

DEPARTMENT OF WATER AND SANITATION

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| <u>CLOSING DATE</u> | : | 25 November 2022 |
| <u>NOTE</u> | : | 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 Sanitations website, under career opportunities or the DPSA website, under vacancies in the Public Service (point 4) and should be accompanied by a comprehensive CV only (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, drivers 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. 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. All shortlisted candidates pertaining to Senior Management Services (SMS) posts will be subjected to a technical and competency assessment and a pre-entry certificate obtained from the National School of government is required prior to the appointment. (Individuals who have completed the course already, and who are therefore in possession of a certificate are welcome to submit such, however, it is not required that an applicant submit such when applying for the post prior to the closing date. The link for the completion of the course for the certificate for the pre-entry into SMS can be found on http://www.thensg.gov.za/training-course/sms-pre-entry-programme/ . 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. 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. ERRATUM: Kindly note that the following post was advertised in Public Service Vacancy Circular 42 dated 04 November 2022, Chief Development Expert with Ref No: 181122/01 with a closing date of 18 November 2022 displayed an error on the requirements. The correct information is as follows: A three (3) year Degree in Financial Accounting, Management Accounting, Business Administration or Economics at NQF Level 7 and the closing date has been extended to 25 November 2022. |

OTHER POSTS

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| <u>POST 43/110</u> | : | <u>ENGINEER PRODUCTION GRADE A - C REF NO: 251122/01 (X4 POSTS)</u> Branch: Infrastructure Management, Sub-Directorate: Open Channel Systems (This is a re-advertisement, applicants who have previously applied may re-apply) |
| <u>SALARY</u> | : | R728 829 – R1 106 814 per annum, (all-inclusive OSD salary package), (Offer will be based on proven years of experience) |
| <u>CENTRE</u> | : | Pretoria Head Office |
| <u>REQUIREMENTS</u> | : | Summary: A Civil Engineering Degree (B.Eng / BSc.Eng) with three (3) years post qualification Engineering experience that is relevant to Water Engineering. |

Compulsory registration with ECSA as a Professional Engineer. A valid unexpired driver's license is also needed as site visits and traveling for work forms part of the job description. Competency and experience on the implementation of civil engineering projects and design of hydraulic structures and water conveyance systems is essential. Competencies and knowledge in Engineering design and analysis. Knowledge and understanding of legal compliance. Understanding of computer aided engineering applications. Project management. Strategic capabilities and leadership. Financial management skills. Excellent communication skills (verbal and written).

DUTIES

: Plan and design Civil Engineering projects. Develop tender specifications. Perform review and approvals or audits on engineering designs according to design principles, theories and standards. Supervise engineering work and processes. Optimising appropriate design and cost-effectiveness of Open Channel projects including risk management. Evaluating, editing and authorising all designs, reports, engineering drawings and specifications. Manage resources; prepare and consolidate inputs for the facilitation of resource utilisation. Manage consulting engineers and or contractors, contract administration and resolution of claims. Mentoring and training candidate engineers and technicians. Managing administrative, financial and personnel related functions. Technical Work Description: SD: Open Channel Systems (OCS) is a technical Engineering design component that mainly focuses on the design- and rehabilitation of large-scaled bulk water conveyance infrastructure such as canals, inverted syphons, dam spillways, erosion protection, reject structures, energy dissipating structures and others. All infrastructure related to National Water Infrastructure may be included as part of our function with a focus on the design of bulk water conveyance systems. Designing of such systems introduces additional Engineering challenges which includes but is not limited to; the design service roads, sub-soil drains as well as the design of hydraulic structures, pump houses, chutes, retaining walls, embankments, bridges, super-passages, berms and boundary fences etc.. Engineering analysis such as; hydrology, flood line studies, structural analysis and slope stability analysis are all undertaken at SD: OCS. As stated above, a strong background in Water Engineering is essential while experience in Geotechnical Engineering, Structural Engineering & Project Management will be considered added benefits. Experience in the following computer aided design software packages will also be an added advantage; Hec-Ras, AutoCAD & AutoCAD Civil 3D, ArcGIS, Prokon and Slide etc. Production Engineers working at SD: OCS must be able to write high-quality technical reports so medium- to high report writing skills are essential. Consequently, competence in Microsoft Word as well as Microsoft Excel is of the utmost importance. Project Management as well as Contractual Management of construction projects, as the Engineer or Engineers' Representative, also forms part of the job description. Production Engineers are also tasked to review the work of their peers as well as manage and mentor juniors working with them on projects. SD: OCS is unique to other DWS Design components in that it manages and operates the Pretoria-West Hydraulics Laboratory. To explain briefly, SD: OCS works closely with SD: Dam Design to design, construct and test physical hydraulic models of dam spillways based on the theory of "Froude Similarity". Expectation: Production Engineers must be able to see a project through from start to finish (ECSA, 6 stages of a project). Our Engineers mostly work from the office but do travel to construction sites as and when required. Production Engineers are tasked to manage and train Candidate Engineers as well as other technical staff to produce deliverables such as; site visit reports, contractual letters and memorandums, minutes, programmes, costing reports, design reports, bill of quantities, specifications and produce drawings etc. SD: OCS seeks highly motivated, driven Engineers who can drive production by themselves and also work as part of a team.

