Applications are invited for suitable qualified candidates to fill the following positions within the Surveys and Mapping Division at the National Land Agency.

Cartographer
(Vacant)

The successful candidate will report to the Chief Cartographer (Mapping Services)

Job Purpose:

To construct and compile new and revised digital maps or charts from source materials

Key Outputs

- Mastermap series completed
- Technical Descriptions completed
- Map overlays completed
- Older map series updated
- Special requests completed
- Data gathered and processed

Key Responsibility Areas

- Checks scanned images for quality
- Geo-references scanned image files
- Digitizes features depicted on geo-referenced image files to a point, line or polygon vector file
- Creates and populates attribute tables associated with features which were digitized
- Adds symbology and other special features to maps
- Edgematches associated map sheets, conduct transformation to the local coordinate system and checks for and corrects errors
- Assists with the checking of technical notes to determine suitable specification for use in map development
- Assists with provision of general Cartographic support to all Divisions within the Agency as may be requested

- Assists with the completion of mapping request related to Systematic Registration and other special projects (Technical description maps, overlays etc.)
- Assists with collection and processing of data from the field using prescribed data collection devices and software as required
- Assists in the use of prescribed applications for the retrieval and processing of maps and plans.
- Edits maps which have been quality checked
- Assists with the maintenance of work equipment and map documents both manually and digitally.

Other Responsibilities:

- Performs other related duties assigned from time to time by the Chief Cartographer/Supervisor Topographic Data Management

Performance Indicators

- Maps are sourced and scanned for quality on a timely basis
- Digitizing features are correctly depicted on files
- Created attribute tables associated with digitized features are carried out within the time specified
- Symbology and other special features on maps are done to standard and in time specified
- Gathered data are processed, using established guidelines, to be used in map construction
- Maps are constructed to specified standard
- Spatial data derived from map development are properly maintained in geodatabase or prescribed system

Required Competencies:

The post-holder should be able to demonstrate:

- Map reading skills
- Knowledge in the use of Geographic Information Systems (GIS) and data collection devices and applications (GNSS, Field Maps etc.)
- Excellent communication skills
- Competence in interpreting aerial photographs
- Competence in the use of related prescribed computer applications

Minimum Required Education and Experience

- First Degree in Cartography, Geography, Geomatics, Geographic Information Systems (GIS), Urban and Regional Planning *or* an equivalent program from a recognized institution and one (1) years experience working in a related area.

- Diploma/Certificate in an Earth Related Science field, related basic training in Cartography or Introductory GIS and two (2) years' experience.

- Working knowledge of GIS applications and the use of handheld data collection devices

Special Conditions Associated with the Job

- Working in contrasting light conditions which imposes strain on the eyes
- Extended exposure to computer glare
- High level of concentrated and visual attention during digitizing
- Exposure to harsh environmental conditions during field visits

Resources Managed

- Data layers created on computer

Authority to:

- N/A

Remuneration Package: Salary Range (Level 5**) - $2,803,771.00 -$3,770,760.00 per annum**

A letter of application accompanied by a Résumé should be submitted no later than

Friday, April 18, 2025 to jobapplications@nla.gov.jm for the attention of**:**

The Director, Human Resource Management & Development

National Land Agency

8 Ardenne Road

Kingston 10

We appreciate all responses, but only shortlisted applicants will be contacted.