

## **POSITION: LiDAR Analyst/ Sensor Operator**

### **GENERAL DESCRIPTION:**

GEOSYS Technology Solutions is seeking a qualified LiDAR Analyst/Sensor Operator to support and be a part of the GEOSYS team.

The LiDAR Analyst/Sensor Operator is a dynamic self-starter individual interested in the planning, development, production and delivery of high quality airborne dataset to our clients.

### **RESPONSIBILITIES:**

- Airborne LiDAR data processing, calibration, classification and generation of LiDAR derived products
- Plan, schedule and manage airborne flight missions.
- Perform aerial survey missions, in particular airborne LiDAR.
- Perform ground control survey and setup GPS base stations
- Data QC and documentation
- Communicates and coordinates the flight mission with clients, partner firms and subcontractors
- Maintain a professional, ethical and positive attitude.
- Other duties as assigned

### **JOB KNOWLEDGE AND SKILLS:**

- Experience working with ArcGIS ESRI products and scripting.
- Experience working with Microstation and Terrasolid software is a plus.
- Working knowledge of airborne survey in particular LiDAR survey is a plus.
- Working experience with Optech LiDAR sensor and Applanix GPS/IMU and PosPac software is a plus
- Working knowledge of GPS hardware preferably Leica is a plus.
- Ability to write technical reports is required
- Willingness to work extended hours to meet peak workloads.
- Excellent oral and written communication skills and organizational skills are essential, as well as the ability to work efficiently under pressure and to manage multiple/simultaneous deadlines
- Must be a team player and able to work both collaboratively and independently.
- Experience and familiarity with photogrammetric mapping and orthophoto production considered an asset
- Software customization and script writing would be an asset

### **EDUCATION:**

- A bachelor degree preferably in Geomatics, GIS, Geography, or computer Science or a combination of diploma certificate with relevant work experience

### **HOW TO APPLY:**

Please email a letter of interest, resume with professional references, and salary history to [hr@geosys.ca](mailto:hr@geosys.ca).

**No phone calls, please.** Incomplete applications will not be considered.