

MUHAMMAD HAMMAD ASHRAF



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Date of Birth:	02/01/1986	Father Name:	Muhammad Ashraf Khan
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Passport #:	EZ1849601	Nationality:	Pakistan

PROFILE

As a **Technical Director-Projects Rollout** for PTCL Customer Group in **Huawei Technologies (Pvt.) Pakistan** leading a team of 40 members including Technical Engineering staff and Subcontractors I have a demonstrable managerial and technical experience of **11 years** in project management, project execution, operation and maintenance.

I am managing projects delivery, bidding RFP/RFQ, contractual Scope of Work (SOW), contractual Statement of Compliance (SOC), detailed design of products, overall project forecast cost including subcontractor cost, risk cost and HR cost in Projects roll out phase. Responsible for high level managerial meetings, customer relationship building, project delivery agendas, pre-sales, off shore/on shore warehousing and revenue forecast/triggering, making of Work Break down Structure (WBS), Responsibility Matrix (RM) and Project Implementation Plan (PIP) in accordance with contract clauses.

Working in a professional environment with Telecom Operators like PTCL, Ufone, ZONG and Telenor Pakistan and having strong managerial, organizational, analytical and interpersonal skills I have been assigned with the role of engaging with customer regarding projects kickoff meetings, project delivery strategy, daily/weekly reports and weekly meetings presenting project overview. I have delivered various technical trainings to customer and subcontractors on NG-WDM, SDH and PTN products

With a remarkable technical background having foreign and local trainings from Huawei and ZTE I have extensive hands on experience in **DWDM, 400G NG-WDM, OTN, SDH, PTN, NG-SDH, Hybrid (Packet+ MSTP) SDH** based Fixed Optical Fiber Transmission Networks with software applications using **U2000, U31 and E300**.

I have considerable expertise in media configuration for Circuit Switch Networks i.e. E1's and Packet Switch Networks i.e. Tunnel, PWE3, EPL, EVPL, EPLAN and EVPTREE Services for 4G, 3G & 2G services, NGN, High Speed Internet (HSI), IPTV, VOIP on NG-SDH and MPLS-TP over PTN Network. I have also performed Power Debugging of Lambda's for IP-MPLS, Pakistan Internet Exchange (PIE), Broadband Remote Access Server (BRAS), and NG-SDH services on **WASON** Based DWDM network.

EXPERIENCE (11 Years)

Technical Director-PTCL CG (Huawei Tech (Pvt.) Pakistan) (Sep 2017-Current)

Responsibilities:

- Leading a team of 40 members including Technical Engineering staff and Subcontractors.
- Managing **bidding RFP/RFQ, contractual Scope of Work (SOW), contractual Statement of Compliance (SOC)**, detailed design of products, overall **project forecast cost** including subcontractor cost, risk cost and HR cost in Projects roll out phase.
- Responsible for high level managerial meetings, project delivery agendas, pre-sales, warehousing and revenue forecast/triggering, making of **Work Break down Structure (WBS), Responsibility Matrix (RM) and Project Implementation Plan (PIP)** in accordance with contract clauses.
- I have been assigned with the role of engaging with customer regarding projects kickoff meetings, project delivery strategy, daily/weekly reports and weekly meetings presenting project overview
- PTCL MPLS-TP 100G PTN Project deployment in Karachi Metro Network.
- PTCL 600 MSAG Project deployment.

Team Lead Transmission-PTCL CG (Huawei Tech (Pvt.) Pakistan) (Aug 2014-Sep 2017)

Responsibilities:

- Managing a Technical team of 5 Engineers of Huawei and 3 Subcontractors having a team of total 15 Technical Engineering staff.
- Overall responsible for Project delivery, Team Building and customer relations.
- I have been involved in issuance of PAC documents and approval of ATP's from customer.
- Worked on Huawei MPLS-TP Frame Contract with PTCL.
- Worked on 400G NG-WDM OTN based network in Project as POC (Proof of Concept) to PTCL.
- Worked on **PTCL-AFTEL international connectivity project.**
- Worked on PTCL Long Haul DWDM Expansion from 40G to 80G system.
- Worked on different projects of PTCL ensuring High Bandwidth demands of Ufone and Zong.
- Worked on different products of DWDM, Hybrid MSTP and SDH like OSN 8800, BWS 1600G, OSN 6800, OSN7500II, OSN 3500, OSN 1500 and OSN 550.
- Worked for packet services of 3G and 2G configuration for Ufone Pakistan.
- Involved in Power debugging of DWDM.
- Perform Tunnel and PWE3 service configuration for 3G Packet services of Ufone.
- Extensive hands on experience using U2000 software for Transmission Products.

**Team Lead Transport Networks
ZTE Pakistan (Telenor Project)
(Sep. 2012-Aug. 2014)**

Responsibilities:

- Team Lead DWDM Transport Networks DWDM and NG-SDH for Telenor-MS at Telenor Back Office.
- Define SOP's and SLA for MS of Transport Networks.
- Achieving and maintaining KPI's as per defined SLA of Transport Network
- Provide Level-2 support for fault Handling.
- Performing O & M for DWDM and NG-SDH all over Pakistan.
- Perform Power Debugging of DWDM Network.
- Configuration of EPL, EVPL and EVPTREE services on NG-SDH Network.
- Define WASON based protection for IP-MPLS on DWDM Network.
- Having hands on experience using U31 software for Transmission Products.

