH AT JARANWALA	JARANWALA	M. KHALIL SHAH	MULTI STORY BUILDING	Sep-20	Oct-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
20	LAND SCAPPING OF ISLAMABAD PTCL	ISLAMABAD	PTCL	MULTI STORY AND INDUSTRIAL BUILDING	Sep-20	OCT 2020			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
21	ETP FOR STAR LABORATORIES AT MULTAN ROAD, LAHORE	CHUNG LAHORE	STAR LABORATORIES	MULTI STORY AND INDUSTRIAL BUILDING	Sep-20	Oct-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
22	MANZOOR PALACE AT LAHORE	JALLO PARK LAHORE	CH. SHAFQAAT ALI	MULTI STORY BUILDING	Oct-20	Nov-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

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					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
23	RED'Z CORPORATION AT KHAN MAHAL ROAD, RANG PURA, SIALKOT	RANGPURA, SIALKOT	RED'Z CORPORATION	MULTI STORY AND INDUSTRIAL BUILDING	Oct-20	Nov-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
24	FORMED SURGICAL FOR ADNAN MALK AT MURADPUR ROAD SIALKOT	MURADPUR ROAD SIALKOT	MR. ADNAN MALIK	MULTI STORY BUILDING	Oct-20	Nov-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
25	REQUIREMENTS GROUP, SARWARABAD, KINGRA ROAD, SIALKOT	SARWARABAD, KINGRA ROAD, SIALKOT	MR. MALTOB KHAN	MULTI STORY AND INDUSTRIAL BUILDING	Oct-20	Nov-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
26	Mosque at Falcon Housing Scheme (AFOHS) Lahore	AFOHS, LAHORE.	PAKISTAN AIR FORCE	MULTI STORY BUILDING	Oct-20	Nov-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

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					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
27	KFK ENTERPRISES AT 6-C2, MM ALAM ROAD, GULBERG, LAHORE	GULBERG LAHORE	KFK ENTERPRISES, LAHORE.	MULTI STORY AND INDUSTRIAL BUILDING	Nov-20	Dec-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
28	SHAMPOO & HAND SANITIZER AT NIMIR	SHEIKHUPU RA	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Dec-20	Dec-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
29	STRUCTURA REHABILITATION OF MAK PALACE AT SIALKOT	FATEHGARH SIALKOT	MAK PALACE SIALKOT	MULTI STORY BUILDING	Dec-20	Dec-20			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
1	PUNJAB SCHOOL NURSERY BLOCK	TOWNSHIP LAHORE.	THE PUNJAB SCHOOL	MULTI STORY BUILDING	AUGUST, 2021	AUGUST, 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	Pharmagen at Ferozepur Road	FEROZEPUR LAHORE	PHARMAGEN LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	FEBRUAR Y 2021	MARCH 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	CENTRAL PARK MEDICAL COLLAGE	CENTRAL PAK HOUSING SOCIETY LAHORE.	URBAN DEVELOPMENT PVT LTD	MULTI STORY AND INDUSTRIAL BUILDING	FEBRUAR Y 2021	MARCH 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
4	ORPHAN HOMES FOR ARBT AT FEROZEPUR ROAD LAHORE	FEROZEPUR ROAD LAHORE	M/S ARBT PUNJAB, PAKISTAN	MULTI STORY BUILDING	May-21	Jun-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
5	BOXING GYM AND SQUASH COURT AT NISTER PARK LAHORE	NISTER PAK LAHORE	SPORTS BOARD PUNJAB,	MULTI STORY BUILDING	Sep-21	Oct-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	DIFFERENT STRUCTURES FOR GREEN WOOD SOCIETY AT JHANG	JHANG	GREEN WOOD SOCIETY AT JHANG	MULTI STORY BUILDING	AUGUST, 2021	Sep-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
7	NAWAB MALL, KASHMIR ROAD, SIALKOT	SIALKOT	CH. HABIB ULLAH	MULTI STORY AND INDUSTRIAL BUILDING	Jan-21	Feb-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
8	ALI SHER PLAZA AT HIGH STREET ROAD SAHIWAL	NEAR SONERI BANK SAHIWAL	ALI SHER PLAZA	MULTI STORY BUILDING	Jan-21	Feb-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
9	THE PUNJAB SCHOOL JALLO CAMPUS LAHORE	JALLO LAHORE	BAJWA DEVELOPERS	MULTI STORY BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	COMMERCIAL BUILDING FOR Mr. RANA NISAR AT SAHIWAL	GIRLS COLLEGE ROAD SAHIWAL	RANA NISAR AHMAD KHAN	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
11	RICE PROCESSING PLANT AT OKARA	OKARA	MR. JAHI NUR MUHAMMAD DURRANI,	MAIN PLANT BUILDING MASQUE OFFICE BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
12	FACTORY FOR CANNON THERMATEK AT FIEDMC FAISALABAD	FAISALABAD	CANNAN THERMATEK (PVT) LTD	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
13	ETP FOR DIAMOND INDUSTIES AT SIE, RAIWIND, LAHORE	RAIWIND LAHORE.	DIAMOND PAINT INDUSTIES	MULTI STORY AND INDUSTRIAL BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	APPARTMENT BUILDING MURREE	MURREE	MR. ZEESHAN SAQIB & MR. FARHAN SHEIKH	MULTI STORY BUILDING	Feb-21	Mar-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
15	Mr. ABDUL QADIR MAMDOT AT 110-G, MODEL TOWN, LAHORE	MODEL TOWN LAHORE	ABDUL QADIR	MULTI STORY HOUSE	Mar-21	Apr-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
16	HOME CARE PROJECT AT NIMIR	BHIKHI, SHEIKHUPURA	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Mar-21	Apr-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
17	WARE HOUSE AT NIMIR	BHIKHI, SHEIKHUPURA	NIMIR INDUSTRIAL CHEMICALS LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Mar-21	Apr-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

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					Start	Completion			
18	FEED MILL AT MURIDKAY	TIWANA AT MURIDKAY	MR. NAIM TIWANA	MULTI STORY AND INDUSTRIAL BUILDING	May-21	Jun-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
19	DR MUBASHAR HOSPITAL AND RES AT SHAHKOT	SHAHKOT	DR MUBASHAR	HOSPITAL / MULTI STORY BUILDING	Jul-21	AUGUST, 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
20	PAVALION 19 AT KHOR PAKKA, LODHRAN	LODHRAN	SPORTS BOARD PUNJAB	MULTI STORY BUILDING	May-21	Jun-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
21	PUNJAB SCHOOL AT SHAHDRA	G.T. ROAD SHAHDRA	M/S FAKHAR-UD-DIN	MULTI STORY BUILDING	Dec-21	Dec-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents

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					Start	Completion			
22	HOSTEL AT INTELOOP HD 3 MAGA RAIWIND ROAD LAHORE	RAIWIND ROAD LAHORE	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Apr-21	May-21			<ul style="list-style-type: none"> • Cost Estimates, Specifications • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
23	BIRGD ZULFIQAR MAIN CANAL ROAD, LAHORE	MAIN CANAL ROAD, LAHORE	BRIDADIER ZULFIQAR	MULTI STORY AND INDUSTRIAL BUILDING	May-21	Jun-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
24	OHWT AT JAUHARABAD	JAUHARABAD	M/S SHALIMAR CONST. CO	CONSTRUCTION OF 10000 GALLONS OHR AT GOVERNMENT PLY TECHNIQUE INSTITUTE, HAUHARABAD	May-14	Jun-14			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
25	GYMNASIUM AT CHICHAWATNI SAHIWAL	CHICHAWATNI SAHIWAL	SPORTS BOARD PUNJAB	MULTI STORY BUILDING	May-21	Jun-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings

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					Start	Completion			
									<ul style="list-style-type: none"> • Bidding Documents • Cost Estimates, Specifications
26	WHRB MS SHED AT INTELOOP HD 3 MANGA RAIWIND ROAD LAHORE	MANGA RAIWIND LAHORE.	INTERLOOP LIMITED	STEEL SHED OF BOLER AREA BUILDING	Jun-21	Jul-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
27	SPORTS COMPLEX AT KABIRWALA	KABIRWALA	PUNJAB SPORT BOARD	MULTI STORY BUILDING	Jun-21	Jul-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
28	NEW ACADEMY OF ENGG IRRIGATION DEPARTMENT PUNJAB	RAMKOT LAHORE.	PUNJAB IRRIGATION DEPARTMENT	MULTI STORY BUILDING	Sep-21	Oct-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
29	HOSPITAL BUILDING FOR MR. WAQAR-UL-HASSAN AT PHALIA	PHALIA, MANDI BAHAUD DIN	MR. WAQAR-UL-HASSAN	MULTI STORY BUILDING / HOSPITAL	Jun-21	Jul-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design

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					Start	Completion			
									<ul style="list-style-type: none"> • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
30	ALKHIDMAT SCHOOL FOR PECO ROAD, LAHORE	KOT LAKHPAT LAHORE.	MUHAMMAD IQBAL	MULTI STORY BUILDING	Jun-21	Jul-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
31	CANTEEN AT INTELOOP HD 3 MANGA RAIWIND ROAD LAHORE	MANGA RAIWIND LAHORE.	INTERLOOP LIMITED	MULTI STORY AND INDUSTRIAL BUILDING	Jul-21	AUGUST, 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
32	PUNJAB SCHOOL FOR MR MOBEEN SHAFAT AT JIA BAGGA LAHORE	JIA BAGGA LAHORE	MR. MUBEEN SHAFAT	MULTI SCHOOL BUILDING	Jul-21	AUGUST, 2021			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
33	GHAZALI EDUCATION TRUST MALIK GHULAM NABI CAMPUS	SHEROKAY, SHEIKHUPURA	GHAZALI EDUCATION TRUST	MULTI STORY/ SCHOOL BUILDING	Sep-21	Oct-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design

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					Start	Completion			
									<ul style="list-style-type: none"> • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
34	ETP FOR HAFIZ TENNEY AT GAJUMATTA LAHORE	GAJUMATTA LAHORE	HAFIZ TANNERY	MULTI STORY / HOSPITAL BUILDING	Sep-21	Oct-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
35	TAYYABA MASJID LAHORE	WALTON ROAD LAHORE.	AL-KHIDMAT FOUNDATION PAKISTAN	MULTI STORY AND INDUSTRIAL BUILDING	Sep-21	Oct-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
36	REHABILATION OF PUNJAB STADIUM LAHORE	PUNJAB STADIUM LAHORE	SPORTS BOARD PUNJAB	MULTI STORY / SPORTS BUILDING	Nov-21	Dec-21			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
37	LITIGANTS FACILITATION COMPLEX ISLAMABAD	ISLAMABAD		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design

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					Start	Completion			
									<ul style="list-style-type: none"> • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
38	ALKHIDMAT HOSPITAL BUILDING AT UPPER DIR	UPPER DIR		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
39	PARWAIZ ASSOCIATE CENTRAL PARK			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
40	MIAN KHALID ASSOCIATE CENTRAL PARK			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
41	REHABILITATION WORK OF PUNJAN SCHOOL			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
									<ul style="list-style-type: none"> • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
1	TAKBEER TOWER AT MCLEOD ROAD, LAHORE	LAHORE		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
2	TESTING LAB FOR UMER			MULTI STORY AND INDUSTRIAL BUILDING	July, 2012	July, 2016			<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
3	HOSPITAL FOR ALKHIDMAT FOUNDATION AT GUJRAT	GUJRAT		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
4	MPP AREA AT PHARMAGEN			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
5	AVCA BUILDING AT PHARMAGEN			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
6	CENTRAL PARK HOUSING SOCIETY MISC. PROJECTS			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
7	ETP FOR ADAM DARIES AT SAHIWAL	SAHIWAL		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
8	GRID STATION INTERLOOP			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
9	COMMERCIAL BUILDING PARK VIEW LAHORE	LAHORE		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
10	7AVCA CONSTRUCTION PHARMAGEN			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
11	GR ALUMINIUM LAHORE	LAHORE		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
12	HPC TABLE TENNIS COURTS			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of Projects/Assignments Performed in the Past 05 Years
(Annex-B)**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
13	ORPHEN HOME BHERA			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
14	FGS ON ROOF AT INTELOOP RAIWIND ROAD LAHORE	LAHORE		MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications
15	USMAN ASSOCIATE			MULTI STORY AND INDUSTRIAL BUILDING					<ul style="list-style-type: none"> • Data Collection • Design Review and Condition Survey • Survey and Investigations • Structures Design • Public health design • Electrical and Electification Design • Detailed Design and Drawings • Bidding Documents • Cost Estimates, Specifications

