
BIRUDO ENGINEERS

Company Profile





Table of Contents

Company's Statement.....	1
Meet the Team	2
What we do.....	4
Experience	5
Working Relations.....	20
Certifications	24
Enlistments	26

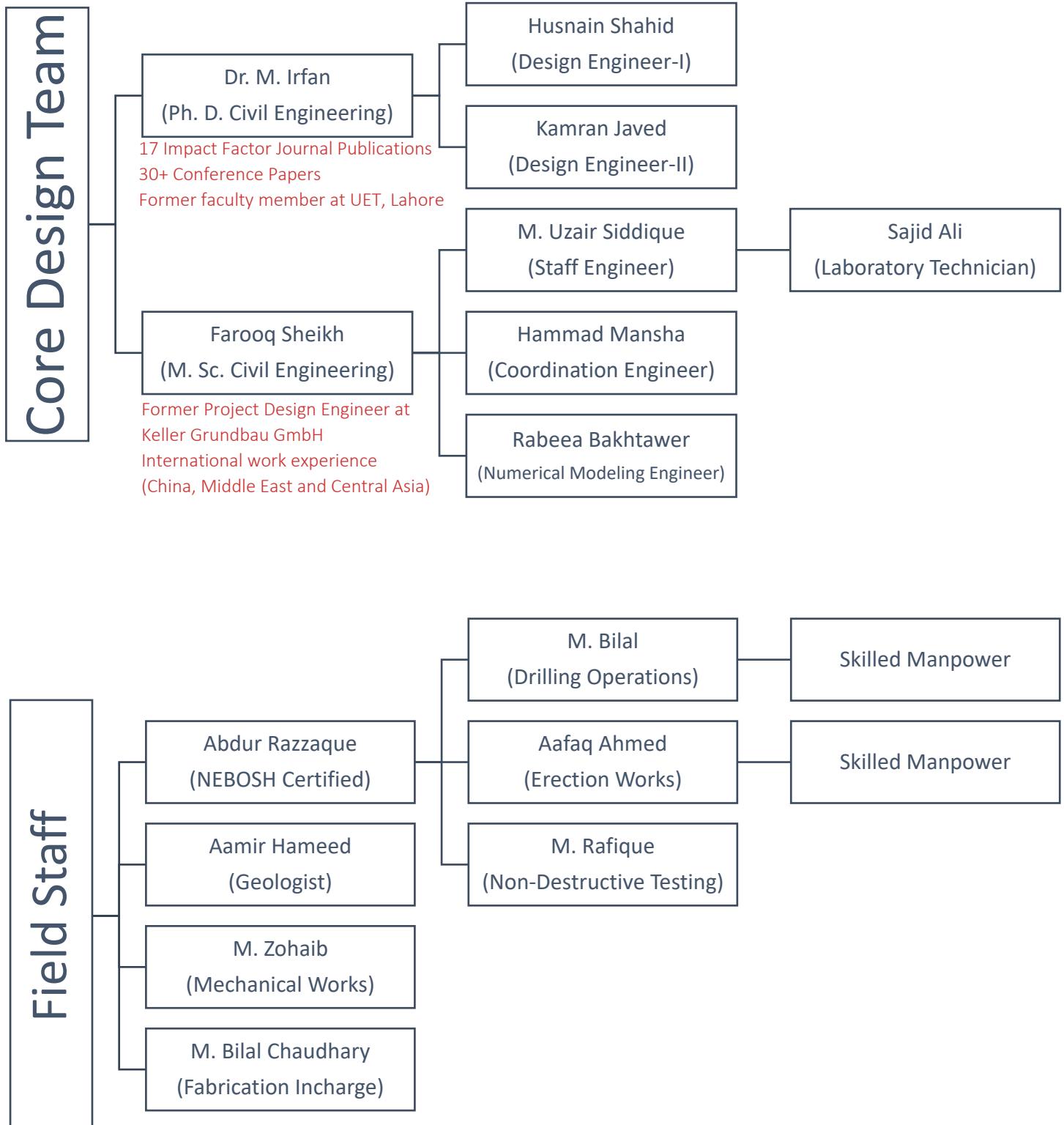
Company's Statement

Birudo Engineers is a civil engineering consulting firm, blending international state-of-the-practice in local construction industry. This is done by a group of experts having diverse experience with specialization in geotechnical engineering and allied disciplines.

