



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

## **Chief Photogrammetrist (Vacant)**

The successful candidate will report to the Supervisor, Topographic Data Management Section

### **Job Purpose:**

To ensure the efficient production of maps, ortho-photographs and digital data describing Jamaica land mass

### **Key Outputs:**

- Projects planned
- Procedures complied with
- Tasks delegated
  
- Training delivered
- Performance appraisals conducted
- Reports developed
- Materials monitored and sourced
- Instruments and equipment maintained
- Technical assistance given
- Aerial photographs assessed
- Aerial imagery collected and processed
- Aerial image products and bi-products assessed
- Quality Checks conducted on aerial image products and bi-products
- 3D cadastre creation monitored
- Attendance record of staff maintained
- Estimates of work prepared

### **Key Responsibilities:**

#### *Managing/Administrative Responsibilities*

- Provides leadership through example and the sharing of knowledge and skills

- Ensures the implementation of objectives and assesses results
- Delegates tasks to employees and monitors their progress
- Ensures employees comply with policies and procedures of the Unit
- Conducts performance appraisal in accordance with established guidelines
- Prepares reports on the progress of activities in the Unit
- Records jobs submitted to the Unit, determines the nature of work to be done and assigns the relevant staff for job processing
- Monitors the stock of materials and supplies used by the Unit and makes requisition for replenishment as is required
- Follows up on request made for assistance to resolve problems within the Unit to ensure they are properly dealt with.
- Maintains a record of attendance of members of the Unit

#### *Technical/Professional Responsibilities*

- Conducts research on tools, technology and workflow pertinent to Photogrammetry field.
- Assists with planning and supervising fieldwork associated with aerial mapping exercises using Unmanned Aerial Vehicles (UAVs) or other mediums.
- Interfaces with internal and external clients in planning of aerial image projects
- Supervises the updating of the Agency's aerial imagery database
- Conducts quality checks and quality assurance with the processed aerial imagery and bi-products gathered through fieldwork
- Supervises the creation and maintenance of the 3D cadastre database
- Coordinates the processing of captured aerial imagery to create bi-products.
- Assists with the preparation of estimates for work to be carried out
- Ensures instruments and equipment used in the aerial image capture and photogrammetry process are properly maintained.
- Checks finished jobs for completeness, quality and accuracy and prepares costing.
- Provides technical advice to internal and external user groups as needed in area of Photogrammetry.
- Designs and conducts the delivery of training for internal staff
- Ensures that requests for technical assistance are routed to the appropriate person(s).
- Ensures the reliability, confidentiality and integrity of data are maintained.
- Prepares specifications and flight plans for missions.
- Assesses the quality of aerial photographs for compliance with flight specifications and designs and acceptance in accordance with international standards.

#### *Other Responsibilities*

- Keeps abreast of technological trends and changes in aerial image capture and photogrammetry techniques and recommend their application where appropriate
- Collaborates with other units for the execution of assignments
- Performs other related duties assigned from time to time by the Manager

### **Performance Indicators**

- Employees adhere to policies/procedures and data security is maintained
- Reports are complete, accurate and submitted on time
- Performance appraisals with appropriate recommendations submitted at the time agreed
- Staff is competent and productive
- Equipment and instruments are properly maintained
- Performance on the job is significantly improved based on technical advice
- Adequate office supplies and stocks are always in place to carry out jobs
- Efficiency is maximized by using time saving and cost reduction techniques in executing the job
- High Resolution Drone imagery and bi-products are produced
- Aerial image captured via UAV are processed within time specified
- Internal and external personnel are trained
- New project areas are added to the 3D cadastre database

### **Required Competencies/Skills:**

The post-holder should be able to demonstrate:

- Excellent knowledge of photogrammetry techniques and the operation of related machines and equipment
- Good stereoscopic vision and photo-interpretation
- Good planning and organising skills
- Good leadership skills
- Good problem-solving and analytical skills
- Good coaching, mentoring and conflict resolutions skills
- Good decision-making skills
- Sound judgement
- Good oral and written communication skills
- Competence in the use of relevant computer applications

### **Minimum Required Education and Experience**

- Degree in Geo-informatics or its equivalent with a specialization in Photogrammetry and 3 years experience

*or*

- Tertiary level Diploma in an Earth related science area, related training in Photogrammetry and five (5) years experience in a map production environment
- Certificate in Supervisory Management

**Special Conditions Associated with the Job**

- Physical and visual fatigue from long sitting and use of computer and other equipment
- Long periods in the field visit to facilitate aerial image capture
- Exposure to harsh weather and environmental conditions

**Resources Managed**

- Plans, computers, scanners, plotters, printers
- Aerial image database
- Unmanned Aerial Vehicles

**Authority to:**

- Recommend leave
- Deploy staff based on work flow level
- Caution staff in respect of behavior and performance on the job

**Remuneration Package:**

-Salary Range (Level 6) - \$3,501,526.00 -\$4,709,163.00 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](mailto: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.**