CURRICULUM VITAE

1. **NAME OF FIRM :** Associated Consulting Engineers – ACE Ltd.
2. **NAME OF STAFF :** Muhammad Ali Hanif Khan

**4. PROFESSION :** Civil Engineer

**5. DATE OF BIRTH :** February 01, 1992

**6. YEARS WITH FIRM :** Less than one year

**7. NATIONALITY :** Pakistani

**8. MEMBERSHIP IN :** PEC CIVIL /37191

**PROFESSIONAL**

**SOCIETIES**

1. **KEY QUALIFICATION:**

Possess more than eight (8) years of overall experience in the field of Contracts administration for Engineering Projects (especially power sector) and Water Resources Projects. During this period was engaged in dealing with tender preparation, tender evaluation, contract procurement / administration. Also dealt with Designing, Construction supervision of Civil Structures, River Hydrology/ Flood analysis, Power Duration Curves, Hydrographs, Power Tariff etc. Have developed good Managerial and Interpersonal Skills in dealing with people; have managed workload efficiently under administration. Very well versed with computer aided software and programs.

1. **EDUCATION**

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| --- | --- | --- | --- |
| **Degree** | **Major / Minor** | **Institution** | **Date (YYYY)** |
| **BSc. Civil Engineering**  | Civil Engineering | University of Engineering & Technology, Taxila | 2014 |
| **FSc. Pre-Engineering** | Engineering | Punjab College Of Science, Lahore | 2010 |
| **Matriculation** | Science | Garrison Boys High School, Lahore Cantt | 2008 |

**OTHER TRAININGS**

* Project Planning and Scheduling (Primavera v6.0) – 8 Weeks course by M/s CEM Solutions
* 3 Days Workshop on Procurement Rules for Officers arranged by Management and Professional Development Department, Government of the Punjab
* 2 Days Contract Management course by Pakistan Engineering Congress

**11. EMPLOYMENT RECORD:**

**Position:** Senior Engineer (Contracts)

**Period:** June 30, 2021 - Continued

**Firm:** Associated Consulting Engineers – ACE Ltd.

FIDIC, World Bank, ADB, AFD, IDA, IRDB

Project Names

* Assistance in contracts and coordination matters relating to ongoing projects along with review of draft consultancy contracts and preparation of financial proposals for new projects.
* Assistance in preparation / execution of construction contracts in light of FIDIC EPC- Turnkey Contracts and Pakistan Engineering Council (PEC)’s standard documents.
* Assistance in preparation / review / negotiation of consultancy contracts in light of World Bank, ADB, IDA, IRBD, AFD guidelines and standard documents.
* Assistance in bank-end support to consultants’ management team in miscellaneous project affairs of Diamer Basha Dam Project, Mohmand Dam Project, Lawi Hydropower Project, Daral Khwar Hydropower Project, Tarbela 4th Extension Hydropower Project, Neelum Jhelum Hydro Power Project etc.
* Assistance in monitoring project progress against the approved work schedule.
* Assistance in maintaining records of original Agreements, subsequent amendments and its proper circulation to all concerned.
* Preparation of Commencement Reports, Control Estimates and Completion Reports.
* Preparation of report for Monthly Progress Review Meeting including information of all ongoing projects, monitoring of physical & financial progress, relevant issues and matters relating to business development activities.
* Preparation of minutes of Monthly Progress Review and other meetings.
* Assistance to Human Resource Section in matters relevant to personnel hiring, timesheets management, employee input records etc.
* Assistance to Business Development Section for review of EOIs, Risk Evaluation Meetings, RFP, technical and financial proposal reviews.
* Assistance to Accounts & Finance Section in matters related to preparation of billing rates, invoicing, budgeting and cost controls.
* Assistance in verification of Contractors’ Interim Payment Check (IPC)
* Implementation of company projects on SAP Software, as per relevant executed contracts, price master plan, contract creation etc., using modules of Sales & Distribution (SD) and Project Systems (PS).