We possess a healthy track record of delivering consultancy as well as innovative Design-Build/ EPC solutions to Geotechnical, Environmental, and Civil related challenges. A pool of highly qualified and experienced professionals enables consultant to give tailor made engineering solutions that are successfully implied on previous projects.

We take pride to have worked with several international Consultants of repute by meeting high quality standards and timelines.

Meet the Team







What we do

- Geographic Surveys
 - Topographic Survey*
 - As-built Survey*
- Geotechnical Investigations
 - Borehole Drilling*
 - Testpit Excavation*
 - In-Situ Testing and Sampling*
 - Laboratory Testing*
 - Reporting*
- Performance based Geotechnical Design (FEM)
- Specialized Foundation Testing and Optimization
 - Instrumented Pile Load Tests (Full Scale)*
 - Dynamic Pile Load Testing (HSDT)*
 - Sonic Integrity Testing*
- Geophysical Surveys
 - Electrical Resistivity Survey*
 - Downhole Seismic Survey*
- Groundwater Recharge System
- Structural Health Monitoring
- Shoring System Design and Construction (EPC)
- Hydraulic Structures
 - (Geotechnical Analysis and Design)

Experience

100+ Geographic Surveys

Survey works for Line-3 & Line-4 Maple Leaf Cement Factory



Some other prominent projects

- Charity Hospital near Namal Institute, Mianwali
- University of Murree, Murree
- Pakistan Children's Heart Foundation (PCHF) Hospital near Jinnah Terminal, Lahore
- Brownfield and Greenfield Projects of Total PARCO Pakistan Pvt. Limited (TPPL)
- Upgradation of Allama Iqbal Hospital Sialkot as Teaching Hospital

150+ Geotechnical Investigations

Drilling works being executed for an industrial project



Some other prominent projects

- CASA-1000 (Azakhel Bala Converter Station to Pakistan-Afghanistan Border Torkham)
- Optimization of Plant Operations (Solar Panels Installation) at Maple Leaf Cement Factory, Iskanderabad
- Greenfield Aerodome for General Aviation activities at Muridke near Lahore
- Cannon Thermatek Factory at Sahianwala
- 500 kV/ 220 kV Double Circuit Transmission Line from Faisalabad West Substation to Trimmu (Jhang) Power Plant
- Punjab House Gwadar
- Solvent Extraction Plant near existing Poultry Feed Manufacturing Facility of Asia Feeds

PIMS Islamabad





Full scale pile load test at Cardiac Center D. G. Khan

Value Addition (Specialized Foundation Testing & Optimization)

Sonic integrity testing at Colgate-Palmolive Plant



Some other prominent projects

- Renacon Pharma - Hemodialysis Plant, Faisalabad
- Phthalic Anhydride Plant in Faisalabad
- Mother and Child Hospital Murree
- Sialkot – Lahore Motorway (M-11) Project
- Ghani Ceramics at Sahianwala
- 40 MW Cogeneration Power Plant at Shorkot Road, Shorkot

High Strain Dynamic Testing (HSDT) of Piles



Dynamic Pile Load Testing at Sheikh Zayed-II Hospital, Rahim Yar Khan

Geophysical Surveys



Electrical resistivity survey undertaken at 220 kV Dera Ismail Khan Substation

Some other prominent projects

- Expansion of Fauji Foundation Hospital, Rawalpindi
- Punjab House Gwadar
- Establishment of Sardar Fateh Muhammad Khan Buzdar Institute of Cardiology (SFMKBIC), D. G, Khan
- DHQ Chakwal
- Civil Secretariat Multan
- 132/ 11.5 kV AIS Outdoor Substation No. 2 at FIEDMC, Sahianwala
- 500/220/132 kV Faisalabad West Substation
- Upgradation of Sheikh Zayed Medical Complex, Rahim Yar Khan

