

BARQAAB Consulting Services (Pvt.) Limited

◆ Company History

BARQAAB is an Engineering and Development Consultancy having core area of expertise in planning, design and execution of water and power sector projects. Development of water and power has been and continues to be the most challenging task of successive governments in Pakistan. To accept this challenge as a collective responsibility, BARQAAB was founded in May, 2000 and got registered as an independent Private Limited Company under the Companies Ordinance 1984. Due to highest level of commitment, dedication and professionalism of its staff, BARQAAB now ranks among the top consulting firms in Pakistan.

◆ Company Management

The company is managed by an independent Board of Directors comprising the Chief Executive and four other Directors. Day to day affairs are looked after by the Chief Executive with the assistance of General Managers and Divisional Heads. Work of field teams is coordinated by designated Coordination Officers in the Head office. Overall financial management and internal audit is the responsibility of General Manager Finance.

◆ Staff

BARQAAB has staff strength of 450 company employees including multi disciplinary teams of professionals and para-professionals. Nucleus formation of the company is based in its Headquarter offices at Lahore where various specialty groups are working. These specialty groups are centers of excellence in various disciplines. They provide professional input to project management teams. Our endeavour is to provide best working environment to our staff so that they can enjoy a rewarding career with BARQAAB. All BARQAAB offices are ISO 9001:2008 Certified.

◆ Vision and Values

Pursuit of excellence in every facet of a project cycle: inception, feasibility, design and execution, has been and continues to be our guiding principle. To this end, we embrace change and strive for continuous improvement in our approach and methodology consistent with state- of-the-art technologies.

We believe that our ability to offer cost effective, technically sound and sustainable system solutions is the single most important factor that will win the confidence and satisfaction of our clients.

We also believe in collaborative approach for pooling of resources to meet the requirement of specific projects. Talent and merit of the participating partners underpin the basis for the formulation of joint ventures.

◆ Scope of Services

- Project appraisal
- Pre- feasibility and feasibility studies
- Socio- agro-economic studies
- Environmental and Resettlement studies
- Survey, investigation and laboratory testing
- Project preparation
- Design, tender documents, technical specifications, BOQ
- Preparation of TOR for the clients
- Geology and hydrology
- Geotech and foundation
- Hydraulics
- Reservoir operation studies
- Power market survey and system studies
- Construction supervision and quality management
- Project completion reports
- Start- up tests
- Safety inspection
- Standard Operating Procedures(SOP)
- Operation and maintenance

◆ Field of Activities

- Dams and barrages
- Hydropower projects
- Irrigation and drainage
- River and flood control
- Groundwater management
- Mining
- Buildings and roads
- Water supply and sanitation
- IT, GIS and MIS
- Grid stations and transmission lines
- Power generation and distribution
- Tele communication and SCADA
- Instrumentation and control
- Power Distribution
- Hydel and thermal power plants
- Solar power and alternate energy
- Power System Studies



FIRM'S BACKGROUND

BARQAAB Consulting Services was established in May 2000 as Engineering Consulting Company under company ordinance 1984. Its core team of professionals has unmatched experience of working on Water and Power sector projects. The overall team of professionals numbering about 350 is a mix of young, middle level and senior level engineers with rich experience in various engineering disciplines. Overall staff strength is 450. During the last sixteen years, BARQAAB has successfully implemented a large number of important projects independently and as a joint venture partner.

BARQAAB has got abundant experience in Engineering and Execution of Power Transmission and Distribution Projects independently and achieved levels of successes as an independent Consultant (i.e. Owner's Engineer), spreading over almost two decades. BARQAAB has successfully completed following numerous projects as an independent Consultant (i.e. Owner's Engineer):

Sr.#	Description	No. of Substation Projects / Length of Lines
1	500kV GIS Substation Projects	02 Nos.
2	220kV GIS Substation Projects	02 Nos.
3	132kV GIS Substation Projects	01 Nos.
4	500kV AIS Substation Projects	06 Nos.
5	220kV AIS Substation Projects	11 Nos.
6	132kV AIS Substation Projects	16 Nos.
7	500kV Transmission Lines Projects	418km
8	220kV Transmission Lines Projects	888km
9	132kV Transmission Lines Projects	307km