**Position:** Junior Engineer (Contracts & Coordination)

**Period:** February 02, 2021 – June 30, 2021

**Firm:** Associated Consulting Engineers – ACE Ltd.

* Assistance in contracts and coordination matters relating to ongoing projects along with review of draft consultancy contracts and preparation of financial proposals for new projects.
* Assistance in monitoring project progress against the approved work schedule.
* Assistance in maintaining records of original Agreements, subsequent amendments and its proper circulation to all concerned.
* Preparation of Commencement Reports, Control Estimates and Completion Reports.
* Preparation of report for Monthly Progress Review Meeting including information of all ongoing projects, monitoring of physical & financial progress, relevant issues and matters relating to business development activities.
* Assistance in verification of Contractors’ Interim Payment Check (IPC)

**Position:** Associate Hydropower

**Period:** February 02, 2017 – February 01, 2021

**Firm:** Punjab Power Development Board, Energy Department, Government of Punjab

* Assistance in planning of energy conservation and development by preparation of various feasibility scenarios, reports & presentation for Chief Minister and Prime Minister’s briefing.
* Assistance in preparation of Prime Minister’s 100 Days Plan for energy efficient Punjab.
* Assistance in the planning for current electricity and future demand projections by evaluation the available resource for electricity production and future power plants potential.
* Assistance in evaluation of Bids received from the Pre-Qualified Sponsors for the development of 135 MW Taunsa Hydropower Project to be developed in Independent Power Producer (IPP) mode.
* Assistance in review of Feasibility Studies of Hydro Power Projects (HPPs) including 2.0 MW HPP on BRBD Link Canal, 2.54 MW Kasur HPP, 7.1 MW HPP on DG Khan Link-III Canal and 1 MW Khanewal HPP and 10 MW Murree HPP.
* Analysis for Net Power, Net Head, Average Discharges, Flow Duration Curves (FDC), Power Duration Curves (PDC), Annual Energy Generation etc.
* Assistance in design review of hydraulic structures involved in the low and high head Hydropower Projects.
* Assistance in review of documents in accordance with the applicable laws and policies, inter-alia, Punjab Power Generation Policy 2006 (Revised 2009), PPRA Rules – 2014 and NEPRA’s rules and regulations.
* Assistance for executing activities in light of Punjab Public Procurement Rules (PPRA) - 2014 and relevant laws.
* Assistance in inviting Expression of Interest (EOI), Issuance of Pre-Qualification Document (PQD), submission of Statement of Qualifications (SOQs), Evaluation of SOQs and award of Letter of Intent (LOI).
* Providing facilitation to IPPs for Energy Generation in Hydel Power sector of Punjab.
* Assistance in preparation of Pre-Qualification Document (PQD) for development of Small Hydro Power Projects (SHPPs).
* Assistance in addressing queries / clarifications, raised by Private Investors, upon issued PQD(s) and maintaining a close liaison with the perspective Sponsors.
* Maintaining official record of correspondences, LOIs, Contract Documents.
* Assistance in meetings of Panel of Experts (POEs), PPDB Committee and Board Meetings.
* Assistance in preparation Consultancy Contracts with various firms as per Terms of References (TORs), monitoring of in time execution of activities as per General and Special Conditions of Contract, modification in TORs, its price impact, Man-Month calculations as per additional tasks and / or time required for proper execution of Contract.
* Assistance in preparation of Memorandum of Understanding (MoU) to be executed between PPDB on behalf of GoPb, and the Chinese Companies like M/s Andritz, M/s Power China.
* Assistance in preparation of PC-I performa for 3.58 MW UCC HPP and 4.16 MW Okara HPP.