**General Experience by Providing the List of 05 Projects/Assignments Performed in the Past 10 Years
as per Annex-A**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
1	Feasibility Study for the Construction of 95km Irrigation Canal from Jari Outlet to Iftikharabad District Bhimber	Muzaffarabad, A.J. & K	Department of Irrigation & Small Dams Muzaffarabad, A.J. & K.	<ul style="list-style-type: none"> Assured supply of water for irrigation and drinking purposes. This will irrigate about 28000 acre area. The available water in the canal offer potential for fisheries development ; Assured supply of safe drinking water to the population of the project areas; Facilitate minimizing soil erosion; Provide direct and indirect opportunities of livelihood to the population of the area during implementation and operation of the projects 	Aug, 2014	Dec, 2016	19,000	26.99 Share 90%	<ul style="list-style-type: none"> Data Collection Design Review and Condition Survey Survey and Investigations, Canal Design Hydrological Studies Structures Design Detailed Design and Drawings Feasibility Study for Hydropower Potential Bidding Documents Cost Estimates, Specifications PC-1 Form
2	Feasibility Study for Sustainable Development of Mini Dam Command area in Pothohar Region	Potohar, Punjab	Federal Water Management Cell, Ministry of National Food Security and Research, Pakistan	<p>Around 1400 mini dams were constructed in Pothohar to conserve water for irrigation purpose. However, only around 5% command area (850 ha) developed out of 17,000 ha and mini dam's utility constrained to aquaculture. This project was involves Flood Water Management of Hill Torrents of Pothohar region through remodelling of dam design and sustainable use of stored water in command area. Out of BOX approach of three units was used consisting of one unit of dam, one unit of command are and one unit of Catchment area that yielded fruitful in terms of flood water amangement and command area development.</p>	Feb 2018	Dec 2019	3,700	22.25 Share %	<ul style="list-style-type: none"> Agriculture/Agronomic studies Water management studies Environmental Impact Assessment Studies Hill Torrents Flood Assessment HEC HMS Hydrological modelling, Estimation of Peak Flood Soil and Water studies Renewable Energy studies Economic & Financial Analysis Conducted Stakeholder consultation workshop Field visits 250 Mini dams Socio-economic Surveys Preparation of Feasibility Report
3	Design Review and Construction Supervision of 20 Dams Under "Construction of 100 Dams In Balochistan Package-III (20 Dams)" Project	Balochistan	Irrigation Department, Govt. of Balochistan	<p>Under the approved Phase-III of the Project 20 storage cum delay action dams are being constructed throughout Balochistan Province. The basic types of dams proposed comprise of concrete gravity dams, modified homogeneous and zoned earth embankment sections depending on the availability of fill material with varying configuration.</p>	April 2017	Dec 2021	8,000	220.54 Share 90%	<ul style="list-style-type: none"> Data collection, Survey work and contouring. Hydrologic Modeling Review of design of dams, spillway, outlet, intake structures, irrigation channels and command area works Cost estimate, BOQ, and Tender Documents Drawings, and profiles preparation for the different components including drains and embankments with necessary sections. Construction Supervision and Management of Contract Preparation of Construction Drawings and As-Built Drawings Cost estimate, Bill of quantities and Tender documents preparation Quality Control and Assurance Construction Supervision as "the Engineer"

**General Experience by Providing the List of 05 Projects/Assignments Performed in the Past 10 Years
as per Annex-A**

Sr. No.	Name of Project	Location	Client	Project Description	Implementation		Total Cost of Project (Rs million)	Cost of Consultancy Services provided by the Firm (Rs million)	Actual Services Provided by the Consultant
					Start	Completion			
4	Rehabilitation of Lasbela Canal System & Feasibility Study for Development of Hydropower Potential	Balochistan	Irrigation Department, Government Of Balochistan	Lasbela Canal is located within Lasbela District of Balochistan Province. The area falls under the administrative control of Lasbela District and is linked with Hub Town and Karachi City by main roads. It is approximately 530km south of Quetta; 25km North West of Karachi; extending 17km and 9 km to the NE and SW of Hub Chauki Township respectively. Lasbela Canal command area consists of a 25km belt of land, separated 1 to 2 km from the Hub River edge, running across the gently sloping mid to lower valley-bottom slopes which are moderately dissected by drainage lines.	Oct-12	June, 2013	2,426	22 Share	<ul style="list-style-type: none"> • Collection and Review of Available Data/Documentation • Condition Survey of the Canals and Structures • Topographic and Strip Surveys • Geotechnical Investigations • Hydrological Studies • Capacity of Channels • Canal Lining • Hydraulic Structures • Cross Drainage Works/Structures • Bill of Quantities and Engineer's Estimates • Bidding Document • Bidding Drawings • Development of Construction Program
5	Design Review and Construction Supervision of 26 Dams Under "Construction of 100 Dams In Balochistan Package-II (26 Dams)" Project	Balochistan, Pakistan	Construction of 100 Dams in Balochistan- Package II (26 Dams), Irrigation Department	Under the approved Phase-II of the Project 26 storage cum delay action dams are being constructed throughout Balochistan Province. The basic types of dams proposed comprise of concrete gravity dams, modified homogeneous and zoned earth embankment sections depending on the availability of fill material with varying configuration. Saj Dam, Lasbella Sang-e-Kalat Dam, Awaran Tank Kuluft Dam, Kech Romro Dam, Gawadar Nivano Dam, Panjgur Lohi Dam, Lasbella Hushtri Dam, Khuzdar Tariki Dam, Kalat Shashlok Dam, Kalat KatkiKaisar Dam, Kalat Kaluwal Dam, Noushki Dhudar Dam, JhalMagsi	Feb 2013	Dec 2015	5,945	60 Share 49%	<ul style="list-style-type: none"> • Data collection, Survey work and contouring. • Hydrologic Modeling • Review of design of dams, spillway, outlet, intake structures, irrigation channels and command area works • Cost estimate, BOQ, and Tender Documents • Drawings, and profiles preparation for the different components including drains and embankments with necessary sections. • Construction Supervision and Management of Contract • Preparation of Construction Drawings and As-Built Drawings • Cost estimate, Bill of quantities and Tender documents preparation • Quality Control and Assurance • Construction Supervision as "the Engineer"

ANNEX-3

Testimonials

CLIENT SATISFACTION IS
OUR FIRST PRIORITY



**What Our
Clients Say**



الخدمت فاؤنڈیشن لاہور
ALKHIDMAT FOUNDATION LAHORE

Alkhidmat Markaz:
106, M-Block,
Gulberg III, Lahore

T: +92-42-3544 1516
M: +92-300-077 1601
admin@akfl.org
www.akfl.org

Ref: Admin/AKFL-24/1023

Date: 06-11-24

TO WHOM IT MAY CONCERN

This is to certify that "M/s Hike Engineering Consultants" has successfully provided the following services for the construction project of **Jamia Masjid Attiq-ur-Rehman**, located in H Block Central Park Housing Society, Ferozpur Road, Lahore:

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Comprehensive Residential Supervision, which includes the verification of both interim and final contractor bills.

