ROMBA APIS

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**PROFESSIONAL SUMMARY**

Astute strategist, planner and manager with business acumen who is skilled in leading projects, engineering, operations and maintenance teams to achieve desired outcomes.

A decision maker and problem solver with a base of technical and interpersonal communication skills applied within business context.

**AREAS OF EXPERTISE**

* Engineering management
* Project Management
* Project Engineering
* Operations Management
* Maintenance Management
* Maintenance Planning & Scheduling using SAP and Ellipse
* Installation, commissioning and maintenance of Genset, Rectifiers, UPS, Solar Power, Batteries, Grid AC.

**WORK EXPERIENCE**

**Telikom PNG Ltd,** Port Moresby **22 Jun 2017 – 18 April 2018**

**MANAGER POWER PROJECTS**

*Led projects team in construction, installation and commissioning of telecom power systems comprising of diesel generator sets, Rectifier systems, UPS, Solar Power, Batteries and Grid Electricity supply to Telikom sites. Tasks were centered on ensuring that projects were delivered on-time, within-budget, and conforming to required standards.*

* Completed 90% of targeted grid electricity connection to new Telikom sites
* Achieved 95% compliance to Technical Codes & Standards by contractors engaged on power projects
* Achieved 70% Installation, Testing and commissioning of power systems to new sites nationwide
* Slashed 30% of CAPEX for power projects by negotiating with contractors for best price
* Delivered 95 % priority projects (4G GSM & HCN P4) on time and within budget

**Telikom PNG Ltd,** Port Moresby **31 Aug 2016 – 22 Jun 2017**

**MANAGER POWER SYSTEMS**

*Managed a team of engineers, mechanics and electricians in performing planned and unplanned operations and maintenance (O&M) services to ensure that reliability and availability of Telecommunication Network power systems and infrastructures were properly maintained. Carried out operations and maintenance according to approve baseline were implemented, tested, and documented in accordance with approved NOC procedures. As O&M manager, was responsible for formal tasking, scheduling assignment, training, and overall management of the team.*

* Develop maintenance plans and service schedules
* Coordinated between NOC and maintenance teams to attend breakdowns to reduce downtime
* Client connections and networking for efficient operations and maintenance support
* Coordination and management of staffs and contractors
* Maintained operational cost discipline in saving more than K2m (>20% of total 2017 budget).
* Slashed OPEX budget by negotiating with service providers for best price
* Ceased high cost service support (from UMW) for FG Wilson generators and recruited their best mechanics for service continuity to TPNG
* Rectified design flaw on HCN P4- P5 Huawei generator’s fuel system eliminating constant network failure
* Re-engineered unification of dual genset fuel tanks setup on HCN sites into one unit for fuel sharing
* Initiated replacement of Power Wizard Controller on FG Wilson generators with DSE7420 for direct remote control to genset instead of the unreliable Eltek power control system*.*

**Telikom PNG Ltd,** Port Moresby **25 Jan 2016 – 22 Jun 2017**

**POWER SYSTEMS ENGINEER**

*Coordinated and involved in installations, commissioning and maintenance of power systems comprising of diesel generators, rectifiers, solar power and extension of grid electricity to Telikom sites. Well versed in remote control & monitoring of power systems via Powersuite (Eltek Control software), NetEco (Huawei control software), Netguardian, Deepsea Electronics (DSE) controller. Specific tasks included servicing, calibration and reconfiguration of system control parameters on above software.*

* Commissioned power systems (Genset, rectifier, solar power, grid supply) on various setups that included grid-gen, gen-gen, and solar-gen on TPNG’s High Capacity Network (HCN – P3).
* Detected and rectified configuration flaws on 3x major Radio Networks during project installation. These included calibration and configurations for: fuel level, rectifier output capacities, and lower generator runtime to minimize fuel consumption.
* Created an Equipment Register of all power systems deployed throughout PNG (ongoing) for planning and maintenance purposes.
* Reduced Network downtime by ensuring power systems equipment integrity and reliability.
* Detection of imminent failures by maintaining vigilance on major TPNG power network on daily basis for abnormal operation and escalation to management for restorations.
* Transportation of power system failure alarms via email alerts to mobile devices of key decision makers for action

**Newcrest Mining Limited,** Lihir Island **18 March 2013 – 20 Jan 2016**

**MAINTENANCE PLANNER/ SCHEDULER**

*Attached to the mine’s Mobile Fleet Maintenance and responsible for planning and scheduling functions over three main workshops. Equipment ranged from cranes, telehandlers, forklifts, EWPs, welding machines, mobile generator sets, compressors, lighting plants, tractors, trailers, Light trucks, buses and light vehicles.*

* Attained 90-100% weekly KPIs as a result of sufficient planning, better utilisation of manpower capacity, optimisation of equipment availability and uptime. All these achieved at minimum costs.
* Liaised with purchasing and supply departments and materials controllers on parts availability for upcoming planned maintenance works and expediting of materials.
* Coordinated with maintenance teams on equipment availability status & maintenance work programs.
* Reviewed and schedule planned work orders, chair weekly planning meetings and providing feedback on schedule completion
* Critical data analysis & investigations resulting in detection of discrepancies in hour-meter readings prompting inaccurate service being called.
* Optimise maintenance budget by crediting unused spares and parts back to stock.
* Maintenance planning and scheduling in SAP

**Newcrest Mining Limited,** Lihir Island **23 Jan 2012 – 20 Jan 2016**

**SCHEDULING & REPORTING ENGINEER – NCA1 (CIL) Tank Refurbishment Project**

Engaged on the NCA1 Refurbishment Project that included decommissioning of the entire Neutralisation, Carbonisation and Acidification (NCA) system for the mine’s processing plant and its reconstruction. Liaising with all supervisors and responsible stakeholders on work progresses, materials expediting for daily updates and weekly schedule reporting to the Project Manager – Kramer Ausenco in Brisbane office.

Other tasks on that project included;

* Assisted Project Engineer on P&ID identification for decommissioning, Superstructures assessment for refurbishment/ replacement. Involved with NDT team with scanning of NCA tanks for deterioration & corrosion and recommendation.
* Assisted Project Cost Controller on cost estimating, budget control, cost forecasting**,** cost reporting and cost risk analysis and reporting to Project Manager.

**PRIOR EXPERIENCES**

Telikom PNG Ltd, Port Moresby 24 Jan 2011 – 15 March 2012

**Senior Technical Officer**

Telikom PNG Ltd, Port Moresby 14 Jun 2010 – 21 Jan 2011

**Mechanical Engineer**

Telikom PNG Ltd, Port Moresby 11 Jun 2007 – 11 Jun 2010

**Graduate Engineer**

British American Tobacco PNG Ltd, Madang 29 Nov 2006 – 08 Jun 2007

**Casual Maintenance Trainee**

Markam Culverts, Lae

**Student Trainee**

Department Of Works,Lae

**Student Trainee**

**TECHNOLOGY SKILLS**

MS Office tools, SAP, Ellipse, Powersuite (Eltek’s power software), NetEco (Huawei’s power software), Netgurdian, DeepSea Electronics, AutoCAD.

**EDUCATION**

University of Technology

**Bachelor’s Degree in Mechanical Engineering**

Passam National High School

**Higher School Certificate**

**CONTACT INFORMATION**

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