



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 8 March 2024

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, and 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 080324/04

BRANCH: PROVINCIAL COORDINATION AND INTERNATIONAL COOPERATION: EASTERN CAPE WATER RESOURCES PLANNING SUPPORT

SALARY: R 795 147 – R 1 197 978 per annum (All-inclusive OSD salary package) (Offer will be based on proven years of experience)

CENTRE: East London

REQUIREMENTS: An Engineering degree (B Eng. / BSc (Eng) or relevant qualification. Three (3) years post qualification engineering experience. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license. Management experience in field of Water Engineering or Water Resource will be an added advantage. Sound knowledge of integrated water resource management and water resource protection. Experience in Water Engineering field/Integrated Environmental Management (IEM) or Integrated Water Resources Management (IWRM)/Hydrology. Experience in Planning of Water Resources Management and/or Development Projects. Experience in undertaking studies in Water Resources Engineering, Water Resource Systems Analysis. Knowledge and understanding of hydrological modelling and relevant legislation applicable to the water sector (NWA, CARA and NEMA). Skills and experience in management of human resources. Excellent communication skills including verbal, report writing and presentation skills. Sound interpersonal skills as well as the ability to work in multi-disciplinary teams. Willingness to work outside of normal working hours and under pressure as well as travel within South Africa. Proven liaison and networking skills. Build capacity and mentor young water resources engineers/scientists. Resource management, hydrology, geohydrology, water quality, project management, engineering economics, environment and law are recommended. Experience in water resource planning related aspects such as economic and environmental impact assessments of projects, financing, institutional aspects, negotiation, and high-level communication. Key competencies on strategic capability and leadership, programme and project management, financial management, change management, knowledge management, service delivery innovation (SDI), problem solving and analysis, people management and empowerment, client orientation and customer focus, communication, accountability, and ethical conduct.

DUTIES: Analysis and development of water resources systems operating rules. Conduct analyses on water resource availability or requirement patterns and infrastructure capacity, among others, and develop appropriate system

operating rules and protocols. Water resources systems operating rules. Development of planning / operation models, decision support systems for water resource development / Management. Develop water resources planning / operation decision support systems (DSS) for the implementing Water Supply Programs. DSS for water resources planning operation analyses. Sound strategies and guidelines. Procedure of water resource development / management. Expert advice in Water Resources Planning / Operations. Liaise with WSA's and Institutions on Water and Sanitation Master Plan. Innovative techniques and inputs to Water Resource Development operational planning and management. Improvements in the optimal management and development of operation water resources. Development of business plan. Develops annual business plans and budget for the sub-directorate systems operation and or system analysis. Contribute to business plans of directorate. Approve business plans and budgets. Quarterly report. Supervision of staff. Identification of available water resources and development needs through multidisciplinary studies at appropriate levels of detail. Involvement in the development of water management strategies. Develop solutions to meet water requirements and evaluate technical options and associated social, economic, and environmental impacts. Provide leadership, management, and administration for Water Resource Planning in relevant planning area. Develop and maintain water reconciliation strategies for various large systems and metropolitan areas. Develop and maintain water reconciliation strategies for all Towns/Villages in planning area. Conduct water availability assessment studies including hydrological modelling of various Catchments. Liaise on water resource planning matters on trans-boundary water recourses. Liaise with water all use sectors in conceptualization of solutions. Provide basin-wide information on all aspects of the water resources in transboundary river basins such as relevant. Training and development of sector partners and junior officials.

ENQUIRIES: Ms. B Kama Tel No. 043 701 0366

APPLICATIONS: Eastern Cape (King William's Town): Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private bag X 7485, King Williams Town, 5600 or hand deliver at the 2 Hargreaves Avenue, Old SABC Building, King William's Town 5600. For Attention: Mr MK Noah, Tel (043) 604 5323