



(EXTERNAL ADVERTISEMENT)

DIRECTORATE: ENGINEERING SERVICES
DIVISION: ELECTRICAL SERVICES
SECTION: METERING, QUALITY OF SUPPLY AND CUSTOMER SERVICES
LOCATION: WORCESTER

ENGINEERING TECHNICIAN (PERMANENT)

BASIC SALARY: R 319 894.10 – R 415 242.24 per annum [T11]

TOTAL COST TO COUNCIL: R 468 704 – R 591 630 per annum

(Inclusive of Municipal benefits: Group Life Scheme, Pension Fund etc.)

Ref: ES/ETS06/0124

Job Purpose: Apply engineering knowledge and perform technical support associated with Bulk Metering, Embedded Generation and Quality of Supply installations, network projects, reticulation diagnostics and data analysis in accordance with laid down standards, policies, legislation, systems and controls within the distribution jurisdiction (license domain) of Breede Valley Municipality.

Duties: Prioritize work orders according to assets, maintenance category and schedule frequency on Computerized Maintenance Management System • Allocate specific meter installation work activities (new installations, condition assessments, upgrades, functional tests) to authorized service providers • Coordinate specific maintenance & installations (new installations, modifications, repair, etc.) activities / tasks as per departmental procedure • Perform dedicated / routine quality control inspections on all electrical installations and constructions pertaining to bulk service metering, power quality and embedded generation on reticulation infrastructure and support structures in compliance with SANS 10142 and NRS 057 as per municipal procedure & policies • Monitor condition assessments of projected & existing installation outlay, network infrastructure, condition monitoring equipment, etc. • Assess regulatory compliance on Small Scale Embedded Generation (SSEG) installation proposals and existing installations (inverter types, Undisturbed Power Supply (UPS), Direct Current (DC) switch gear, etc.) to ensure adherence to municipal policies and relevant legislation • Conducting inspections to determine extent of compliance or variations from contractual agreements, specifications and standards • Prioritize scheduled project tasks / activities allocated by immediate superior • Perform assigned site inspections and acquire critical installation / construction parameters • Formulating concept plans for elementary / basic types of electrical engineering works • Perform maintenance works programming for all Bulk Metering, Quality of Supply (QoS), Small Scale Embedded Generation (SSEG) infrastructure and related Engineering Projects • Coordinate the maintenance of authorized service providers for bulk Current - and Voltage Transformer metering installations - LV and MV installations (Key Industrial & Commercial Customers) • Programming of bulk metering & data acquisition equipment to departmental approved parameter settings • Perform bench and onsite verification testing and calibration of post-paid Voltage Transformer & Current Transformer operated meters • Perform installation inspections on residential / commercial SSEG and QoS apparatus & systems to ensure compliance to municipal policy and national legislation • Allocate work orders to various status descriptions pertaining to service providers

(in – progress, awaiting approval, awaiting payment, etc.) • Review of the section's procedures, systems and controls related to the receiving, updating and recording of operational information and associated functionalities (information storage and retrieval systems, etc.) • Assess commissioning and de-commissioning documents of completed Bulk Metering, SSEG and QOS installations (from various contractor / service provider projects – LV / MV / HV Metering & QOS) • Compile monthly engineering report to immediate superior (on electrical network analytics with the aid of QoS measurement & diagnostic smart grid infrastructure, revenue enhancement audits, credit control disconnections / reconnections, OHS Act safety inspections, etc. in accordance with legislation) • Interact with interdepartmental and external stakeholders e.g. internal and external personnel (government, other municipalities), public, service providers, property owners, developers, etc. on routine and complex issues • Compiling specifications to obtain quotations and tenders via the appropriate procurement processes on instruction from immediate superior • Submitting all completed vehicle log sheets to the immediate superior for authorisation • Perform incident investigations as per OHS Act legislation as directed by the immediate superior and prepare remedial action reports for future preventative measures

Minimum Requirements:

- A relevant National Diploma in Engineering.
- Computer literacy: MS Office, Geospatial, Drawing, AMI Software
- 3 - 5 years' relevant experience.
- Code B Driver`s Licence
- Proficient in at least 2 of the 3 official languages in the Western Cape

Preferred Requirements:

- Bachelor's degree in electrical engineering
- Wireman License (SANS 10142)
- Accredited Level 4 Metering Training
- Valid Crane Operator / Cherry Pricker Certificate
- 5 years relevant experience

Competencies: *(For a detailed description of competencies, read competency level 2 from page 188 - 201 of the Competency Framework on our website / on this link- <https://bvm.gov.za/download/municipal-staff-regulations-competency-framework/>)*

Core Professional Competencies: Planning, Organisational Awareness, Attention to Detail

Functional Competencies: Design, Project Management, Construction, Operations Maintenance.

Public Service Orientation Competencies: Interpersonal Relationships, Service Delivery Orientation, Communication,

Personal Competencies: Action & Outcome Orientation, Resilience, Change Readiness, Cognitive Ability, Learning Orientation, Accountability & Ethical Conduct.

Management / Leadership Competencies: Impact & Influence, Team Orientation, Direction Setting, Coaching & Mentoring.

PLEASE NOTE: *Please read the below conditions carefully, only those who comply with the conditions will be considered*

1. No late applications will be considered.
2. The Municipality is an equal opportunity employer and as such will observe the requirements of the **Employment Equity Act** and its **EE plan**
3. **Only online applications will be accepted via the link: <https://bvmjobs.mcidirecthire.com>**
4. **When applying via the link above please ensure that you fill in all required fields.**
5. **Also attach an updated CV (Including details of at least three (3) contactable WORK REFERENCES and the relevant numbers), certified copies of qualifications, and covering letter.**
6. Any candidate appointed at the **Breede Valley Municipality** will sign an employment and performance agreement subject to probation per the Local Government: Municipal Staff Regulations.
7. Candidates will be subjected to practical examination.

8. Candidates will be subjected to medical examination.
9. **For enquiries contact the Human Resources Office at 023 348 4961** or by email address: jobs@bvm.gov.za
10. Canvassing with Councillors or any other decision-maker is not permitted, and proof thereof will result in disqualification.
11. Fraudulent qualifications documentation will immediately disqualify any applicant.
12. If you have not heard from us within sixty (60) days of the closing date, please accept that your application has been unsuccessful.

All applications should reach us by **09 February 2024 at 13:00**.

The Municipality reserves its right not to make an appointment.