



The Discipline/Expertise	Principal Geotech
Name of the Firm	Architectural and Civil Engineering Services (ACES)
Name of Nominee	S. MUHAMMAD JAMIL
Profession	Civil Engineer
Date of Birth	12 Mar 1956
Years with the Firm	10 Years
Nationality	Pakistani
PEC Registration No.	Civil/ 19598
Key Qualifications	:
Academic Qualifications	: Ph.D. Civil Engineering (Geotechnical), University of Illinois at Urbana-Champaign, USA, 1992 M.S. Civil Engineering (Geotechnical), University of Illinois at Urbana-Champaign, USA, 1989 B.Sc. in Civil Engineering, Military College of Engineering, Risalpur, Pakistan, 1982

Employment Record

Dec 2009 to date

EMPLOYER	:	Architectural and Civil Engineering Services (ACES).
POSITION HELD	:	Principal Geotech
PERFORMANCE	:	
	⇒	Geotechnical Investigations
	⇒	Educational and Health Facility Buildings in Earthquake Affected Region.
	⇒	Design of underground structures
	⇒	Earth retaining Structures
	⇒	Design of Dams
	⇒	Design of Tunnels
	⇒	Slope Stability
	⇒	Foundation Designs

Dec 2009 to date

EMPLOYER : National University of Sciences & Technology (NUST)
Pakistan

POSITION HELD : Head of the Departments of Geotechnical Engineering
NIT,
DESCRIPTION OF DUTIES : SCEE, NUST

⇒ Teaching

2006 to 2008

EMPLOYER : DHA Islamabad -II
POSITION HELD : Project Director
DESCRIPTION OF DUTIES :

⇒ Construction Supervision

2006 to 2008

EMPLOYER : Directorate of Design & Consultancy
POSITION HELD : Director Design

PEFORMANCE :

- ⇒ Design of Sheikh Rashid Expressway Lai Nullah Rawalpindi.
- ⇒ Design of Housing facilities at Kamra
- ⇒ Right Bank Outfall Drain (RBOD)
- ⇒ Rehabilitation of Wana and Miranshah air strips.
- ⇒ Design of Jinnah Navel Base Ormara
- ⇒ Sargodha Runway Rehabilitation

2000 to 2006

EMPLOYER : Engineer-in-Chief's Branch, Rawalpindi
POSITION HELD AND : Chief Consultant Engineer (Civil)

DESCRIPTION OF DUTIES :

- ⇒ Detailed design of Jalkhad-Chilas Road.
 - ⇒ Feasibility of an Alternate Route to Lowari Pass to Provide an all weather access to Chitral.
 - ⇒ Feasibility of a Road/Tunnel between Shaqma and Shirting (Northern Areas) 2002
 - ⇒ Pavement and Geometric Design of Road Network, DHA Islamabad.
 - ⇒ Evaluation of Rajanpur Runway.
 - ⇒ Project Director, Astore Valley Road and Gilgit-Chitral Road.
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- ⇒ Pavement and Geometric Design of Road Network, Army Welfare Housing Scheme, Rawalpindi.
- ⇒ Pavement Design for Roads Infrastructure of IDB Projects (NUST)
- ⇒ Detailed Evaluation of Sangori Matwarkh Irrigation Scheme, Loralai, Balochistan.
- ⇒ Design of Flood Protection Bund for Morgha-I, Army Welfare Housing Scheme.
- ⇒ Design of Flood Protection works on Soan River
- ⇒ Detailed design of retaining structures Army Welfare Housing Scheme II.
- ⇒ Investigation of Failure of slopes, retaining structures and foundations at Army Public School, Murree.
- ⇒ Left Bank Outfall Drain (LBOD).
- ⇒ Effects on Pakistan of construction of a reservoir on river Kabul in Afghanistan.

1999 to 2000

EMPLOYER :

POSITION HELD :

DESCRIPTION OF DUTIES :

Military College of Engineering, National University of Sciences and Technology, Risalpur
Officer in-charge (Soil Laboratory)

- ⇒ Teaching/conducting & supervising Laboratory Tests & Research.

1994 to 2000

EMPLOYER :

POSITION HELD AND :

DESCRIPTION OF DUTIES :

Military College of Engineering, National University of Sciences and Technology, Risalpur
Instructor (Asst Professor)

- ⇒ Soil Feasibility for Inundation.
- ⇒ Comparative Study of Bearing Capacity.(Class room instructions)
- ⇒ A comparative study of Bearing Capacity from Plate Load Test and Bearing Capacity Equations for Predominantly Cohesive Soils.
- ⇒ Use of Best Suited/Economical Combination of Waste Polythene, Cement and Sand for Compacted Clay Liner in Arid/Semi Arid Regions.
- ⇒ Comparison of different methods of interpreting Ultimate Load of Pile from Pile Load Test Data.
- ⇒ A Laboratory Study on Dune Sand Stabilization with Cement Kiln Dust for Cholistan Desert.
- ⇒ Introduction of Rock Mechanics Course for MSc at NIT, Risalpur.



1994 to 1999

EMPLOYER : Military College of Engineering, National University of

POSITION HELD : Sciences and Technology, Risalpur
DESCRIPTION OF DUTIES : Officer in-charge (Strength of Materials)

⇒ Teaching

1984 to 1987

EMPLOYER : Military College of Engineering, National University of
Sciences and Technology, Risalpur

POSITION HELD : Instructor Class "C"
DESCRIPTION OF DUTIES :

⇒ Teaching

1983 to 1984

EMPLOYER : Frontier Works Organization (FWO)

POSITION HELD : Site Engineer

DESCRIPTION OF DUTIES :

⇒ Construction of Khanpur Dam

LANGUAGES WITH DEGREE OF PROFICIENCY : Excellent in reading, writing and speaking English, Urdu and Pushto.

PEC Registration No : Civil /19598

Total Experience : 33 Years