The project encompasses a multilevel hostel building, with the total covered area exceeding 11,500 square feet spread over Two (02) floors. Additionally, the building incorporates auxiliary elements such as a road network and drainage system etc. The construction cost of the mentioned project surpasses **PKR 50 Million**.

We express our satisfaction with the services rendered by M/s Hike Engineering Consultants.

Sincerely,

Mughees Qureshi
Executive Director
Alkhidmat Foundation Lahore

Donations Exempted From Income Tax

Registered NGO under the Societies Registration Act, 1860 RP/4243/L/S/90 dated 20/12/1990



الخدمات فاؤنڈیشن لاہور
ALKHIDMAT FOUNDATION LAHORE

Alkhidmat Markaz | T +92-42-3544 1516 | admin@akfl.org
106, M-Block, | M +92-300 077 1601 | www.akfl.org
Gulberg III, Lahore

Ref: Admin/AKPL-24/1024

Date: 06-4-24

TO WHOM IT MAY CONCERN

It is to certify that "M/s Hike Engineering Consultants" has successfully provided the following services for the construction of **Alkhidmat Orphan Home /Old Home** at H Block Central Park Housing Society, Ferozpur Road, Lahore:

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Comprehensive Residential Supervision, which includes the verification of both - interim and final contractor bills.

The project encompasses a multilevel hostel building, with the total covered area exceeding 35,500 square feet spread over three (03) floors. Additionally, the building incorporates auxiliary elements such as a road network and drainage system etc. The construction cost of the mentioned project surpasses **PKR 50 Million**.

We express our satisfaction with the services rendered by M/s Hike Engineering Consultants

Sincerely,

Mughees Qureshi
Executive Director
Alkhidmat Foundation Lahore

Donations Exempted From Income Tax

Registered NGO under the Societies Registration Act, 1860 RP/4243/L/S/90 dated 20/12/1990



الخدمت فاؤنڈیشن لاہور
ALKHIDMAT FOUNDATION LAHORE

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106, M-Block, M: +92-300.077 1601 | www.akfl.org
Gulberg III, Lahore

Ref: Admission / AKPL-241024

Date: 06-4-24

TO WHOM IT MAY CONCERN

It is to certify that "M/s Hike Engineering Consultants" has successfully provided the following services for the construction of **Alkhidmat Orphan Home /Old Home** at H Block Central Park Housing Society, Ferozepur Road, Lahore:

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Comprehensive Residential Supervision, which includes the verification of both - interim and final contractor bills.

The project encompasses a multilevel hostel building, with the total covered area exceeding 35,500 square feet spread over three (03) floors. Additionally, the building incorporates auxiliary elements such as a road network and drainage system etc. The construction cost of the mentioned project surpasses **PKR 50 Million**.

We express our satisfaction with the services rendered by M/s Hike Engineering Consultants

Sincerely,

Mughees Qureshi
Executive Director
Alkhidmat Foundation Lahore

Donations Exempted From Income Tax

Registered NGO under the Societies Registration Act, 1860 RP/4243/L/S/90 dated 20/12/1990



الخدمت فاؤنڈیشن پاکستان
ALKHIDMAT FOUNDATION PAKISTAN

Alkhidmat Complex
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T: +92 42 3522 8924
T: +92 42 3595 7240
F: +92 42 3595 7241
info@alkhidmat.org
www.alkhidmat.org

Ref: _____

Date: 15-11-2022

It is certified that M/S Hike Engineering Consultants have provided their services for the Structural, MEP, Fire, and Infrastructural Design. Along with that the construction supervision was included in their scope of work. We are pleased with their services.

Alkhidmat Foundation, Pakistan							
Sr.#	Project ID	Project Description	Plot Size (Kanal)	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)	Status
1	1761	Aghosh Alkhidmat Bhera (Fatima Zahra campus) Boys Hostel at Bhalwai Road.	10		3	38,452	Completed
2	1749	Alkhidmat Hameeda Mumtaz Hospital at Upper Dir kumrat road Chakyatan.	1.15		3	16,180	Completed
3	1684-137	Aghosh Alkhidmat DI Khan near Gomal university.	10	53,075	5	56,502	Completed
4	1677	Alkhidmat Afzal Nawaz Hospital Gujrat near chur chak village.	9	55,245	2	20,447	Completed
5	1665	Aghosh Alkhidmat Gilgit Boys Hostel at Konodas Gilgit near Gulsher Colony.	15		4	34,217	Completed
6	1611	Learning Resource Centre for Aghosh Alkhidmat Murree at Murree Expressway.	54	242,646	5	18,155	Completed
7	1440	Alkhidmat Charity Australia Hospital at Hamidpur southern bypass road Multan.		139,474	5	87,683	Completed
8	1471	Aghosh Alkhidmat Sheikhpura at 13km Sharaqpur Road, Sheikhpura.	132				Completed
"	A	Girls Hostel			3	74,556	
"	B	High School			3	62,144	
"	C	Masjid			1	3,202	
"	D	Total				139,902	
9	1292	Alkhidmat Foundation Complex at 3km Khayaban-e-Jinnah Road, Lahore.		27,743	3	39,236	Completed
10	1769	Alkhidmat Jamia Darul Uloom, Multan.			7	41,978	In Progress
11	1768	Alkhidmat Hospital Vehari.	03		3	34,436	In Progress

Khubaib Bilal
Executive Director
Alkhidmat Foundation Pakistan

Donations Exempted From Income Tax

TO WHOM IT MAY CONCERN

It is certified that M/s Hike Engineering has provided us Structural design services for our residential and commercial projects at Central Park Housing Scheme, Ferozpur Road, Lahore.

The structural design services are satisfactory and the list of the projects is herein enclosed from Annexure 1 to 5.


