



## water & sanitation

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**

DEPARTMENT OF WATER AND SANITATION  
CLOSING DATE: 10 NOVEMBER 2023

NOTE: Interested applicants must submit their applications for employment to the address specified on each post. Applications must be submitted using the newly implemented Z83 form obtainable on the Department of Water and Sanitation's website, under career opportunities or the DPSA website, under vacancies in the Public Service (point 4) and should be accompanied by a comprehensive CV (with full particulars of the applicants' training, qualifications, competencies, knowledge & experience). All required information on the Z83 application form must be provided. Other related documentation such as copies of qualifications, identity document, driver's license etc need not to accompany the application when applying for a post as such documentation must only be produced by shortlisted candidates during the interview date in line with DPSA circular 19 of 2022. With reference to applicants bearing professional or occupational registration, fields provided in Part B of the Z83 must be completed as these fields are regarded as compulsory and such details must also be included in the applicants CV. For posts requiring a driver's license, annotate such details on CV. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. A SAQA evaluation certificate must accompany foreign qualification/s (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. Candidates will be required to complete a financial disclosure form and undergo a security clearance. Foreigners or dual citizenship holders must provide a police clearance certificate from country of origin (only when shortlisted). The Department of Water Sanitation is an equal opportunity employer. In the filling of vacant posts, the objectives of section 195 (1) (i) of the Constitution of South Africa, 1996 (Act No: 108 of 1996) the Employment Equity imperatives as defined by the Employment Equity Act, 1998 (Act No: 55 of 1998) and relevant Human Resources policies of the Department will be taken into consideration. Correspondence will be limited to short-listed candidates only. If you do not hear from us within three (3) months of this advertisement, please accept that your application has been unsuccessful. Faxed or emailed applications will not be considered. The department reserves the right not to fill these positions. Women and persons with disabilities are encouraged to apply and preference will be given to the EE Targets.

POST: ENGINEER PRODUCTION GRADE A – C REF NO: 101123/01

BRANCH: INFRASTRUCTURE MANAGEMENT: HEAD OFFICE DIR; MECHANICAL AND ELECTRICAL ENGINEERING SD: MECHANICAL ASSET MANAGEMENT

SALARY: R795 147 – R1 197 978 per annum (all-inclusive OSD salary) (Offer will be based on proven year of experience)

CENTRE: Pretoria Head Office

REQUIREMENTS: A Mechanical Engineering Degree (B Eng/ BSc Eng) or relevant qualification in Engineering. Three (3) years post qualification in Engineering experience is required. Compulsory registration with Engineering Council of South Africa (ECSA) as a professional Engineer. The disclosure of a valid unexpired driver's license. Experience in design/re-design engineering work, operating procedures, condition assessments and maintenance strategies are required, and your knowledge will be tested during the interview. Experience in the planning, design, and construction of water resources infrastructure projects. Extensive experience in project management. An understanding of the complete project life cycle from initial planning stages through to completion. Contract management experience. A detailed understanding of construction procurement processes. Experience in financial planning and financial management. Knowledge of project risk analysis and risk management. The ability to relate with associated professional fields in a multi-disciplinary team. Additional studies in Water Resources Engineering as recommended. High level communication skills both (verbal and written). Conflict management, contract dispute resolution and negotiation skills. Problem solving and analysis skills. Computer proficiency (such as MS Office, MS Projects, etc.). Must be able to work independently, be self-motivated, responsible, and reliable.

DUTIES: Manage and oversee all aspects of project implementation. Render mechanical engineering support to operations and maintenance. Address breakdowns and perform fault findings. Provide inputs into designs to ensure suitability for operations and maintenance. Develop and maintain asset management strategies and systems. Optimize the life cycle of mechanical equipment. Improve designs of mechanical equipment to solve practical engineering challenges and improve efficiency/reliability and enhance safety. Perform regular mechanical inspections and conditional assessments of mechanical equipment and machinery. Manage CAPEX programs for the refurbishment, rehabilitation, upgrades of existing mechanical infrastructure and emergency projects. Evaluate existing technical manuals, standard drawings, and procedures to incorporate new technology. Approve and supervise engineering works according to prescribed norms and standards. Develop tender specifications. Ensure training and development of

technical personnel to promote skills/knowledge transfer and adherence to sound engineering principles and code of practice. Manage the technical, environmental, contractual, risk, social and financial aspects of infrastructure development projects. Promote the department's interests in project implemented by external bodies. Ensure compliance with technical standards, legal requirements, timeframes, and approved budgets during the implementation of water resource infrastructure projects. Ensure the co-ordination and management of contracts with service providers on projects to ensure effective project implementation. Ensure the co-ordination of management of both external and internal stakeholders on the infrastructure projects. Manage the process commissioning of the infrastructure and handover to the Operations Unit. Provide leadership and direction on projects. Manage Human Resources and budgets allocated on projects to ensure efficient and effective project implementation. Promote transformation. Promote a culture of innovation and performance.

ENQUIRIES: Mr. JH van der Walt, Tel No: (012) 336 6781

APPLICATIONS: Pretoria (Head Office): Please forward your applicant quoting the relevant reference number to The Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to Delta Continental Building, Corner of Visagie and Bosman Street, Pretoria, 0001. For Attention: Planning, Recruitment and Selection Unit.