
Muhammad Mahaz (Civil Engineer)

Visa Status: UAE Visit visa

Visa validity: 13th March 2017

Total Experience: 6 Years and 6 Months

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OBJECTIVE & PROFILE: A dynamic, achievement-oriented Engineering Professional is seeking a position in your company to fully utilize his experience and education in Civil Works, Design, Supervision, Site Surveys and Construction Management.

EDUCATION & CERTIFICATION:

- **B-Tech Hons (Civil Engineering) (July 2014 - June 2016)**
{UAE Embassy Pakistan Attested}
Preston University, Islamabad, Pakistan
CGPA: 3.1 out of 4
- **B-Tech Pass (Civil Engineering) (March 2012 - February 2014)**
Preston University, Islamabad, Pakistan
CGPA: 2.9 out of 4
- **DAE (Civil-Engineering) (2007-2010)**
Construction Technology Training Institute, Islamabad
(Board: Punjab Board of Technical Education Lahore)
Percentage: 72.7%
- **Matriculation in Science (2005-2007)**
(Board: Board of Intermediate and Secondary Education Mardan)
Percentage: 79.5%

WHAT MAKES ME ELIGIBLE FOR THE JOB?

I am qualified in all Main Civil Engineering Tasks, like

- Building Construction(Plain and Reinforced Concrete structures)
- Supervision of any scale of construction work Bridges(Pile and Raft foundation, Girders, Transoms, Deck Slab), Highway (flexible or Rigid)
- Concrete Mix Design , Concrete Strength Analysis, Lab Tests
- Flexible and Rigid Pavement Design, Asphalt Concrete Mix Design, Lab Tests.
- Geo-Metric Design
- Operation of Auto Level machines and Total Stations
- Shop Drawings preparation
- Submittals Approval
- Construction management
- Pre- Qualification of Contractors
- BOQ'S, Rate Analysis

PROJECTS HANDLED

- Building Construction Ground+2 Storeys in Baluchistan (Project cost 888 Million PKR)
- Infrastructure development of sector including roads, buildings, sewerage, water supply, underground tanks, Grey water tanks and irrigation tanks (Project cost 5932 Million PKR)
- Construction of N-55 Indus Highway Project including 198 km Road, 22x Bridges, 379x Box culverts, 149x Pipe culverts and Retaining walls (Project cost 14176 Millions PKR)
- Construction and renovation of office and residential buildings for consultant and Project staff (Project cost 253 Million PKR)

COMPUTER SKILLS

- Proficiency in Using all Window Operating Systems, E-Tabs, MS Office Professional,
- Auto CAD, Primavera P6, MS project, Smart draw.

OTHER SKILLS

- Communication skills
- Leadership qualities
- Creativity
- Critical thinking
- Motivating people
- Convincing power
- Team worker
- Flexibility
- Good Relation Building and Influencing Skills

WORK HISTORY & EXPERIENCE:

15th July 2016- Present

FRONTIER WORKS ORGANIZATION (790 SECTOR HQ) AS Assistant Manager

- Working on frame structure building projects including Raft foundation and Individual footings foundation for Ground+2 storey structure.
- The project includes construction of 2x300 Men Barracks, construction of 2x Mess Buildings, construction of 6x E-type flats (3x Blocks) and construction of RCC and Block masonry security wall (16000 Rft)
- Monitoring and supervising all construction activities according to specification and drawings.
- Evaluation of required construction materials and ensuring timely procurement.
- Planning and scheduling of activities monthly wise and ensuring its execution.
- Preparing weekly and monthly progress report.

27th October 2014- 14th July 2016

FRONTIER WORKS ORGANIZATION (790 SECTOR HQ) AS Assistant Manager

- Worked on Infrastructure Development project in DHA City Karachi (Phase-9) with Osmania & Co Pvt Ltd as Consultant.
- Supervising and monitoring of Highway Work (Embankment, Sub base, Aggregate base coarse, Asphaltic Base Course and Wearing Course)
- Submittals of materials and its approval from Consultant.
- Supervising Structure work (RCC Drain, Plum drain, Sewerage and water supply)
- Inspection of sewerage and water supply line test.
- Coordination with lab technician for proper testing of road embankment, sub grade, sub base and aggregate base coarse compaction tests.
- Supervising 4x Nos of bridges including Raft foundation and Tubular Girders (60 Nos).
- Supervising 3x Underground water tanks each having capacity of 0.5 Million Gallons with all accessories like Pipes, valves, generators, and pumps.
- Supervising 3x Irrigation tanks with complete pumping and drip irrigation system.
- Attend monthly progress meeting with consultant.
- Daily Progress Report
- Verification of Bills of Sub contractors
- Preparing Shop drawings of various Structures and its approval.
- Preparing estimates of different structural material and processing its demand to procurement department.

27th November 2010- 26th October 2014

FRONTIER WORKS ORGANIZATION (755 CONST TEAM ENGR) AS Site Engineer:

- Worked on N-55 Indus Highway project (Sehwan- Ratodero Road) Section-1 with Nippon Koei Co Ltd International as Consultants.
- Planning & scheduling of work execution on Road (Length 67 km) including 5 x Bridges, 75 x Box Culverts, 44 x Pipe Culverts.

- Getting approvals from consultant for the executed work through inspection request.
- Attend site meetings and conduct inspection, report regularly on progress and monitor weekly and monthly schedule.
- Ensuring that works are carried out according to the planned program & approved method statement
- Planning and co-ordinate with the purchase department for the timely procurement of the material.
- To coordinate with Safety for proper execution of works and resolve daily HSE issues as well.
- To check and maintain record of all the asphalt coming its temperature and placement
- Preparation of Shop Drawings of Culverts and their approval from Consultant.
- Bar Bending Schedule of all RCC structures and their approval from Consultant.
- Pile Load Test of 5 x bridges
- Preparation of coffer dam for Piling in fast moving water river and installation of Permanent steel casing by Percussion method.
- Drilling of Piles (194 No's) in dry and wet areas and its Concreting.
- Inspection, Concrete Casting, Stressing and Launching of I-Shaped Girders (75 Nos)
- Deck slab Concrete on River bridges and Railway flyover
- 4 Cell RCC Box Culvert (48 meter Length and 16 meter wide)
- 17 Nos. Bus Bays with Rigid Pavement
- 1.5 Km drain on both sides of highway in Sehwan city
- 40 meter Retaining Wall , Height 3.3 meter with state of the art design
- Participating in local conferences.
- Preparing Cross-sections of roads and evaluation of quantities of different structure.
- Writing project proposals.
- Preparing of IPCs (Interim payment certificates).
- Monitoring and inspection of laboratory tests such as Sieve Analysis, Moisture Content Test, CBR Test, Field Density Test, Proctor test, Aggregate Abrasive test, Asphalt core cutting test, Bitumen Extraction Test, Bitumen Penetration Test, Concrete Crushing strength, Concrete workability Test, Cement consistency Test, Cement Fineness Test and Concrete Setting time Test.
- Submittals approval of different materials from Consultant.
- Inspection of installation of Sign boards, reflective metallic studs, bridges expansion joints and lane marking.

FRONTIER WORKS ORGANIZATION (755 CONST TEAM ENGR) AS Trainee Engineer:

- Supervise construction and renovation of 7x Nos Office Buildings and 25x Nos Accommodation Buildings for Consultant Staff and Project staff and construction of 3x buildings (Ground+1 storey) for Project offices..
- Renovation includes replacement of Paint works, plastering, woodworks, flooring, tiles, bath accessories and electric accessories with new one.

26th August 2010- 26th November 2010