17/11/2022
Abdul Mansoor
Head of Architecture & Planning

**SI. Manager Architecture
& Planning
Urban Developers**



IT Tower, Urban Developers, Executive Floor,
Management Office 73-E/L Gulberg III,
Hali Road, Lahore, Pakistan
UAN: (042) 111 109 111

Central Park office
Block G, 31 KM, Main Ferozpur
Road Lahore, Pakistan
UAN: (042) 111 109 109



Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
1	Res for Mrs. Farwa Bukhari, Plot # 1113-C	20'x45'	900	3	2,208
2	Jamia Masjid, J-Block.		4752	3	4,186
3	Res for Mrs. Ume Kalsoom, Plot # 970-D	35'x65'	2275	3	5,028
4	Res for Mrs. Gazala Naveed, Plot # 931-F	35'x70'	2450	3	3,151
5	Res for Mr Hussnain Ali Shah, Plot # 226-B	50'x90'	4500	4	5,626
6	Res for Mr. Syed Tanveer Hussain Naqvi, Plot # 0345-A	50'x90'	4500	3	5,038
7	Res for Mrs. Aisha Ishaq, Plot # 1052-G	50'x90'	4500	3	4,536
8	Res for Mr. Khalid Iftikhar ul Haq, Plot # 1211-C	17.5'x45'	787.5	3	1,402
9	Res for Mr. Khadim Hussain, Plot # 535-B	20'x45'	900	3	1,634
10	Res for Mrs. Shazia Parveen, Plot # 415-B	50'x90'	4500	2	4,569
11	Res for Mr. Hafiz Muhammad Sahbash Khan, Plot # 116-A1	25'x45'	1125	4	2,740
12	Res for Mrs. Sumera Abid, Plot # 55-C	50'x90'	4500	3	5,309
13	RES FOR MR.TARIQ MAHMOOD KUNDI 0579-F	35'x65'	2275	3	3,047
14	RES FOR Mrs. SOBIA MANSOOR AKBAR 0107-C	50'x90'	4500	3	5,362
15	RES FOR Mr RASHID JALAL-370-D	35'x65'	2275	3	3,047
16	RES FOR MISS ADEELA AMANAT -0478-E	25'x45'	1125	3	3,187



IT Tower, Urban Developers, Executive Floor,
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Central Park office
Block O, 31KM, Main Ferozpur
Road, Lahore, Pakistan
UAN: (042) 311 109 109





Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
17	RES FOR Mr IMRAN ALI -1317-A1	25'x45'	1125	3	2,086
18	RES FOR Mr.ASHAQ ALI BHATTI-0419,A	50'x90'	4500	3	5,144
19	MASJID AT C BLOCK		3431	2	3582
20	CAR PARKING SHED	52'- 6"X66'		1	3,465
21	COMM BUILDING AT PLOT 10/11 D, AREA: 20259 SFT, RATE: 7/-	60'x60'	3600	7	24,948
22	RES FOR MR. MUHAMMAD NAWAZ AT PLOT # 13311-C	17.5'x45'	787.5	3	1,861
23	RES FOR Mrs. FAZEELA SARFRAZ AT PLOT # 0047, C	50'x90'	4500	3	5,206
24	RES FOR Mr. SHAKEEB ABRAR PLOT NO 0453, E	25'x45'	1125	3	2,167
25	RES FOR Mr. MUHAMMAD UMMAR FAROOQ MALIK PLOT NO 626, G	35'x65'	2275	3	3,152
26	RES FOR Mr. MUHAMMAD SULTAN FAREED AT PLOT # 0583-E,	25'x45'	1125	3	1,928
27	RES FOR Mrs. RIFFAT RASHID CH. AT PLOT # 0645, BLOCKA,	35'x65'	2275	3	3,046
28	COMM BUILDING AT PLOT 42-B	30'x60'	1800	5	8,640
29	RES FOR Mrs. RUBINA JAVAD AT PLOT # 1032, BLOCKD	35'x65'	2275	4	5,030
30	RES FOR Mr. MUHAMMAD ASHFAQ BHATTI AT PLOT # 0111, BLOCKC,	50'x90'	4500	3	5,331
31	RES FOR Mrs. AMMARA IJAZ AT PLOT # 0140, BLOCKA,	50'x90'	4500	3	5,226
32	RES FOR Mr. GHULAM BARI AT PLOT # 0238-E	25'x45'	1125	4	2,491
33	COMMERCIAL BULDING AT PLOT NO 0051-B	30'x60'	1800	7	9,329
34	COMMERCIAL BULDING AT PLOT NO 0096-1-B	23'x40'	920	4	3,675



IT Tower, Urban Developers, Executive Floor,
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Road Lahore, Pakistan
UAN (042) 111 109 109





Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
35	RES FOR DUPLEX TOWN HOUSE	50'x45'	2250	4	5,092
36	RES FOR Mr. ISRAR AHMAD AT PLOT # 0327-A1	25'x45'	1125	4	2,491
37	COMMERCIAL BUILDING FOR MR. KHALID AT PLOT 12-B.	30'x60'	1800	3	5,400
38	DUPLEXHOUSES AT PLOT NO. 640-641	50'x45'	2250	4	5,092
39	COMMERCIAL BULDING AT PLOT NO 239	30'x60'	1800	7	8,647
40	RES, FOR MR.AMIR ALI KHAN AT PLOT NO. 1121 BLOCK C	25'x45'	1125	3	1,901
41	RES. FOR Mr.MUHAMMAD FARHAN AT PLOT NO. 0099,BLOCK AA	25'x45'	1125	3	2,103
42	RES, FOR MR.MUHAMMAD ASIF AT PLOT NO.0417 BLOCK A	50'x90'	4500	3	5,252
43	RES, FOR MR.MUHAMMAD ARIF HUSSAIN AT PLOT NO. 74 BLOCK B	50'x90'	4500	3	5,363
44	RES, FOR MR. MUNEEB SHAHID AT PLOT NO. 0075 BLOCK A1	25'x45'	1125	2	2,027
45	RES, FOR MR.TARIQ AKRAM AT PLOT NO. 0127 BLOCK E	25'x45'	1125	3	1,861
46	RES FOR PLOT NO. 0052	25'x45'	1125	4	3,025
47	RES FOR Mr. MUHAMMAD EJAZ AT PLOT # 0650-E,	25'x45'	1125	3	2,380
48	RES FOR Mr. KHADIM HUSSAIN 0063 BLOCKA1	25'x45'	1125	4	2,813
49	RES FOR Mr. MUHAMMAD IMRAN KHAN AT PLOT # 0052-1-A1,	25'x45'	1125	3	1,909
50	RES FOR Mr. MUHAMMAD BILAL AT PLOT # 0005-A1	25'x45'	1125	4	2,815
51	RES FOR Mr. MUHAMMAD YASIR RIZWAN ARSHAD PLOT # 0117-E	25'x45'	1125	3	2,377
52	RES FOR Mr.MUHAMMAD SALEEM PLOT # 0455-A1	25'x45'	1125	4	2,815



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Management Office, 73-E/1, Gulberg III,
Hali Road, Lahore, Pakistan
UAN: (042) 111 109 111

Central Park office
Block G, 31KM, Main Ferozpur
Road Lahore, Pakistan
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www.urbandevelopersgroup.com