REGISTRATION AND CERTIFICATIONS

- Registered with Security Exchange Commission of Pakistan (SECP) as a Company under the Companies Ordinance 1984 in May 2000
- Registered with the Pakistan Engineering Council (CONSULT/939)
- ISO 9001:2008 Certified
- Registration with Federal Board of Revenue (FBR)
- Registration with Sindh Revenue Board (SRB)



BARQAAB MANAGEMENT

1. Board of Directors

Chairman

Engr. Sardar Muhammad Tariq

Directors

Engr. Ahmad Khan Bhatti
Engr. Ijaz Ahmad Humayun
Engr. M. Salim Warsi
Engr. Riaz Ahsan Baig

2. Chief Executive Officer

Mr. Ahmad Khan Bhatti

M.Sc. Construction Engineering, Leeds University, UK, 1980

B.Sc. (Civil) Engineering, University of Engineering & Technology, Lahore, 1962

Drainage Course, ILRI Holland, 1983

Study Tours to UK, USA, Canada, Netherlands, Italy, Spain, Egypt, Sri Lanka, Malaysia

Practicing professional Engineer since 1962. Member of the Think Tank Committee of Pakistan Engineering Council. Have been a member of Panel of Experts of PEC, Consultant Team Leader for World Bank. As Member (Water) WAPDA was involved in the planning, design and implementation of major projects under Vision 2025 Program comprising Basha Diamer Dam, Greater Thal Canal, Kachhi Canal, Raineer Canal, Mangla Dam Raising, Hydropower Projects and various other small and medium Dams. Also executed National Drainage Program, Khanpur Dam and Lower Rechna Project as Project Manager. As a Team Leader, prepared Drainage Master Plan for Pakistan. As a World Bank Consultant/Team Leader prepared ground water management strategy for Punjab.

3. General Manager (Power)

Engr. Muhammad Zafar

M.Sc. (Electrical) from University of Engineering and Technology Lahore (UET). 2009

B.Sc. (Electrical) Mehran University of Engineering and Technology (MUET), Jamshoro, 1981

He served NTDC for over 36 years and retired as General Manager. In 1982 he joined WAPDA as Assistant Director (Inspection). He executed his obligations for almost 12 years as SDO (GSC) South, (WAPDA) Hyderabad. He served for 4 years as Executive Engineer (EHV) Construction Division Lahore and for 1 year in S & I as well. For two (02) years of deputation at NPCC (Saudi Arabia) as Senior Engineer, performed his obligation against construction of 380kV Transmission Line from Makkah to Taif and 380kV In & Out arrangement at Khulais Substation. Six years' experience as Executive Engineer GC Division Lahore for construction of 66kV to 132kV Transmission Line and Grid Station Projects in Lahore region. Three years of experience as Project Director EHV-II NTDC Multan for management and construction of 220kV to 500kV Transmission Line and Grid Station Projects in Multan and Southern region. Three years' experience as Chief Engineer EHV-II NTDC Hyderabad for management and construction of 220kV to 500kV Transmission Line and Grid Station Projects across the country.



4. Chief Technical Officer / GM (Water & Coordination)

Engr. Mumtaz Akhtar

M.Sc. (Contract and Project Management) from Purdue University of Indiana, USA 1988

B.Sc. (Civil) Engineering, University of Engineering & Technology, Lahore, 1966

A practicing professional Engineer since 1966, Mr. Mumtaz Akhtar served WAPDA on various key engineering projects including National Drainage Program, Chashma and CJ Link Canal, Abbasia Link Canal etc. Mr. Mumtaz became a founder member of BARQAAB in the year 2000. As General Manager (Water & Coordination), he is responsible for Water Resources Development Projects, Coordination, Administration and Business Development. He completed post graduate studies in Construction Management from Purdue University in 1988.

5. Departmental Structure

The company is managed by an independent Board of Directors who are all eminent engineers. Day to day affairs are looked after by the Chief Executive Officer with the assistance of General Managers and Divisional Heads. Work of field teams is coordinated by designated Coordination Officers in the Head office. Overall financial management and internal audit is the responsibility of General Manager Finance. Headquarter offices are in Lahore where various specialty groups are working. These specialty groups are centers of excellence in various disciplines. They provide professional input to project management teams.

