

**DIRECTORATE: MAPPING SERVICES: MOWBRAY
(CAPE TOWN)**
**PRINCIPAL GEOMATICS OFFICER
(AERIAL TRIANGULATION & ELEVATION
CAPTURE)**

Salary: R185 958 per annum (Level 8) (Ref. S8/3/2012/554)

Requirements: • Survey/Geomatics Officer Certificate • 6 years' post-qualification experience • Knowledge of photogrammetry • Knowledge of Geographic Information Systems principles • Analysing data skills • Report-writing skills • Excellent stereoscopic vision • Excellent computer skills.

Duties: • Plan aerial triangulation • Observe and measure points photogrammetrically • Photogrammetrically capture and process elevation data • Prepare records and update database.

Note: African males and females are encouraged to apply.

**DIRECTORATE: SURVEY SERVICES:
MOWBRAY (CAPE TOWN)**
**PRINCIPAL GEOMATICS OFFICER
(ANCILLARY DATA)**

Salary: R185 958 per annum (Level 8) (Ref. S8/3/2012/555)

Requirements: • Survey/Geomatics Officer Certificate or equivalent qualification • 6 years' post-qualification appropriate experience • Knowledge of geo-spatial information • Excellent stakeholder relations • Excellent computer skills • Data search skills • Good communication skills (both verbal and written).

Duties: • Acquire ancillary data for mapping purposes • Process ancillary data through integration and structuring of data • Undertake office annotation of imagery • Update database.

Note: African males and females are encouraged to apply.

**CHIEF DIRECTORATE: NATIONAL GEOSPATIAL
INFORMATION: MOWBRAY, CAPE TOWN**
OFFICE ASSISTANT

Salary: R149 742 per annum (Level 7) (Ref. S8/3/2012/557)

Requirements: • National Diploma in Office Administration or a secretarial qualification • At least 3 years' appropriate experience in secretarial or office administration • Excellent computer skills, particularly in MS Word and Excel • Excellent communication (written and verbal) skills in English and at least one other official language • Excellent telephone etiquette • Organisational and planning skills • Excellent report-writing skills.

Duties: • Keep schedule of Chief Director up to date • Prepare documents for meetings • Provide a professional reception for the office of the Chief Director • Make travel bookings and confirmations • Answer and screen telephone calls for Chief Director • Manage bookings of meeting rooms • Take, type and distribute minutes • Make arrangements for meetings • Organise events, including meetings, conferences, workshops • Requisition goods • Manage assets • File documents • Receive and send faxes • Type documents • Process travel claims.

**CHIEF DIRECTORATE: NATIONAL GEO-SPATIAL
INFORMATION: MOWBRAY (CAPE TOWN)**
FOOD SERVICE ASSISTANT

Salary: R71 289 per annum (Level 3) (Ref. S8/3/2012/556)

Requirements: • Grade 8 or equivalent • Catering/cleaning experience • Ability to provide catering and cleaning service • Written and verbal communication in English.

Duties: • Prepare and provide refreshments for meetings • Prepare meeting rooms for meetings • Clean crockery and cutlery in all tea rooms/kitchens and meeting rooms • Engage with managers and other staff.

**CHIEF DIRECTORATE: NATIONAL
GEO-SPATIAL INFORMATION (MOWBRAY:
CAPE TOWN)**

**SENIOR DATA TECHNOLOGIST
(GEO-SPATIAL DATA MANAGEMENT)**

Salary: R434 505 per annum (Level 11) (all-inclusive package to be structured in accordance with the rules for MMS) (Ref. S8/3/2012/558)

Requirements: • 3-year tertiary qualification in an Information Technology/data management-related field • At least 6 years' appropriate post-qualification experience • Excellent knowledge of database management • Excellent knowledge of digital data archiving • Knowledge of geo-spatial data models • Excellent computer literacy.

Duties: • Maintain the integrated geo-spatial data model • Ensure data integrity of the integrated topographic information database • Archive digital data in a secure environment • Engage with Oracle 10g database administrator for the optimal operation of the database • Ensure proper access to data • Engage with Departmental Chief Information Office staff to provide services • Advise on Information Technology matters.

Note: African males and females are encouraged to apply.

**CONTROL GISc TECHNOLOGIST
(CONTROL GEOMATICS TECHNOLOGIST)
(IMAGERY ANALYST)**

**Salary: R445 338 per annum (OSD)
(Salary in accordance with OSD) (Ref. S8/3/2012/560)**

Requirements: • 3- to 4-year GISc or related Bachelor's degree in a remote sensing/image processing/image interpretation-related field • Registration with SA Council for Professional and Technical Surveyors as a GISc Technologist • At least 6 years' appropriate post-qualification GISc Technologist experience • Excellent computer literacy • Excellent communication skills • Valid driver's licence.