Groundwater Recharge System

Performance testing of Stormwater Disposal Wells is in progress at Tetra Pak Factory, Sundar Industrial Estate



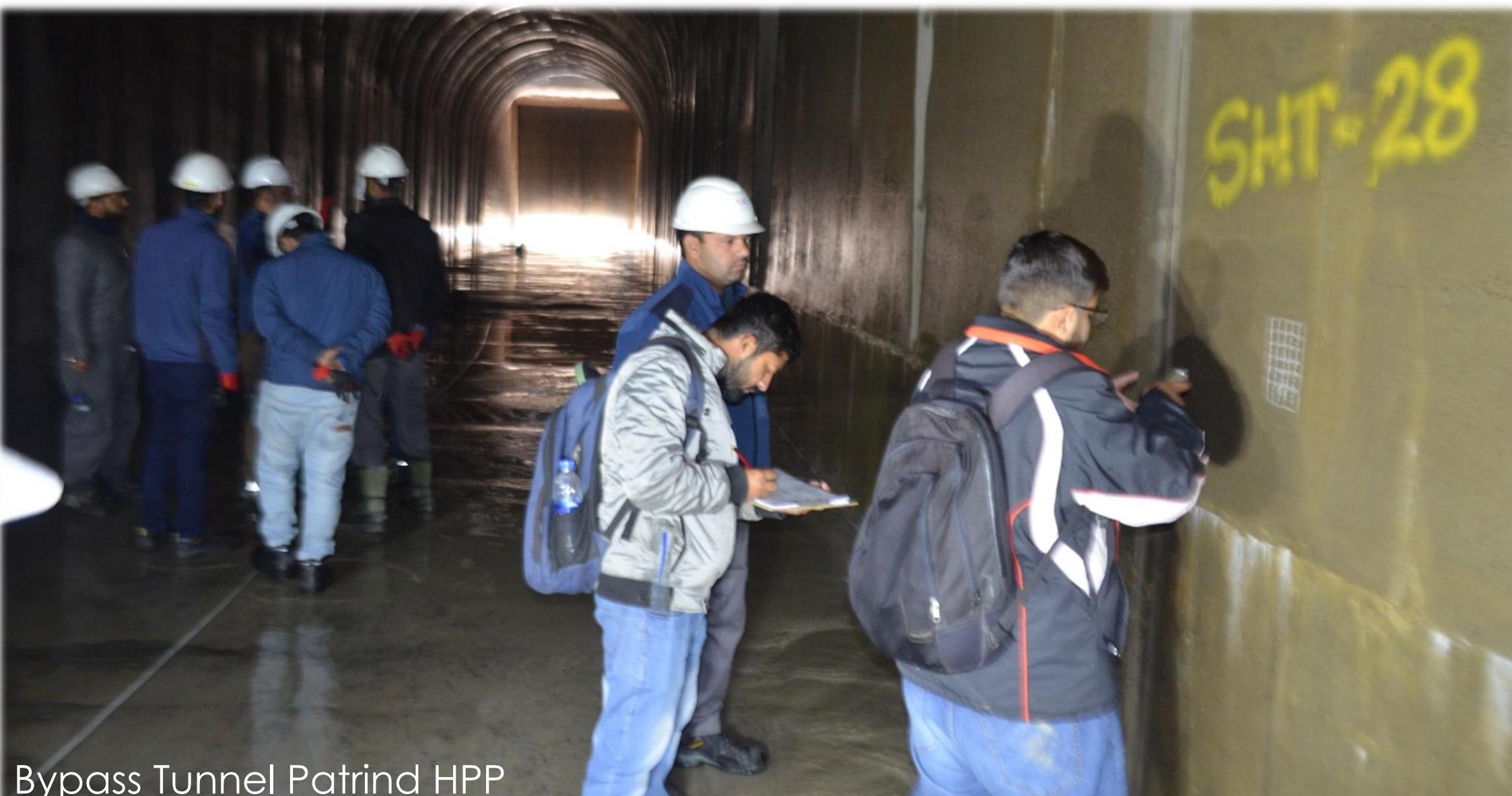
Structural Health Monitoring & Instrumentation

