Employment Opportunity

Position: Geomatics Technician
Service Area: Engineering Services
Location: Siksika Nation
Salary: Based on Education and Experience
Date Posted: November 2, 2026
Closing Date: November 13, 2026
Competition Number: SNES-01-11-02-26

POSITION SUMMARY:
The Geomatics Technician will play a vital role in supporting a variety of Siksika Engineering Services and other Siksika Tribal Administration Service Areas. This position entails the collection, analysis, and management of spatial data to facilitate informed decision-making and project implementation. The Geomatics Technician will engage in land surveying, utilize Geographic Information Systems (GIS) for detailed mapping, and employ remote sensing technologies to gather and interpret data essential for land development, utility planning, and comprehensive environmental assessments. Through this work, the Geomatics Technician will contribute significantly to the sustainable development and stewardship of the Nation's resources.

DUTIES & RESPONSIBILITIES: ***Duties include but are not limited to:***

1. Perform comprehensive topographic, boundary, and construction surveys utilizing advanced technologies such as Global Navigation Satellite Systems (GNSS), total stations, and Unmanned Aerial Vehicles (UAVs), commonly known as drones.
2. Leverage advanced Geographic Information Systems (GIS) software such as ArcGIS, QGIS, AutoCAD Civil 3D, or similar platforms to create detailed spatial maps and comprehensive datasets.
3. Analyze and interpret aerial imagery, LiDAR data, and satellite images to facilitate comprehensive land evaluation and informed infrastructure planning.
4. Generate comprehensive survey reports that detail land measurements and boundaries, create GIS datasets that provide spatial analysis and mapping information, and develop precise legal land descriptions for property documentation.
5. Support the ongoing maintenance and organization of digital land records and databases specifically for the Siksika Nation, ensuring data accuracy and accessibility.

MINIMUM QUALIFICATIONS: Required Knowledge, Skills, and Abilities

- Understanding of Siksika land management policies and reserve land surveying.
- Ability to interpret legal survey plans, environmental impact assessments, and engineering drawings.
- Proficiency in ArcGIS, QGIS, AutoCAD Civil 3D, Trimble Business Center, or equivalent software.
- Strong knowledge of land surveying principles, coordinate systems, and legal land descriptions.
- Strong attention to detail and accuracy.
- Strong written and verbal communication and interpersonal skills.

Education and Experience
Degree in Geomatics, Surveying, GIS, or Civil Engineering Technology preferred.
Diploma in Geomatics, Surveying, GIS, or Civil Engineering Technology required.
Previous experience in surveying, GIS mapping, or infrastructure projects required.

Professional Designation/Certification/Licenses:

Other:
Requires general knowledge of the Siksika Nation culture and some ability to communicate in the Siksika language.

EMAIL recruitment@siksikanation.com To Apply, Receive a Job Description or Employment Application form.
CALL 403-734-5567 or 403-734-5579 to learn more.

WEBSITE www.siksikanation.com

Position will be filled based on requirements and candidate qualifications. Priority: Siksika Members, Indigenous Community, then others