**URBAN
DEVELOPERS**
Chartered Town Planners

Page 4

Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
53	RES FOR Mr.SHAHBAZ AHMAD PLOT # 0678-C	35'x65'	2275	3	3,117
54	MOSQUE AT R.A BAZAR, POLICE STATION,LAHORE		2299	1	2,299
55	RES FOR MRS. RAZIA PARVEEN PLOT # 0038-AA	25'x45'	1125	3	2,059
56	RES FOR Mr. ZEESHAN-UL-HAQ PLOT # 1199-C	20'x45'	900	3	1,614
57	RES FOR MR.SHABIR AHMAD PLOT # 0793-C	35'x65'	2275	4	3,702
58	RES FOR Mrs. QUDSIA NAFEEES PLOT # 0180-E	25'x45'	1125	4	2,815
59	FOR RES MR. HASNAT AHMED PLOT # 0012-AA	25'x45'	1125	3	2,146
60	RES Mr. MUHAMMAD ASGHAR PLOT # 0274-E	25'x45'	1125	3	1,943
61	FOR RES Mr. TAUSEEF AHMAD PLOT # 0509-E	25'x45'	1125	2	1,276
62	FOR RES Mrs. ZOYA NAVEED PLOT # 1296-C	20'x45'	900	4	2,015
63	RES Mr. ZEESHAN AHMAD PLOT # 0934-D	35'x65'	2275	3	3,025
64	RES Mr. ATTA UR REHMAN TAHIR PLOT # 0081-D	35'x65'	2275	3	3,005
65	RES Mr. ZIA UR REHMAN PLOT # 0760-E	25'x45'	1125	3	1,897
66	FOR RES Mr. AMEER ALI PLOT # 0062-AA	25'x45'	1125	3	1,955
67	FOR RES Mr. ARSLAN KHALID PLOT # 0301-A1	25'x45'	1125	3	1,892
68	FOR RES Mr. EISSA PLOT # 0769-E	25'x45'	1125	4	2,748
69	COMM FOR MR.MUHAMMAD ASLAM AT PLOT 0086-A	30'x40'	1200	6	5,409
70	RES FOR Mr. KABIR HUSSAIN BHATTI PLOT # 0208-B	50'x90'	4500	3	1,199



IT Tower, Urban Developers, Executive Floor
Management Office, Y3-E/1, Gulberg III,
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Road Lahore, Pakistan
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www.urbandevelopersgroup.com

email: mass_consultants@yahoo.com

Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
71	RES FOR Mr. SYAD ZAWAR HASNAIN PLOT # 0460-A1	25'x45'	1125	3	2,288
72	RES FOR Mr. SAEED AHMAD PLOT # 0462-A1	25'x45'	1125	4	3,199
73	RES FOR Mr. SARFRAZ AHMAD PLOT # 0789-C	35'x65'	2275	3	3,252
74	RES FOR MR. KHURRAM RASHID PLOT # 1282-C	20'x45'	900	3	1,404
75	RES FOR Mr. KAMRAN SHAHZAD PLOT # 0003-C	50'x90'	4500	3	5,233
76	RES FOR Mr. HASEEB SHAMAS PLOT #0307-A1	20'x45'	900	4	2,075
77	RES FOR Mr. HASEEB SHAMAS PLOT #0307-1-A1	20'x45'	900	4	2,075





To Whom It May Concern

This is to certify that M/s Hike Engineering Consultants has effectively delivered the following services for the construction project of the Multistoried Medicare Building “Central Park Medical College and Teaching Hospital” at Central Park Housing Society on Ferozepur Road, Lahore:

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Infrastructure Development (Road Network and Drainage System)
- Comprehensive Residential Supervision of all the above elements, including verification of both interim and final contractor bills.

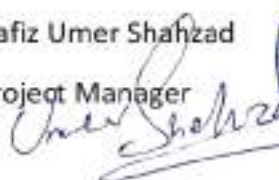
The project comprises a Teaching Hospital, Medical College, Auditorium, Cafeteria, Doctor Hostels, Nurses and Supporting Hostels, and other buildings integrated with auxiliary elements such as a road network, sewerage, and storm water drainage system. The covered area of the aforementioned components exceeds 376,275 square feet, and the plot area for this medical complex is over 685,000 square feet. The total construction cost of this project exceeds 2822 million.

We express our satisfaction with the services provided by M/s Hike Engineering Consultants.

Regards

Hafiz Umer Shahzad

Project Manager




IT Tower, Urban Developers, Executive Floors
Management Office, 73-E/1, Gulberg III,
Hall Road, Lahore, Pakistan
UAN: (042) 111 109 109

Central Park office
Block C, 31 KM, Main Ferozepur
Road Lahore, Pakistan
UAN: (042) 111 109 109





To Whom It May Concern

Certificated that M/s Hike Engineering Consultants has effectively provided the following services for the construction project of 17 Storied Medicare Building for Chughtai Healthcare at 7-Jail Road Main Gulberg

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Infrastructure Development (Road Network and Drainage System).
- Comprehensive Residential Supervision of all above elements, which also includes the verification of both interim and final contractor bills.

The project encompasses a 17 Storied (3 Basements and 14 Stories above ground) Commercial Building with a combined covered area across its all floors exceeding 125,494 square feet and plot area is more than 18,000 SFT. Additionally, the building integrates auxiliary elements such as a road network and drainage system, among others. The total construction cost of this project exceeds 904 million.

We express our satisfaction with the services provided by M/s Hike Engineering Consultants.

Regards

Hafiz Umer Shahzad
Project Director




IT Tower, Urban Developers, Executive Floors
Management Office, 73-E/1, Gulberg III,
Hall Road, Lahore, Pakistan
UAN: (042) 111 109 109

Central Park office
Block C, 31 KM, Main Ferozpur
Road Lahore, Pakistan
UAN: (042) 111 109 109





To Whom It May Concern

Certificated that M/s Hike Engineering Consultants has effectively provided the following services for the construction project of single storied cash & carry complex "Huma Cash & Carry" at Central Park Housing Society, Ferozpur Road, Lahore.

- Structural Engineering Design
- Public Health Engineering Design
- Electrical Engineering Design
- Infrastructure Development (Road Network and Drainage System).
- Comprehensive Residential Supervision of all above elements, which also includes the verification of both interim and final contractor bills.

The project encompasses single story commercial Building with a PEB structural steel framing system, total covered area is more than 69,122 square feet and plot area is more than 137,000 SFT. Additionally, the building integrates auxiliary elements such as a road network and drainage system, among others. The total construction cost of this project exceeds 291 million.