Ultrasonic Pulse Velocity Test is being executed on pedestal



Some other prominent projects

- Inspection of Waterway Tunnel (Civil Works) at Patrind Hydropower Project
- Cement Silos SCD at Maple Leaf Cement Factory, Iskanderabad
- Installation of landslide hazard monitoring system at three locations in Hunza
- Health monitoring of concrete lining of By-Pass Tunnel of Patrind Hydropower Project



Bypass Tunnel Patrind HPP

Instrumented pile testing at URBAN DWELLINGS, ISLAMABAD







Installation of
landslide
hazard
monitoring
system in
Hunza

Shoring System Design and Construction (EPC)



Similar projects

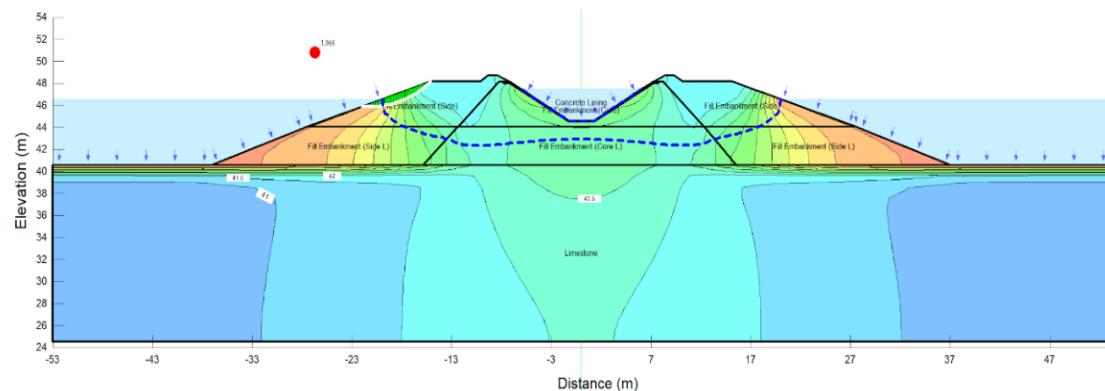
- The Springs Gulberg, Lahore
- Zameen AURUM, Lahore
- Takbeer Tower, Lahore
- Zameen Quadrangle, Lahore
- Zameen ACE Mall, Islamabad
- Burj-1, Main Boulevard, Lahore
- Al-Hafeez Business Av., Lahore
- Canal Heights, Lahore

Hydraulic Structures (Geotechnical Analysis and Design)

