



Position Title: Mid-Level Archaeology GIS Position

Location: Fort Bliss, Texas

The GIS Technician will be reporting to the Environment Division-Archaeological Resource Program within the Department of Public Works at Fort Bliss Military Installation located within El Paso County, Texas. The GIS Specialist will assist the GIS efforts for the Archaeologists with the creation, updating, management of geographic databases.

The essential functions are:

- Create, update, and manage GIS data within a SDE environment and ESRI personal geodatabase;
- Perform spatial analysis using ESRI analytical extensions,
- Provide GIS technical support;
- Conduct mapping research, in the field and in the office, to resolve conflicting information and ensure the accuracy of the data;
- Create and publish maps using GIS.

The ideal candidate must be highly organized, and be able to multitask and work with deadlines. He/she must also be able to work independently or with others, and communicate in a professional and timely manner. Good analytical and problem-solving skills are essential. The candidate must meet the below required knowledge, skills, and abilities.

Required Knowledge, Skills and Abilities:

Proficient and practical working knowledge of:

- ArcGIS;
- Cartographic techniques;
- Geoprocessing tools;
- Digitizing and data manipulation procedures for geographic information systems;
- Federal Geographic Data Committee (FGDC) metadata creation;
- Geography, including but not limited to coordinate systems;
- Archaeology terms and methods to be able to perform specific job functions;

Desirables:

- Database development and maintenance;
- Knowledge of Army standards (Spatial Data Standards for Facilities, Infrastructure, and Environment);
- Global Positioning Systems (GPS), Trimble units preferably;
- Image Processing (PCI);
- LiDAR and LiDAR processing ;

Ability to:

- Become familiar with industry specific terminology and symbology.



- Present facts clearly and accurately in graphic form.
- Plan, organize, and manage multiple priorities which require strong analytical and problem solving skills.
- Manage and document information.
- Self-starter who can manage multiple assignments simultaneously and shift priorities as necessary.

ACCEPTABLE EXPERIENCE AND TRAINING:

Bachelor's degree in one of the following: geographic information systems, geography, planning, archaeology, computer science, natural resources, or a related field. Two years of professional experience working with geographic information systems.

Contact MIRATEK Corporation for more information:

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