We express our satisfaction with the services provided by M/s Hike Engineering Consultants.

Regards,

Wasif Amjad

Project Director






OFFICE OF THE EXECUTIVE ENGINEER
LAHORE DIVISION C.B.D.C.LAHORE.
OPPOSITE ROYAL PALM GOLF CLUB
CANAL BANK DHARAMPURA LAHORE
Phone # 042/99250194 & Fax # 042/99250263
No 1722/1-A dt. 17.12.22

TO WHOM IT MAY CONCERN

It is certified that M/s hike Engineering Consultants working as short term consultancy for the work "Construction of New Campus of Government Engineering Academy Punjab (GEAP) Lahore". During the course of execution of the said work the quality of work / performance and behavior of the firm is satisfactory. The firm is technically source full capable to handing the challenging works.

115009w
17/12/22
Sub-Divisional Officer
Bata Pur Sub Division
LAHORE.

Rk

associates architects, engineers & planners

Dated: 17-09-23

Our Reference: RKA/506/23

To Whom It May Concern

Certified that M/s Hike Engineering Consultants has successfully provided Engineering Design services for the "Litigants Facilitation Center for Litigants and Lawyers at G 10/1 adjacent Old Islamabad High Court Building Islamabad" on our behalf.

The project encompasses 11 Storied Building, with the total covered area of its floors exceeding 1,219,688 square feet. Additionally, the building incorporates auxiliary elements such as a road network and drainage system etc.

We express our satisfaction with the services rendered by M/s Hike Engineering Consultants.

Regards and thank you



Syed Tajammal Rizvi

(CEO/ Principal Architect)

TO WHOM IT MAY CONCERN

COMPLETION CERTIFICATE

We certify that Engineering Design of the projects as mention in the attached list has been carried out by M/s Hike Engineering Consultants,, we are satisfy with their performance in design and drawing work with in-time completion.

MASS CONSULTANTS
~~ARCHITECT-ENGINEER~~
WALTON ROAD, LAHORE

Afshan Riaz

Principal Architect

Mass Consultants

Date: 17-11-2022

List of Completed Project

Sr	Id	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
1	1670	Multi-Storied Apartment Building for Mr Azam & Mr Farieed at 38-Tariq-Block, New Garden Town, Lahore	83'X123'	10159	14	75,708
2	1640	Agriculture Warehouse at Khasra # 467/1 456/ 467/2 Moza Nain Sukh Tehsil City Zilah Lahore.	95'X150'	18810	3	27,244
3	1624	Commercial Building owned by Mr. Nazar Makhdoom Rajput at 336, G-3, Johar Town Lahore.		4544	5	13,126
4	1616	Plaza for Mst. Rafia Nawaz at 17 Civic Center Lahore		2333	5	15,748
5	1586	Commercial Building For Mr. Ahsan Shamim At Plot No. 183, Air Lines Housing, Scheme Lahore.	34'X65'		6+MUMTY	41,920
6	1586	Commercial Building For Mr. Ahsan Shamim At Plot No. 183, Air Lines Housing, Scheme Lahore.	34'X65'	2251	6+MUMTY	10,204
7	1576	Commercial Building for Sheranwala Group at plot # 111 Wapda Town, Lhr.		4410	2+MUMTY	5,777
8	1575	PLAZA FOR Mr BABAR RASHEED & RIAZ AHMAD AT PLOT # 605-H3 JOHAR TOWN, LHR	40'X113'	4524	5	13,607
9	1571	COMMERCIAL BUILDING FOR MIAN ASHRAF ALI AT PLOT # 21-P, JOHAR TOWN, Lhr	40'X115'		5	9,854
10	1564	Marquee For Mian Muhammad Tahir at Mouza Kanjran Lahore.		41250	1	2,996
11	1525	Const of different units for Zamin City Housing Society, Ferozpur Road, Lhr MASJID		18062	3	24,966
12	1521	Cardic Hospital at Plot 67 Trade Center, Johar Town Lahore	169'X161'	27000	9	186,446
13	1498	CENTRAL PARK UNIVERSITY, LAHORE				184,976
14	1459	Central Park Medical Collage, Lahore.		1693	4	72,276

MEDITATIVE ARCHITECTURAL SERVICES

FIRST FLOOR BUSINESS ARCADE WALTON ROAD LAHORE CANTT.
TEL 042-6662930 FAX: 6688425 Email : mass_consultants@yahoo.com


MASS CONSULTANTS
Architect Engineer
Walton Road Lahore.

Date: 17-11-2022

List of Completed Project

Sr	Id	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
15	1458	Different Units for Queen Medical College, Ferozpur Road, Lahore including Medical College, Boys/Girls	295'X154'		5	113,910
16	1454	Concept Lab for VI Sigma at Raiwind Road, Lahore.	240'X182'		4	52,162
17	1429	Naveed Plaza at Johar Town, Lahore		19169	3	38,512
18	1420	Shah Jamal Plaza		22171	7+MUM TY	25,872
19	1403	Construction of Bright Day Trust School, Lahore	183'X240'	43920	3+MUM TY	53,455
20	1399	New Head Office Building for VI Sigma at Raiwind Road, Lahore.		11674	3+MUM TY	35,188
21	1390	Different Units for CMH Medical Complex CMH Kharian including Medical College, Boys/Girls Hostels, Cafeteria etc.				146,541
22	1376	Plaza for Zafar Catering at Kareem Block, Iqbal Town, Lahore.				5,566
23	1366	Naveed Plaza, Johar Town, Lahore				81,903
24	1344	Zarrina Academy at G-14 Islamabad				26,466
25	1330	Sheranwala Apartment, Izmir Town, Canal Road, Lahore				1,562,390
26	1322	Mr. Imran Salah ud Din, Johar Town, Lahore.				37,238
27	1390	Different Units for CMH Medical Complex CMH Multan including Medical College, Boys/Girls Hostels, Cafeteria etc.				62,290
28	1300	Plaza at Plot # A-3/12, A-3/13, Valancia, Lahore				82,390



MASS CONSULTANTS

ARCHITECTS, ENGINEER & INDUSTRIAL PROJECT CONSULTANTS

Ref: _____

Date: 17-11-2022

List of Completed Project

Sr	Id	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)
29	1252	Event Complex, Islamabad.				19,235
30	1246	Plaza building at Plot # 419,420 PIA Road, Lahore				13,864
31	1242	SKS Mall, Lahore				177,840


MASS CONSULTANTS
ARCHITECT ENGINEER
WALTON ROAD, LAHORE.