**Position:** Associate Hydropower

**Period:** July 15, 2015 - October 31, 2016

**Firm:** Punjab Power Development Board, Energy Department, Government of Punjab

* Assistance in planning of energy conservation and development by preparation of various feasibility scenarios, reports & presentation for Chief Minister and Prime Minister’s briefing.
* Assistance in the planning for current electricity and future demand projections by evaluation the available resource for electricity production and future power plants potential.
* Assistance in review of Feasibility Studies of Hydro Power Projects (HPPs) including 135 MW Taunsa HPP and small HPPs including 20 MW Rasul HPP, 19.2 MW Trimmu HPP, 5.2 MW Mandi Baha-ud-din HPP, 7.55 MW LCC HPP, 2.8 MW Khokhra HPP and 1.8 MW JBC HPP.
* Assistance in analysis for Net Power, Net Head, Average Discharge, Flow Duration Curves (FDC), Power Duration Curves (PDC), Annual Energy Generated.
* Assistance in comparative studies of alternative Layouts and selection of best option. Optimization studies of the selected layout.
* Assistance in design review of hydraulic structures involved in the low head Hydropower Projects.
* Assistance in review of the rate analysis & costing of works at feasibility level, and estimation for other costs and economic as well as financial analysis.
* Assistance in preparation of PC-II for Consultancy Contract for Taunsa HPP, for updation of Feasibility Study.
* Assistance in preparation of Request for Proposal (RFP) under NEPRA’s Competitive Bidding Tariff Regulations - 2014.
* Assistance in preparation of Biding Documents for implementation of 135 MW Taunsa HPP in Public mode, based on EPC / Turnkey formats of ADB and PEC Standard documents.
* Assistance in review of documents in accordance with the applicable laws and policies, inter-alia, Punjab Power Generation Policy 2006 (Revised 2009), PPRA Rules - 2014 and NEPRA’s rules and regulations.
* Assistance in preparation of Pre-Qualification Document (PQD) for development of Taunsa HPP in Public Mode.
* Assistance in addressing queries / clarifications, raised by EPC Contractors / JVs, upon issued PQD(s) and evaluation of Applications received in response to issued PQD.
* Assistance for Punjab Public Procurement Rules (PPRA) - 2014 and relevant laws.
* Assistance in preparation of Articles and Memorandum of Association and incorporation process of Quaid-e-Azam Hydel Power Limited (QAHPL) with SECP.
* Assistance in Compliance of Section-4 & 5 of Land Acquisition Act to finalize the acquisition of Private land for development of 135 MW Taunsa HPP.
* Providing facilitation and motivation to Independent Power Producers (IPPs) for Energy Generation in Hydel Power sector of Punjab.
* Assistance in preparation of Pre-Qualification Document (PQD) for development of Small Hydro Power Projects (SHPPs).
* Addressing queries / clarifications, raised by Private Investors, upon issued PQD(s) and evaluation of SOQs received in response to issued PQD.
* Timely monitoring and execution of tasks to be performed by the Consultants and relevant payments in lieu of tasks performed as per TORs of the Contract.

**Position:** Junior Engineer

**Period:** September 11, 2014 to January 16, 2015

**Firm:** IKAN - AKB (JV)

* Project site ~ Maulana Shaukat Ali Road; Underpass, Drain and Road Works.
* Managing and supervising the tasks assigned by the Project Manager, as per approved bar bending schedule, drawings and specifications, mainly;
	+ - Reinforced Concrete Piles, Caping Beams, and NJ Barrier.
		- Dry and Wet type Concrete Piles.
		- Retaining Wall
		- Concrete Drain Structure along with superimposed Beam and NJ Barrier.
		- Road Base above the old existed Kharak Nala.
		- Soakaway Pits.
		- Check requests and Interim Payment Checks (IPC) clearance from the Consultants as per activities executed.
		- Site Clearance after completed tasks.

**Position:** Trainee Engineer

**Period:** July 15, 2014 to September 10, 2014

**Firm:** ZKB - Reliable (JV)

Project site ~ Bank Stop, Main Ferozepur Road near Kainchi Chungi; Elevated UTurns / Bridge

Managing and supervising the tasks assigned by the Construction Manager, mainly;

* Review of drawings and keeping check / supervising the installation of reinforcement as per bar bending schedule; Deck and NJ Barriers
* Minor Concrete works.
* Finishing works; plaster and chipping along with designing.

**Position:** Trainee Engineer

**Period:** July 2013 (4 weeks)

**Firm:** Lahore Ring Road Authority

* Review of Bill of Quantities of already implemented works.
* Official letter drafting pattern and procedures.
* Study of already implemented contracts.

**12. LANGUAGES:**

 **Speaking Reading Writing**

English Good Good Good Urdu Good Good Good

**13. Software Skills**

* SAP
* Primavera (v6.0)
* Adobe Photoshop
* AutoCad
* Microsoft Office (Access, Excel, Word, Power Point)
* HECRAS
* FLOW 3D