Slope stability and seepage control

design for K-IV

Bulk Water Supply Project

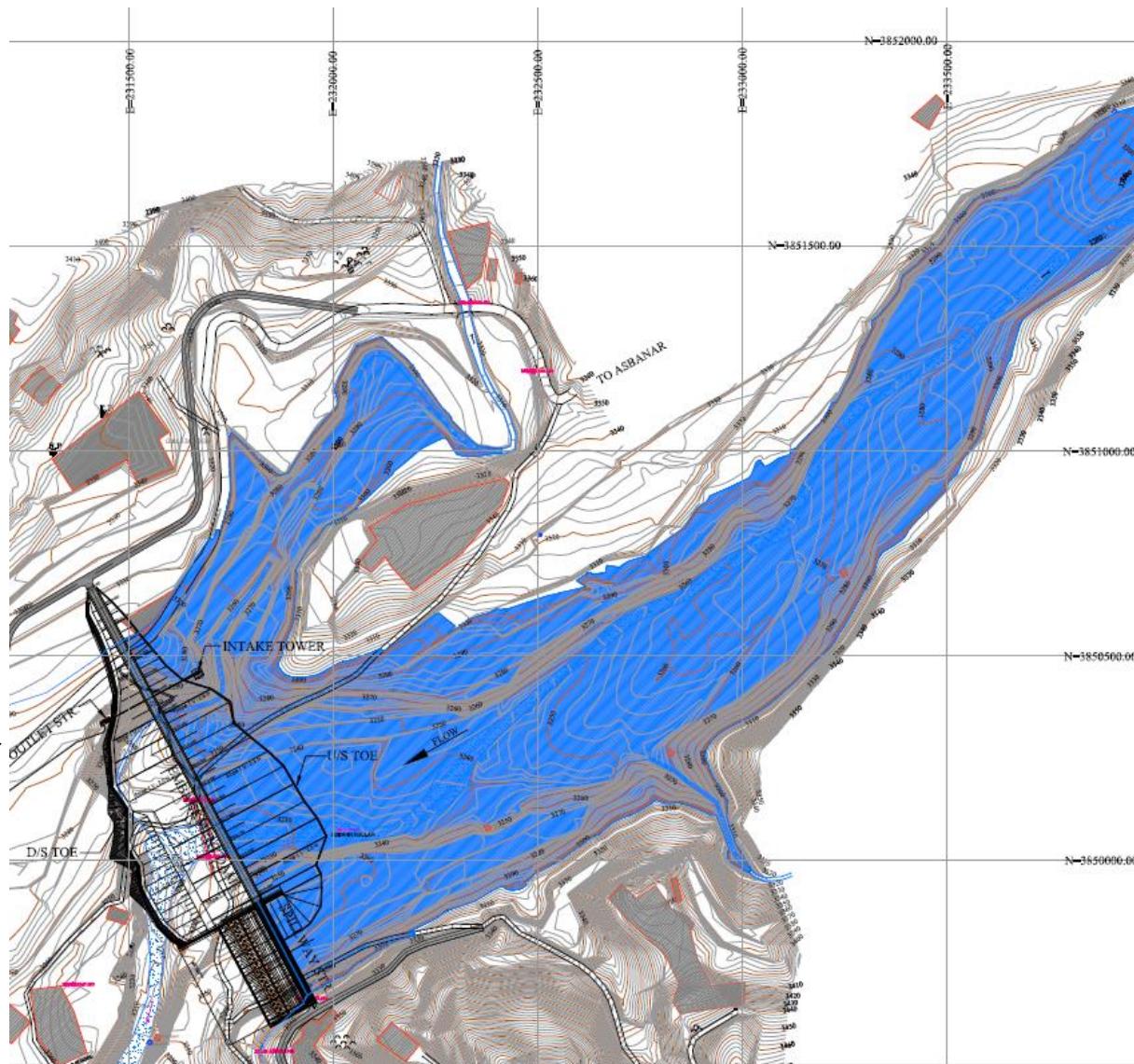


Geotechnical assessment and design of dam/barrage and allied structures

for **Sindh Barrage Project**

and

Sanaam Dam Project near Charsadda



Working Relations



Inspection of Waterway Tunnel (Civil Works) at Patrind Hydropower Project



The Central Asia-South Asia Power Project (CASA-1000)



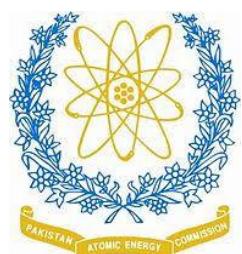
150 MW Taunsa Hydropower Plant, Taunsa, Dera Ghazi Khan



