

# Maj (R) Shafqat Nawab

Managing Director, Ekokare Design Solutions

<b><u>PROFESSIONAL EXPERIENCE</u></b>	
<b>1.</b>	<b>Design Experience</b>
a.	Planning, Designing, and consultancy for various colonies, multi-story buildings, plazas, offices, hospitals etc., in following domains: <ul style="list-style-type: none"> <li>• Water supply</li> <li>• Sewerage</li> <li>• Water and sewage treatment plant</li> <li>• Sub-surface drainage</li> <li>• Dewatering</li> <li>• Fire Hydrant System, Fire Detection and Alarm System</li> <li>• Filtration System of Swimming Pool</li> <li>• Pump design in hilly area</li> <li>• Sprinkler System</li> </ul>
b.	Planning, Designing, and consultancy of various water supply schemes
c.	Planning & Prep of Tender Documents
<b>2.</b>	<b>Construction Experience</b>
a.	<b>2006-2011:</b> Multi story buildings incl houses, flats and Mess with all external services which includes electricity, water supply, sewerage, surface drainage and roads etc.
b.	<b>2006-2011:</b> Residential accommodation, ATC, Crash Tandar, Air Strip, Night Landing Facility, Aviation fuel Tank and external services i.e., electricity, water supply, sewerage, surface drainage and roads etc.
c.	<b>2002-03:</b> Makran Coastal Highway, bridge at Aghore river, DHA Karachi Roads, Malir Cantt road, City district roads and Pavement of portion of Liari Express way.
d.	<b>1995-97:</b> Khushab SCARP (Salinity Control and Reclamation Project)
e.	<b>1989:</b> Activation of Pondage Scheme & construction of Siphons at Eastern Sadiqia Canal.
f.	<b>1988:</b> Laying of water supply Pipe Line, Construction of Under Ground Water Tanks, intermediate pumping stations & Pump Houses.
g.	<b>1983-85:</b> Construction of Raft/Jetty, survey, pilot cut and widening of Haripur Chappar Road.
h.	<b>1982:</b> Construction of Bunkers.
<b>3.</b>	<b>Digital Mapping and GIS</b>
a.	<b>1997-98:</b> Digital Mapping
b.	<b>2000-02:</b> Deputy Director Technical, NADRA, Punjab Head Office.
c.	<b>1998-2000:</b> Soil classification through remote sensing.

<b><u>ACADEMIC BACKGROUND</u></b>			
1.	Bachelor of Science (Pre-Engineering)	1980 to 1982	Pakistan Military Academy, Kakul
2.	B.S., Engineering (Civil)	1985 to 1989	Military College of Engineering, Risalpur
3.	M.Sc. Environmental Design	2004 to 2007	Allama Iqbal Open University, Islamabad