**Customer Support Engineer
ZTE Pakistan (SDH/DWDM)
PTCL/ZONG Project
(Mar 2009-Aug-2012)**

Responsibilities:

- Operation and Maintenance activities of Transmission (SDH/DWDM) on NMS which involve problem handling of the customer (PTCL, ZONG) providing level 2 and level 3 support.
- Process the call logs and maintaining KPI which have been issued by Customer Service Center (CSC) Pakistan/China.
- Vast work experience in Operation and Maintenance of Long Haul DWDM/SDH Network and Metro DWDM/SDH Network.
- Configuration of EPL, EVPL and EVPTREE services on SDH Network.
- Configuration of Broadband Services Like NGN, High Speed Internet, IPTV, VOIP connecting through Pakistan Internet Exchange(PIE), Broadband Remote Access Server(BRAS), DSLAM's, ONU's on SDH and DWDM Network
- Involved in configuring media for "Abis" and "A" interface and define protection i.e. MSP and SNCP in ZONG.
- Having hands on experience using E300 software for Transmission Products.

**Transmission Engineer
ZTE Pakistan (SDH/DWDM)
(April 2007-Feb. 2009)**

Responsibilities:

- I have been involved in Project Execution of SDH and DWDM projects in PTCL, ZONG.
- Extensively involved in defining the network topology/IP scheme of Optical Fiber System.
- I have supervised the delivery and installation of systems and performed commissioning/PAT of SDH and DWDM network.
- Performed acceptance tests like receiver sensitivity, 24 hour Bit error rate (BER), jitter performance, automatic protection switching(APS) using ANT 20 system of SDH system.
- Performed acceptance tests like wavelength measurement, OSNR, SMSR, receiver sensitivity using OSA (optical spectrum analyzer) for ZTE DWDM system.
- Performed discrepancies removal of system and involved in BOQ reconciliation.
- Involved in issuance of PAC and FAC from the customer.

EDUCATION

Master of Science in Telecommunication Engineering (2012-2014)	University of Engineering and Technology Peshawar
Bachelor of Engineering in Telecommunication (2003-2007)	Institute of Engineering and Technology Lahore (AIOU Islamabad)
Intermediate(Pre-Engineering) (2000-2002)	Board of Intermediate & Secondary Education Sargodha, Pakistan
Matriculation (Science) (1999-2000)	Board of Intermediate & Secondary Education Sargodha, Pakistan

TECHNICAL SKILLS

Microsoft Office	<div><div></div></div>
U2000 Server (Huawei Technologies)	<div><div></div></div>
U31 Server(ZTE)	<div><div></div></div>
E300 Server(ZTE)	<div><div></div></div>
Ethernet tester(JDSU/Smart Bits)	<div><div></div></div>
Optical Spectrum Analyzer(JDSU/Acterna)	<div><div></div></div>
ANT 20 SDH Analyzer(Acterna)	<div><div></div></div>
OTDR(JDSU/Acterna)	<div><div></div></div>

DISTINCTIONS

- Awarded as Excellent Delivery and Service Engineer for the Year 2016 by Huawei Technologies.
- Awarded as Best Transmission Team for Project delivery of PTCL 40 to 80 Platform upgrade Project in 2016 1st half for Network Safety Awards by Huawei Technologies.
- Awarded as Best Technical Team Lead in 2015 2nd Half (Final) Appraisal by Huawei Technologies.
- Nominated as Best New Employee of 2014 by Huawei Technologies.
- Awarded as Best Technical Professional of 2011 by ZTE.
- Awarded as Best Team Player in 2008 by ZTE.
- Got Appreciation over email from Executive Vice President (Central) and General Manager (Technical) Multan for Best Fault handling and restoration of IPTV services in Multan Metro Network of PTCL.
- Got Appreciation letters from Project director Transmission (ZTE) on outstanding fault handling (O&M) of DWDM Network of China Mobile Pakistan and successful completion of Project.

TRAININGS

- Two Weeks Training on **“NG-WDM Product Advance Training”** (May 11-22, 2015), Huawei Technologies (Pvt.) Limited Shenzhen P.R China.
- ZXONM E300 Unified EMS, ZXMP S380/S390 ZXMP S385 SDH and ZXWM M900 (Aug 3 -15, 2007), ZTE Blue Area Islamabad.

CERTIFICATIONS

- Registered Member of Pakistan Engineering Council (Reg. No. TELE/1368)
- Certified as Level-3 Expert for Optix+MW by Huawei Technologies.
- Certified for Cyber Security for Service Work by Huawei Technologies.

LANGUAGES

Languages	Written	Reading	Conversation
English	Fluent	Fluent	Fluent
Urdu	Native	Native	Native
Arabic	Good	Good	Basic

REFERENCES

Will be provided if required.