

Roberto C. Santiago

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SUMMARY OF QUALIFICATIONS

- More than 30 years experience in managing and delivering engineering projects, from planning, procurement, implementation, commissioning, and handover to the customer
- Strong background in telecom projects and power projects
- Professional English communications skills (listening, conversing, writing, comprehension)
- Computer skills include proficient use of MS Office (Word, Excel, Powerpoint), and MS Project

PROFESSIONAL EXPERIENCE

Production Worker

Price Industries Limited, Winnipeg, Canada, 2024

- Involved in production/assembly of pallettes/crates for shipping products, domestic and international

Operations Manager

Powercom PNG Limited, Port Moresby, Papua New Guinea, 2009-2023

- Project managed and handled the implementation of PNG Kina 10M (1 Canadian Dollar = 2.82 PNG Kina) project for PNG Ports Corporation, upgrade of main switch board and installation of 35m pole retractable lights to improve their ports handling operation for 24 hours 7 days a week
- Project managed and handled the PNG Kina 8M Bemobile tower rollout for Lae Province. This included site developments, grounding, BTS installation, antenna installation, and generator installation
- Project managed and completed the removable flood control project in the Embassy of Japan in Port Moresby, within the agreed time frame on the contract and minimal disruption to the workplace
- Project managed and handled portion of the project worth PNG Kina 2M with Huawei rollout of 4G for Telikom PNG Ltd. The sites are located in Port Moresby and Madang Province
- Handled PNG Kina 1.8M worth of project with Ericsson for the Project Discovery of Digicel PNG Ltd. This consists of tower and microwave installation in Highlands Region
- Managing the operations of the company in terms of manpower allocations to simultaneous projects

Base Transceiver Station Audit Supervisor / Field Engineer

Motorola, Kuala Lumpur, Malaysia, 2009

- Perform the post installation audit check list for both microcell and macrocell for Telekom Malaysia sites (located all over Malaysia , i.e. Johor Bahru, Kota Kinabalu, Kuala Lumpur, Penang, Kuching) and making sure that details punch lists found, if any, will be given to the customer with the subsequent recommendation on how to fix it. This is for the purpose of system improvement for the network
- Prepare and submit the report on the activities, with proper documentation given to the customer
- Handled and trained group of representative engineers from the customer for every sites that we visit for the purpose of technical transfer for the site audit and operations and maintenance of the BTS

Telecom Coordinator

Ericsson, Dhaka, Bangladesh, 2007-2008

- Managed a group of 8-12 engineers in making sure that the day to day operations in the department are running smoothly, in terms of troubleshooting, normal rollout process, power-up of sites, handover/PAT with Managed Operations team
- In-charge for the Technical Site Survey Report (TSSR) on the RBS portion for Phase 1E project wherein candidates/options for each of 217 sites were visited to select the best suitable site by conforming with the TND/RND/Civil Works/Site Acquisition criteria
- Formulated processes for the group from TSSR (Technical Site Survey Report) to RFTI (Ready for Telecom Installation) to Integration/On-Air/PAT of sites for use by Telecom Installation supervisor

Base Transceiver Station Implementation Supervisor

Ericsson, Dhaka, Bangladesh, 2007

- Supervised on-site the rectification works for the RBS installation in Ericsson Bangladesh Warid implementation project Phase 1A. The sites were necessary to be rectified in terms of the workmanship as the initial antenna azimuths and downtilts and the feeder wirings of the equipments (RBS2106i and RBS2206) were found to be not up to the specifications during the rollout.

