



DEPARTMENT OF WATER AND SANITATION

- APPLICATIONS** : Head Office (Pretoria): Please forward your applications quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to 285 Continental Building, Corner of Visagie and Bosman Street, Pretoria.
- FOR ATTENTION** : Ms. LI Mabole
- CLOSING DATE** : 14 December 2018 TIME: 16h00
- POST** : CHIEF ENGINEER MECHANICAL ENGINEERING (GRADE A) REF NO: 141218/01
- BRANCH** : NWRI: CD: ENGINEERING SERVICESDIR: MECHANICAL AND ELECTRICAL ENGINEERING
- SALARY** : R991 281 per annum (All inclusive OSD salary package)
- CENTRE** : Pretoria
- REQUIREMENTS** : An Engineering Degree (B Eng / BSc (Eng). Minimum six (6) years post qualification experience. Compulsory registration with ECSA as a Professional Engineer (proof must be attached). A valid driver's license (Certified copy must be attached). Compulsory registration with ECSA as a Professional Engineer. Knowledge of programme and project management. Knowledge of engineering design and analysis, legal and operational compliance. Knowledge in research and development. Good verbal and communication skills. Understanding of process knowledge and skills. Understanding of Public Service Regulations including PFMA. Must be able to work independently, self-motivated, responsible and reliable.
- DUTIES** : Design and specification of mechanical engineering systems for water infrastructure, e.g. Pumps, Valves, Pipelines, overhead cranes, HVAC, etc. Oversee installation, testing and commissioning of such components and systems. Prepare mechanical designs and technical specifications. Review, evaluate, edit and approves engineering designs according to design principles and theory. Ensure adequate standard of technical documentation, reporting and contribute in updating of standards. Coordinate design integration across the engineering disciplines within the Directorate as well as to other directorates. Optimising design and cost-effectiveness of projects and risk management. Provide support and development of Water and Sanitation Service's Infrastructure. Provide support in contract management and administration. Inspect and/or test infrastructure equipment, systems and installations including preparation of reports of the findings and recommendations. Compile, review and comment on contract documentation proposals and Bids. Communicate and negotiate with contractors, consultants and clients of the Directorate. Formulate policies and guidelines relative to the Directorate's functions. Provide leadership and direction to the Directorate. Provide assistance to manage financial allocations to projects and programs. Provide guidance and mentorship to candidate engineers and technicians within the Directorate.
- ENQUIRIES** : Mr E Manhimanzi Tel No: (012) 336-8621