ENQUIRIES
APPLICATIONS

: Mr. HH Luttig Tel No: 012 336 8095
: Pretoria (Head Office): Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to Continental Building, Corner of Visagie and Bosman Street, Pretoria.

FOR ATTENTION

: Planning, Recruitment and Selection Unit

POST 43/111 : **CONTROL ENGINEERING TECHNICIAN GRADE A REF NO: 251122/02**
Branch: Infrastructure Management: Head Office

SALARY : R452 895 per annum, (all-inclusive OSD package)
CENTRE : Pretoria
REQUIREMENTS : A National Diploma in Civil Engineering or relevant qualification. Six (6) years post qualification technical (Engineering) experience. Compulsory registration with ECSA as a Professional Engineering Technician. A valid unexpired driver's license. Computer added engineering applications. Must have no less than 3 years' experience in rehabilitation of conveyance systems, specifically in aspects of canals, pipeline, tunnels, pumpstations and reservoirs. Provide and manage technical advisory services and support by applying engineering principles and techniques to address engineering challenges through research. Programme, project management, technical design analysis, research and development. Proven liaison and networking skills especially as they relate to corporative governance and stakeholder engagement. Computer added engineering implications, technical report writing, problem solving and analysis. Decision making, creativity, customer focus and responsiveness. Good communication skills both (verbal and written). Planning, organizing and report writing skills. Ability to work independently as well as sound interpersonal skills. Willingness to work above normal working hours and under pressure as well as to travel country wide.

DUTIES : Manage technological advisory services. Provide technological support to engineers and associated professionals in the field. Responsible for project management of conveyance system rehabilitation projects from inception to Close-out stage. Solve broadly defined technological challenges through application of proven techniques and procedures. Develop, maintain and manage current technologies. Monitoring and evaluation of technological designs. Evaluate and monitor existing technical manuals, standard drawing and procedures to incorporate new technology. Ensure quality assurance of technical designs with specifications and make recommendations for approval by the relevant authority. Identify and optimize technical solutions by applying engineering principles. Manage administrative and related functions. Provide inputs into the budgeting process. Compile and submit reports as required. Provide and consolidate inputs into technological and related personnel and assets. Research and development. Continuous professional development to keep up with new technologies and procedures. Research or literature studies on engineering technology to improve expertise and to liaise with relevant bodies, councils on engineering related matters.

ENQUIRIES : Ms N Hlatini Tel No: 012 336 8235
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 at the Continental Building, cnr Visagie and Bosman.

FOR ATTENTION : Planning, Recruitment and Selection Unit.

POST 43/112 : **ENVIRONMENTAL OFFICER (PRODUCTION) GRADE A-C (WTE) REF NO: 251122/03 (X2 POSTS)**
Branch: Provincial Coordination and International Cooperation: Mpumalanga

SALARY : R276 831 – R480 678 per annum, (all-inclusive OSD package)
CENTRE : Lydenburg & Bronkhorstspuit
REQUIREMENTS : A National Diploma in Environmental Management or Natural Science in any one of the following fields: Earth Science, Environmental Sciences, Water Care or Engineering. Relevant experience in environmental and water management field, waste management, industries, rural and urban development. Understanding of the Department's role and policy with respect to water resource management. Knowledge of National Water Act, 36 of 1998, Water Services Act, 108 of 1997 and related policies and guidelines. Understanding the principles of Integrated Water Resource Management. Innovative thinking and networking skills. Knowledge of Human Resource Policies. Ability to work productively in an environment consisting of multi-disciplinary internal and external DWS staff and stakeholders. Computer literacy. A valid unexpired driver's licence. Good communication (verbal and written), presentation and report writing skills. Good interpersonal skills. Ability to interact with communities and stakeholder groups.

- DUTIES** : Provide comments on Environmental Impact Assessments, Environmental Program Reports and Development Applications in the Olifant's Water Management area. Liaise with stakeholders in the Water Sector and other government departments. Serve on various committees. Undertake water resource monitoring and special investigations. Manage water quality in designated catchments areas. Prepare reports and interpret water quality monitoring results. Processing of Water Use License Applications in Water Management Areas.
- ENQUIRIES** : Mr. Macevele S, Tel No: (013) 932 2061/ Ms FM Mkhwanazi, Tel No: 013 759 7515 / Ms PC Ngwamba, Tel No: 013 759 7446 / Mr SG Nkosi, Tel No: 013 759 7335
- APPLICATIONS** : Mpumalanga Provincial Office (Mbombela) Please forward your applications quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X11259, Mbombela, 1200 or hand deliver at Cnr Brown & Paul Kruger Street, Ground Floor, Prorom Building, Mbombela, 1200.
- FOR ATTENTION** : Ms F Mkhwanazi