Base Transceiver Station Implementation Supervisor

Motorola, Dhaka, Bangladesh, 2006

- Supervised on-site the installation, commissioning and integration of sites for Phase 1A, consisting of 19 packet BTS (SC4812T-Lite @ 1900 MHz) using Integrated BTS Router. This includes installation of the BTS cabinet, rectifier cabinet, power cables, grounding bars, grounding cables batteries, 19-inch rack, span cable, alarm cable, flexible jumpers (1/2 inch), transmission cables (7/8 inch), BTS antennas, GPS antenna; commissioning; acceptance testing; integration of the BTS to the CBSC; and sign-off the results with the customer
- Helped in the site survey for a new GSM operator in Bangladesh (WARID), by making the decision on which sites can be a candidate, using the Search Area Ring criteria

Implementation Supervisor

Motorola, Dhaka, Bangladesh, 2005

- Supervised on-site the installation, commissioning, and integration for the mock-up BTS in the Chittagong region which becomes the model for the sub-contractors and ultimately the basis on all succeeding sites
- Supervised the on-site installation, commissioning, and integration of the succeeding sites after the mock-up site
- Supported the customer for their pre-commercial launch by making sure that all the field engineers are able to do their PAT (Provisional Acceptance Test) for their sites

Lead Engineer – Base Transceiver Station Implementation

Motorola, Bangkok, Thailand, 2001-2004

- Supervised on-site the initial installation, commissioning, and integration of the new sites, and later on trained the other engineers for the rollout
- Responsible for the procedures being used by the Implementation Team for their Acceptance Test Procedure/Integration Test Procedure activities for 1X/EVDO
- Responsible for Method of Procedures (MOP) for various upgrades in the network, i.e. 3rd carrier upgrade, 4th carrier upgrade, EVDO upgrade, expansion frame upgrade

Team Leader – Base Transceiver Station Implementation

Motorola, Makati, Philippines, 1996-2001

- Performed as Team Leader BTS Implementation for Pilipino Telephone Inc. (Piltel) account, the biggest cellular company in the Philippines at that time, for engineering department and able to roll-out AMPS and CDMA system (IS-95) in Metro Manila and various parts of the country
- Responsible for the on-site installation, commissioning, and integration of the expansion CDMA carrier overlay to the existing analog network
- Able to manage at least 8 people in the team for deployment/support overseas of other Motorola markets
- Supported other overseas Motorola accounts like Singapore (M1), India (Reliance proposal), Bangladesh (PBTL), Australia (Telstra, LMDS Trial), Guam (GuamCell), American Samoa (American Samoa Telecommunication Authority)

Supervisor - Operations

Nesic, Makati, Philippines, 1992-1996

- Performed as Supervisor for Project Operations Department
- Responsible for the transmission system design and configuration for PDH and SDH
- Field engineering support for PLDT X5-C roll-out
- Field engineering support for Digitel SDH roll-out
- Supported the Brunei JTB AMPS system by doing the drive test, local test, and operations and maintenance of the BTS for the customer
- Supported the Sri Lankan Telecom AMPS system by doing the drive test and local test of the BTS for the customer.

Technical Officer

Express Telecom, Makati, Philippines, 1989-1992

- Performed as Technical Officer for the Customer Subscriber Service Department, in-charge for the programming/testing/validation of cellular phones (AMPS) into the system
- Responsible for the installation of car phones for the customer
- Interact and answer the technical questions raised by the subscribers to the customer care representative regarding the phones

PROFESSIONAL MEMBERSHIP

- Papua New Guinea Institute of Directors, admitted 2015
- Papua New Guinea Institute of Engineers No. 3828, admitted 2010
- Philippines Electronics and Communications Engineer No. 4939, admitted 1989

TRAININGS ATTENDED

- Directors Development Training Course, 2015, Port Moresby, Papua New Guinea
- Erico Sales Presentation, Earthing and Surge Protection Products, 2011, Sydney, Australia
- Deutz Generators Basic Service Maintenance and Servicing, 2010, Port Moresby, Papua New Guinea

EDUCATIONAL ATTAINMENT

- Bachelor of Science in Electronics and Communications Engineering
Pamantasan ng Lungsod ng Maynila (PLM), University of the City of Manila, 1983-1988
- Master in Business Administration (MBA)
Philippine Christian University, 2022-2023

REFERENCES

Available upon request