

## **RUBELIO D BALCITA LEAD TELECOMMUNICATIONS AND DATA ENGINEER**

### **Personal, Educational and Language Details:**

Filipino Electronics and Communications Engineer, graduated BSc in Electronics and Communications in 1993 from Saint Louis University, Philippines with more than 26 years continuous professional experience as telecommunications and data engineer and over 11 years in the Middle East. Mother tongue is Filipino and fluent in written and spoken English.

### **Key Skills:**

Over 26 years' experience and with a high level of expertise and recognised proficiency in planning, design, engineering and implementation of the following systems: microwave technology; FTTX technology; voice/ IP telephone systems; data/IP systems; CATV/MATV/SMATV systems; building automation systems; network based CCTV/security systems; IP-Clock /Bell systems; nurse call systems; public address; and audio visual systems.

### **Experience:**

#### **2013-present: Fahd Alireza Engineering Consultants, Saudi Arabia – Lead Telecommunications and Data Engineer:**

Lead Telecommunications and Data Engineer responsible for all telecoms and data aspects of projects in the Al Khobar office. Wide ranging and in-depth knowledge, skills, experience and proficiency in planning, design and implementation of microwave technology, FTTX technology, voice/IP telephone systems, data/IP systems, CATV/MATV/SMATV systems, building automation systems, network based CCTV/security systems, IP-Clock /Bell systems, nurse call systems, public address and audio-visual systems. Proficiency in AUTOCAD 2D & 3D, Revit MEP 2013, PC software/hardware installation and Internet application tools. Knowledge and experience with cutting-edge communications and broadband cable TV networks. Knowledge in video/audio editing using DV 500 software, encoding line ads thru script writer and designing TV billboard thru MS office Power point. Advanced proficiency in the use of Frequency Spectrum Analysers, Wavetek Signal Level Meter (MicroStealth MS 1200), OTDR documentation and testing, Acterna SLM (MicroStealth MS 1400), Frequency Indicator and Multi-meter Testers Fluke 112 True RMS. Customer-oriented, innovative, motivated, goal-oriented and self-starter. Projects undertaken for Royal Commission of Jubail and Yanbu, SABIC and others include: Construction of Villas in Jalmudah; Dareen East Beach Development; Construction of family apartments in Jalmudah- Phase 4; urban planning and site preparation development for Educational Facilities; Apartment Buildings (641-C28); Secondary Infrastructure & Construction of 310 Villas; Environmental & Concept Studies of Inside City Park Phase-1; Secondary Infrastructure & Construction of 144 Family Apartments in JIC; Improvements of TS-4, TS-6 & TS-7; Secondary Infrastructure & Construction of 392 Family Apartments; Development of Jalmudah Shoreline; Chilled Water System Connection for Existing Jubail Industrial College; Primary & Secondary (Infrastructure) design of 350 Hectares housing project; Design of 2600 Housing Units in Al Jubail.

#### **2008-2013: Al Naim Consultant, Saudi Arabia, – Senior Engineer:**

Telecom design engineer responsible for buildings and outside plant facilities such as RC projects: sports centre, schools, dormitory, library, courthouse, hospitals/clinic, commercial buildings, warehouse, mosque and upgrade CATV to fibre in Jubail area. Other projects included Al Waha Mall, Armoured Vehicle Factory, Al Mana Hospital-Jubail, Ministry of Water Building - Hofuf and Stadium - Saudi Oger, Riyadh. Services provided included: telephone/voice systems (PABX, VOIP); data systems (TCP/IP, LAN/WAN, WLAN); network based CCTV system; CATV/IPTV systems; satellite TV systems; nurse call systems; public address systems; audio/visual systems; IP-clock/bell systems; building automation systems; IP- door access systems; telecommunications site works FTTX, HFC & wireless communications. Specific responsibilities included engineering design evaluations and coordinate project engineering design; recommending alterations to development and design to improve quality; engineering analysis of projects to include: preliminary design, budget analysis, calculations, life cycle costs, and equipment selection; conducting surveys to gather field data; preparing drawings, layouts, and other visual aids; preparing technical specifications; compliance with applicable codes, standards, and good practice; field inspections as part of QA process; coordinating design activities; project schedules, budgets and fees.

#### **1996-2008: SKY Cable, Philippines – Engineer:**

CATV Engineer for Head-End and outside plant facilities: (Pangasinan wide, Baguio City and Agoo, La Union) CATV/SMATV/MATV Plant Maintenance Engineer as Head-End Engineer. Hybrid Fibber-Coaxial (HFC) Design Engineer.

#### **1993- 1996: Lebanese Modern Construction, Saudi Arabia – Senior Electrical Engineer:**

Supervision of the electrical installation of various residential, commercial and industrial projects and responsible for maintenance on some completed projects.