Punjab Safe City Project, Lahore



Twin Towers at Jail Road, Lahore



Extension of NORI Hospital Building, Islamabad



Sialkot – Lahore Motorway (M11) Project



AFOHS Complex, Lahore



Punjab Forensic Science Agency (PFSA), Lahore

Sardar Fateh Muhammad Khan Buzdar Institute of Cardiology (SFMKBIC), D. G. Khan

Establishment of 200 Bedded Mother and Child Hospital and Nursing College, District Bahawalnagar

DHQ Hospital Chakwal

Civil Secretariat Multan

Establishment of 200 Bedded Mother and Child Hospital Attock

Punjab House Gwadar

200 Bedded Mother and Child Hospital (MCH), Mianwali

Upgradation of Sheikh Zayed Medical Complex, Rahim Yar Khan

200 Bedded Mother and Child Hospital and Nursing College at District Layyah

200 Bed PIMS Emergency Department & Parking Structures, Islamabad



1180 MW CCPP Bhikki

500 kV/220 kV Double Circuit Transmission Line from Faisalabad West Substation to Trimmu (Jhang) Power Plant



Charity Hospital near Namal Institute, Mianwali



132/11.5 kV AIS Outdoor Substation No. 2 at Sahianwala



Line-3 Maple Leaf Cement Factory Limited

Line-4 Maple Leaf Cement Factory Limited

Cement Silos SCD at Maple Leaf Cement Factory, Iskanderabad

Optimization of Plant Operations (Solar Panels Installation) at Maple Leaf Cement Factory, Iskanderabad



NESTLE Office, Mall Road, Lahore



Tetra Pak Factory, Sundar Industrial Estate, Lahore



Relocation of Jotun Paint Manufacturing Unit



White Oil Pipeline Mogas Project in Port Qasim (WOTS-II), Sindh – Pakistan

White Oil Pipeline Mogas Project in Shikarpur (WOTS-II), Sindh – Pakistan

White Oil Pipeline Mogas Project in Mehmood Kot (WOTS-III), Sindh – Pakistan



Hemodialysis Plant, Faisalabad



100+ Brownfield Sites

50+ Greenfield Sites



Habib Metro Pakistan – Faisalabad Mall



Bulk Oil Depot, Vehari

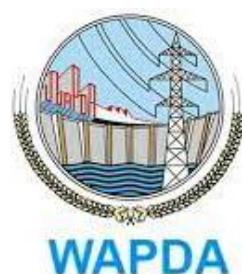


Daanish School Mankera, Bhakkar – Punjab

Center of Excellence Peer Mahal, Toba Tek Singh – Punjab

Center of Excellence Tandlianwala, Faisalabad – Punjab

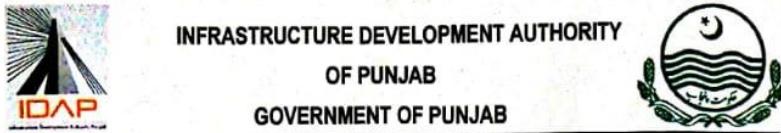
Daanish School Taunsa, D. G. Khan - Punjab



Sindh Barrage Project – Geotechnical Engineering Expert

Certifications

Infrastructure Development Authority of Punjab (IDAP)



No. PSO/M(E&P)/IDAP/2018/6531

Date: May 9, 2018 (Wednesday)

TO WHOM IT MAY CONCERN

Subject: CERTIFICATE FOR SATISFACTORY LABORATORY PERFORMANCE

M/s Birudo Engineers were hired by IDAP (Infrastructure Development Authority of Punjab) for execution of detailed geotechnical investigations of various projects. The tasks executed by M/s Birudo Engineers included field investigations as well as laboratory testing on soil/rock and water samples. In this regard, we have found that laboratory testing procedures followed by M/s Birudo Engineers for conducting laboratory investigations of IDAP projects were in conformance with the approved laboratory testing plan(s), as well as applicable internationally recognized testing standards.