MEDITATIVE ARCHITECTURAL SERVICES

FIRST FLOOR BUSINESS ARCADE WALTON ROAD LAHORE CANTT.
TEL 042-6662930 FAX: 6688425 Email : mass_consultants@yahoo.com



PHARMAGEN LIMITED

Factory: Kot Nabi Bukshwala, 34 K.M.
Ferozepur Road, Lahore - Pakistan.
Tel: (+92-42) 35935261-66
Fax: (+92-42) 35935269
E-mail: pblbd@hotmail.com
Web: www.pharmagen.com.pk

Striving To Serve Humanity

To Whom It May Concern

Certified that M/s Hike Engineering Consultants has performed the following services for our project New Construction/Extension of Plant Building of 7-AVCA Including Tank Yard and Utility Area for Pharmagen Limited at 34-Km Ferozepur Road, Lahore.

- Architectural Design.
- Structure Engineering Design.
- Public Health Engineering Design
- Electrical Engineering Design.
- Detailed Residential Supervision, including checking the interim and final bills of contractors.

It is multilevel industrial structural building including ancillary components like tank yard, road network, drainage system etc. The construction cost of said project is more than 110 million.

We are satisfied with the services performed by M/s Hike Engineering Consultants.

Sincerely,

Muhammad Hashim
General Manager
Pharmagen Ltd,

HEAD OFFICE:

5-A, Zafar Ali Road, Gulberg V, Lahore. 54660 - Pakistan. Tel: +92 (042)35761434 -35751093
Fax: +92 (042)35750926,35754972 UAN: (042) 111-111-305 Email: pblpk@brain.net.pk
ISO 9001 : 2015, ISO 14001 : 2015, 45001 : 2018 & ISO 17025 : 2017



Striving To Serve Humanity

PHARMAGEN LIMITED

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Ferozepur Road, Lahore - Pakistan.
Tel: (+92-42) 35935261-66
Fax: (+92-42) 35935269
E-mail: pblbd@hotmail.com
Web: www.pharmagen.com.pk

To Whom It May Concern

Certified that M/s Hike Engineering Consultants has performed the following services for our project New Construction/Extension of Plant Building of MPP (Multipurpose Plant) Including Tank Yard and Utility Area for Pharmagen Limited at 34-Km Ferozepur Road, Lahore.

- Architectural Design.
- Structure Engineering Design.
- Public Health Engineering Design
- Electrical Engineering Design.
- Detailed Residential Supervision, including checking the interim and final bills of contractors.

It is multilevel industrial structural building including ancillary components like tank yard, road network, drainage system etc. The construction cost of said project is more than 230 million.

We are satisfied with the services performed by M/s Hike Engineering Consultants.

Sincerely,

Muhammad Hashim
General Manager
Pharmagen Ltd,

HEAD OFFICE:

5-A, Zafar Ali Road, Gulberg V, Lahore. 54660 - Pakistan. Tel: +92 (042)35761434 -35751093
Fax: +92 (042)35750926,35754972 UAN: (042) 111-111-305 Email: pbipk@brain.net.pk
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Web: www.pharmagen.com.pk

Striving To Serve Humanity

To Whom It May Concern

Certified that M/s Hike Engineering Consultants has performed the following services for our project New Construction/Extension of Plant Building of 7-AVCA Including Tank Yard and Utility Area for Pharmagen Limited at 34-Km Ferozepur Road, Lahore.

- Architectural Design.
- Structure Engineering Design.
- Public Health Engineering Design
- Electrical Engineering Design.
- Detailed Residential Supervision, including checking the interim and final bills of contractors.

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Sincerely,

Muhammad Hashim
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To Whom It May Concern

Certified that M/s Hike Engineering Consultants has performed the following services for our project New Construction/Extension of Plant Building of MPP (Multipurpose Plant) Including Tank Yard and Utility Area for Pharmagen Limited at 34-Km Ferozepur Road, Lahore.

- Architectural Design.
- Structure Engineering Design.
- Public Health Engineering Design
- Electrical Engineering Design.
- Detailed Residential Supervision, including checking the interim and final bills of contractors.

It is multilevel industrial structural building including ancillary components like tank yard, road network, drainage system etc. The construction cost of said project is more than 230 million.

We are satisfied with the services performed by M/s Hike Engineering Consultants.

Sincerely,

Muhammad Hashim
General Manager
Pharmagen Ltd,

HEAD OFFICE:


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Fax: +92 (042)35750926,35754972 UAN: (042) 111-111-305 Email: pbipk@brain.net.pk
ISO 9001 : 2015, ISO 14001 : 2015, 45001 : 2018 & ISO 17025 : 2017



Ref. No: TPS-KJ-Admin
Date: 15-11-2022

We certified that M/s Hike Engineering Consultants have provided Engineering Design services, encompassing Structural Design, MEP & Firefighting Design, as well as Infrastructure Design, along with thorough Residential Construction Supervision for our following projects. We are pleased with the services delivered by M/s Hike Engineering Consultants.

Sr	Project Description	Plot Size	Plot Area (SFT)	No of Stories	Total Covered Area (SFT)	Remarks
1	The Punjab School System, Wapda Town Campus, Lahore.		123,061			Completed
	A Admin Block			4	10,569	
	B Pre-School			5	34,553	
	C Girls Block			5	43,436	
	D Boys Block			3	63,983	
	E Waiting Area & Guard Room			1	1,326	
	F Total				153,867	
2	The Punjab School System, Khayaban-e-Jannah, Campus, Lahore.		234,200			In-Hand
	A Pre-School			4	57,992	
	B Admin Block			4	10,023	
	C Girls Block/Wing			4	47,912	
	D Boys Block/Wing			4	49,188	
	E Junior Block/Wing			4	55,280	
	F Teaching Staff			4	46,538	
	G Squash Court			2	3,295	
	H Swimming Pool			1	15,346	
	I Supporting Staff Residences			4	7,500	
	J Total				293,074	


Majid Ikram Mian

Project Director
The Punjab School

It is certified that Structural Design of Takbeer Tower a Multi Storey Commercial Building comprising of two level basements, Lower Ground, Ground plus Eight Storeys has been done by M/S HIKE ENGINEERING CONSULTANTS. The building is located on Mcleod Road Lahore and covered area is about 185000 sft.

1-Chief Coordinator Sheikh Farooq Ahmed

Chief Engineer(retd)

2-Architectural Design by TECH ZONE ENGINEERING CONSULTANTS.

3- Structural Design by HIKE ENGINEERING CONSULTANTS

4-Electrical Design by WATTS ENGINEERING SERVICES

5-Plumbing Design by SOHAIL AHMED ASSOCIATES.

Managing Director

