	Organization Qualified and skilled Team. (QAST)		Power Planning & Implementation Engineer Job Description	Number	
	Owner MP&E-Engineering	Approved by	24th August 2024	Version 1.0	
	THIS DOCUMENT IS (SPECIFY INFORMATION CLASSIFICATION TYPE HERE) TO QAST				


Version	Date	Designed by	Reviewed by	Approved by	Signature	Version Update
V 1.0	10 th June	Rania Shibir	MP&E Director	MP&E Director		

Job Description

Department/Section:	MP&E-Engineering
Job Title:	Power Engineer
Reports to:	Power Planning & Implementation Team Leader

<p>Key Tasks/Accountabilities:</p> <ol style="list-style-type: none"> 1. Carry out all planning activities to ensure consistent corporate and customer network power requirements that have UPS. 2. Liaise with suppliers and vendors on network power requirements to support the agreed network operational and expansion demands. 3. Produce input electrical, transmission, and switch drawings and blueprints, etc., demonstrating requirements against current and future business expansion. 4. Liaise with CAD specialists on blueprints for site power to reflect an accurate architecture for other technicians to be able to follow. 5. Coordinate changes to all plans and blueprints for internal reference as well as for the planning and safety municipalities. 6. Liaise and coordinate the installation of all network projects to ensure consistency of approach and quality of installation that follows the installation blueprint and conforms to international and local installation standards. 7. Carryout Coordinate quality checks on all installations 8. Liaise and coordinate with contractors and vendors on all power installations to ensure that they comply with Telecommunication's agreed plans, policies, and procedures. 9. Coordinate regular and ad-hoc inspections and fault rectification maintenance checks. 10. Liaise closely with internal customers to ensure that planned outages to networks and IT systems minimize the risk of destabilization to the business. 11. Manage relationships and agreements with contractors, suppliers, and partners.
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12. Ensure compliance with all applicable policies & regular requirements on Information Security.

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13. Be aware and capable of executing contingency plans in the event that they are required to mitigate risks/issues as the Telecommunication network expands and the business grows

13. Ensure quality, accuracy and effectiveness of Switching and Fault detection/rectification reporting and site equipment.

Typical Performance Measures:

- Accuracy of install-base blueprint
- Consistency of install quality and reliability
- Efficiency of network planning
- Effectiveness of site support
- Efficiency of operational readiness
- Quality of relationships with internal customers/suppliers
- Effectiveness of issue resolution/decision making/change control and risk management
- Delivery of outcomes to agreed quality standards and deadlines
- Adaptability of work plans/resources in response to change
- Efficiency and effectiveness of strategic planning
- Consistency and Quality of network maintenance to reduce downtime and revenue loss


Dimensions:

- Reports to the Power P&I Team Leader.
- Coordinates plans to support the expanding demands of the network
- Provides support activities around planned network outages and maintenance periods
- Provision of Engineering coordination support to ensure high network availability.
- Responsible for company assets such as vehicles, IT equipment, and PC's

PERSONAL SPECIFICATION

Qualifications/Experience:

- Mobile Telecommunications background desirable
- Should have a previous strong track record of success in planning activities in a multi-site, expanding business
- Should have a previous strong track record of success in implementing Project activities in a multi-site, expanding business
- Professional qualification preferred – BSC in Electrical Engineering/Telecommunications etc

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Knowledge:

- road understanding of the Mobile Telecoms industry.
- Good understanding of the Sudan market and the Telecommunication business strategy, goals, and competitive environment
- In-depth knowledge of planning and system audit tools and methodologies.
- Excellent understanding of developing diagrams and installation blueprints
- Understanding of the relevant regulatory, legal, and other contextual factors impacting the successful management of network projects within the Sudan market
- Understanding of GSM network mobile operations, products, and services

Skills:

- Ability to create and interpret drawings and specifications
- Cooperative/collaborative interchange with external network suppliers and vendors
- Leadership/management skills within a matrix management environment
- Conflict handling and resolution skills
- Highly developed communication and reporting skills (verbal and written)

Key Behaviours for Success

- Analytical Thinking and Problem Solving
- Investigative/Diagnostics
- Forward Planning
- Results Driven
- Concern for Standards/Efficiency
- Being Collaborative
- Tenacity, Resilience and Self-Management
- Mobility within the country and outside