Sincerely,

Fawad Muzaffar, Ph.D.,



General Manager, Engineering & Planning (E&P),
Infrastructure Development Authority, Punjab (IDAP)

NEBOSH International General Certificate in Occupational Health and Safety



nebosh

NEBOSH International General Certificate in
Occupational Health and Safety

This is to certify that

Abdur Razzaque

was awarded this qualification on
12 November 2018

William Nixon
Chair

William Nixon.

Ian Taylor
Chief Executive

Ian Taylor

Master log certificate No: 00353067/1030705
SQA Ref: R368 04



The National Examination
Board in Occupational
Safety and Health
Registered in
England & Wales No. 2698100
A Charitable Company
Charity No. 1010444

Enlistments

Pakistan Engineering Council (PEC)



Military Engineering Services

ENGINEER-IN-CHIEF'S BRANCH



CERTIFICATE
OF PRE-QUALIFICATION

SERIAL NO. 0132
REGISTRATION NO. DP&W/Pre-Qual/004/2021

THIS IS TO CERTIFY THAT M/S Birudo Engineers, Lahore
HAVE BEEN PRE-QUALIFIED WITH ENGINEER-IN-CHIEF'S BRANCH IN Category-1 as Consultant
TO UNDERTAKE PROJECTS IN THE FOLLOWING FIELDS:-

- Civil Engg Works (Geo Tech)
- xx
 - xx
 - xx

- xx
- xx
- xx

THIS PRE-QUALIFICATION CERTIFICATE IS VALID UPTO 31 Dec 2022

DATED 29 April 2021
(NON-TRANSFERABLE)


BRIG
FOR ENGINEER-IN-CHIEF
(RAZA NOOR ALI KHAN)

Frontier Works Organization (FWO)

HQ Frontier Works Org
Central Registration Sec
509 Kashmir Road
RA Bazar Rawalpindi
Tel : (051) 92 746 53
802/ 2/ T-3588/ Ord/ Regn

17 Apr 2019

To: **M/S Birudo Engineers**
H # 107, Block C, PAF Officers Colony, Lahore Cantt
Ph# 03066666010

Info: PD LSM

Subj: **Registration of Firms/Contractors**

1. Name of your firm has been temporarily placed in the list of active Firms/Contractors of this Organization as **Sublet Contractor**.
2. Registration Number. **T-3588 (In Category "C-7")** has been allotted to your firm, which must be quoted in all future correspondence with this Organization. (**THIS LETTER/REGISTRATION IS NOT APPLICABLE OUTSIDE FWO**). Permanent registration number will be allotted to your firm after receipt of Security Clearance from GHQ MI Dte for which procedure outlined in **Annex A** to this letter be followed by **30 Jun 2019** failing which your firm will be suspended.
3. This registration is valid upto **30 Apr 2021**. Thereafter, your firm will have to renew the registration as per policy in vogue.
4. Please note, if your firm fails to quote rates for three consecutive times / occasions, your firm name will be deleted from our active list of firms / contractors. DG FWO reserves the rights to delete the name of your firm from approved list of HQ FWO without assigning any reason.
5. Tender inquiry will be issued to your firm as and when required by this Organization.

Manager Registration
for Director General
(Lt Col (R) Wajahat Ali)



BIRUDO ENGINEERS

90-A4 (2nd Floor) Sharif Colony,
Canal Park, Gulberg II, Lahore

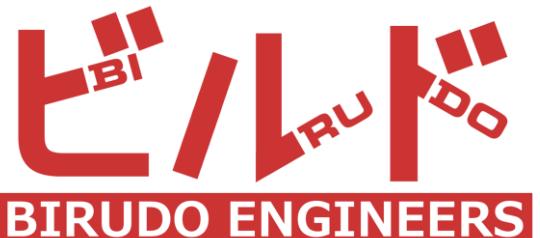
director@birudo-eng.com

birudo-eng@outlook.com

+92 30 66 666 010

+92 302 5000 678

www.birudo-eng.com



BIRUDO ENGINEERS