Duties: • Prepare specifications for acquisition of aerial and satellite imagery • Evaluate quality of aerial and satellite imagery • Process imagery • Undertake image interpretation • Undertake image classification for land cover mapping • Undertake classification for land use mapping • Provide technical advisory services • Quality control contract work • Supervise junior staff.

Note: African Males and African females are encouraged to apply.

**GISc TECHNOLOGIST (IMAGERY ANALYST)
(GRADE A-C)**

Salary: R213 603 to R327 459 per annum (OSD) (The salary will be based on the number of years' post-qualification experience in accordance with OSD) (Ref. S8/3/2012/559)

Requirements: • 3- to 4-year GISc or related Bachelor's degree in a remote sensing/image processing/image interpretation related field • 3 years' post-qualification GISc Technologist experience • Registration with the SA Council for Professional and Technical Surveyors as a GISc Technologist • Excellent computer literacy • Excellent communication skills • Valid driver's licence.

Duties: • Prepare specifications for acquisition of aerial and satellite imagery • Evaluate quality of aerial and satellite imagery • Process imagery • Undertake image interpretation • Undertake image classification for land cover mapping • Undertake classification for land use mapping • Provide technical advisory services • Quality control contract work.

Note: African males and females are encouraged to apply.

**SURVEY TECHNICIAN
(GEOMATICS TECHNICIAN)
(25 POSTS)**

Salary: R181 344 to R277 986 per annum (OSD) (The salary will be based on the number of years' post-qualification experience in accordance with OSD) (Ref. S8/3/2012/561)

Requirements: • National Diploma in Surveying/Geomatics/Cartography or relevant qualification • Registration with SA Council for Professional and Technical Surveyors as a Technician • 3 years' post-qualification technical experience • Excellent computer skills • Valid driver's licence.

Duties: The incumbent will be required to undertake duties dependent on the division in which they are allocated to: • Maintain a quality management system • Document work procedures • Coordinate the development and maintenance of standards • Undertake quality audits • Process field survey data • Calculate horizontal and vertical survey networks • Control the network of continuously operating GNSS base stations (TrigNet) • Acquire ancillary data for mapping purposes • Process ancillary data through integration and structuring of data • Undertake annotation of imagery • Undertake field surveys for control survey networks • Undertake field surveys for mapping • Undertake field work for special tasks • Compile topographic information from imagery • Structure and integrate topographic features • Update database • Archive digital records • Examine aerial imagery • Process aerial imagery records • Prepare and generalise map data • Design maps • Produce small-scale maps • Produce aeronautical charts • Produce ancillary maps • Provide cartographic services • Produce medium-scale maps • Ortho-rectify and mosaic imagery • Produce orthophoto maps • Determine photogrammetric absolute orientation of images • Photogrammetrically capture elevation data • Derive digital elevation models • Supply products and services through various means • Maintain information on products available, including web services • Control map stocks and printing quantities • Manage data vendors and outlets for products.

Note: Employees undertaking field surveys must have a valid Code EB driver's licence and provide their own camping gear, if camping. They can expect to be on field trips of up to 6 weeks. Employees undertaking any photogrammetric work must have excellent stereoscopic vision. African males and females are encouraged to apply.

The suitable candidates will be selected with the intention of promoting representivity and achieving affirmative action targets, as contemplated in the relevant component's Employment Equity Plan.

The Department reserves the right not to appoint any applicants so these positions and to conduct pre-employment security screening.

Applications must be submitted on form Z83, obtainable from any Public Service Department, and should be accompanied by a comprehensive Curriculum Vitae (previous experience must be comprehensively detailed) and certified copies of qualifications, service certificates, driver's licence and Identification Document. Applicants with foreign qualifications must submit a SAQA evaluation report on the qualification. Non-SA citizens must attach a certified copy of proof of permanent residence in South Africa. In addition to completing the Z83, applicants are required to disclose any pending criminal, disciplinary or any other adverse allegations or investigation against them. Applicants must also provide the full names, addresses and telephone numbers of at least 3 referees. Failure to submit the requested documents may result in your application not being considered (applications lacking evidence of relevant experience will not be considered). If you apply for more than one post in the Department, please submit a separate application form for each post. Applicants will be expected to be available for selection interviews at a time, date and place as determined by the Department. If you have not been contacted for an interview within 3 months of the closing date, please assume that your application was not successful. Correspondence will be entered into with short-listed candidates only.

PERSONS WITH DISABILITIES ARE ENCOURAGED TO APPLY.

Please forward your application, quoting the relevant reference number, to: Department of Rural Development and Land Reform, Private Bag X10, Mowbray 7705, or hand deliver at Van Der Sterr Building, Rhodes Avenue, Mowbray.

Closing date: 24 August 2012

Applications received after the closing date will not be considered.



**rural development
& land reform**

Department:
Rural Development and Land Reform
REPUBLIC OF SOUTH AFRICA