

DIRECTORATE: ENERGY

POSITION : SENIOR ENGINEER GEOTECH
SECTION : ENERGY
REFERENCE : ENE/GEO/04/11/24
REMUNERATION :IN ACCORDANCE WITH JOB LEVEL 4 OF
MERAFONG CITY LOCAL MUNICIPALITY (R 539 011.89 PER ANNUM,
EXCLUDING BENEFITS)

REQUIREMENTS: Grade 12 • Computer Literacy; MS Office • A relevant BEng or BSc (Eng) Engineering Degree and eligibility for registration as Professional Engineer • 5-8 years relevant experience post registration • A valid code driver's license.

RESPONSIBILITIES: Leading all aspects of the mine geotechnical monitoring programs, provide support for analysis and design, and implement continuous improvement measures. • Apply geotechnical expertise to rock slopes, waste dumps, blast vibration analysis, soil slopes and foundations, along with water retention structures. • Researching and studying soil to evaluate its suitability for foundations. • Investigating and assessing construction sites, conduct lab tests, create designs for structures, supervise construction, and write and present reports. • Leading all project management tasks such as developing budgets and scopes, client billings, field report reviews, contract reviews, and proposal development. • Serving as a technical resource for clients and project staff; provides guidance and expertise to solve complex challenges. • Developing complete and accurate field reports, figures, tables, etc., that require minimal edits or revisions. • Reviewing deliverables from staff and mid-level employees such as field reports, calculations, analyses, etc. • Mentoring junior staff relative to technical skills, consulting best practices, etc. • Leading business-development activities such as identifying potential new clients, attending conferences or professional association meetings, etc. • Leading and/or coordinates the development and implementation of field exploration programs and construction projects. Ensures that work performed is consistent with project plans and specifications and in accordance with safety guidelines. • Completing engineering analyses and calculations. Develops complex conceptual models (i.e. numerical modeling, hydraulic/hydrologic modeling, etc.). • Completing complex spatial analyses (e.g. contours, clipping, buffering). • Developing project deliverables related to GIS data such as maps, database organizations, etc.

COMPETENCIES: COMPETENCIES: Core Professional Competencies • Planning • Attention to Detail • Influencing • Organisational Awareness • **Functional Orientation Competencies** • Design • Project Management • Construction • Operations and Maintenance • **Public Service Orientation Competencies** • Interpersonal Relationships • Communication • Service Delivery Orientation • **Personal Competencies** • Action and Outcome Orientation • Resilience • Change Readiness • Cognitive Ability • Learning Orientation • Accountability and Ethical Conduct.