

POST

GIS TECHNICIAN PRODUCTION GRADE A (2 POSTS)
REF:040414/33

SALARY
CENTRE

R206 844 per annum
Durban

REQUIREMENTS

National Diploma GISc, Cartography or relevant qualification. Three (3) years' post-qualification technical (GISc) experience Compulsory registration with the (PLATO) as GIS (Proof of registration must be attached). A valid driver's licence; Computer literacy Geographic Information Systems skills; An understanding of GIS standards and projections; An understanding GIS technologies, such a GPS, photogrammetry and remote sensing and principles of cartography; Communication and interpersonal skills; Analytical skills.

DUTIES:

Capture, validate and maintain spatial data using a Geographic Information System (GIS); Produce customized maps; Undertake spatial analysis; Develop relational databases and maintain Geodatabases structure in accordance with DWA standards; Enter and regularly revise all metadata in a data catalogue in accordance with DWA standards and ensure that all electronic data is regularly backed-up. Expand and improve the regional database by identifying gaps and sources of additional water sector data in the region. Generate the production of spatial information in map format by performing customized queries on the GIS and related database. Add to electronic data through capturing of data by means of digitizing from paper maps, GPS technology and aerial photo and satellite images when required. Assess digital database to ensure a high level of accuracy of data available at all time. Design and implement a data quality improvement plan. Assess and process the application received from the public requesting Government information thus ensuring the effective implementation of promotion of access to Information Act. Provide GIS support; Co-ordinate data projects and contracts; Conduct relevant research and development; Implement GIS standards. Management of Verification and Validation project. Setting standards and specifications for cadastral data. Support Regional office staff support. Administrative responsibilities such as maintaining a record of monthly log sheet for GIS task, GIS equipment and stock level of GIS consumables.

ENQUIRIES

Mr. S.O Naidoo, Tel: (031) 336 2735

APPLICATIONS

Please forward your application quoting the reference number to The Regional Head: KwaZulu-Natal, Department of Water Affairs. P.O. Box 1018, Durban, 4000 or hand-deliver to 88 Joe Slovo Street (previously Field Street), Southern Life Building, 9th Floor, Durban

FOR ATTENTION

The Manager (Human Resources)