

position summary

In this full-time, exempt position, the Geographical Informational Systems (GIS) Analyst will be a member of a GIS team that assists cultural resources specialists and Project Managers by preparing and analyzing high quality maps to support cultural resources surveys, client services, environmental permit acquisitions, assessments, and compliance management in all energy sectors.



responsibilities

The GIS Analyst – Cultural Resources is responsible for the following:

- Analyses and preparation of maps to support cultural resources surveys, environmental permitting, and energy construction to all energy sectors: pipeline, oil and gas, and electric transmission projects.
- Assist cultural resources specialists with field data interpretation and site mapping.
- Work with internal and external entities to provide detailed, accurate geospatial and GIS deliverables.
- Create maps by digitizing topographic details, identify land locations and geographic attributes.
- Work with internal and external clients to ensure Merjent's reputation for excellence.
- Assist Project Managers with GIS operational and project requirements.
- Between 5-10% of projects may require work outdoors for site inspections and GPS data gathering. Outdoor working environment may include working during inclement weather and rough terrain if working on a construction right-of-way. The working environment may include heavy construction equipment, noise, dust, etc. Personal protective equipment of a hard-hat, safety boots, safety vest, and ear protection will be required. Physical requirements include the ability to stand, walk, balance, climb stairs, lift (less than 20 pounds), or crouch. In addition, good field of vision (with or without corrective lenses) and auditory capability.

qualifications and experience

The successful candidate will have the following qualifications and experience:

- Bachelor's degree in geography, anthropology, archeology, natural sciences or closely related field.
- Experience in cultural resources field surveys, cultural resources field data interpretation, and/or GIS tasks related to cultural resources management.
- Minimum of 3 years GIS experience.
- Strong knowledge of cartographic principals, and coordinates systems
- Knowledge of design techniques, tools, and principals involved in the production of precise technical plans, geospatial data, drawings, and models.
- Familiarity with Global Positioning System (GPS) collection and data conversion technologies such as Trimble's Pathfinder Office or ESRI's ArcPad.
- Experience using ESRI's ArcGIS software products including ArcMap 10.0 or higher. Microsoft Suite including Access a plus.
- Working knowledge of ArcGIS Online, Portal for ArcGIS, ArcGIS Collector, and other web viewing platforms.
- Knowledge of enterprise geodatabases, ArcGIS server, and ArcSDE a plus but not required
- Ability to read, manipulate, modify, produce, and present zoning, plat, land use, single line, and aerial maps.
- Strong data management, project management, organizational, and people skills.
- Ability to manage time and complete multiple tasks under tight schedule constraints and change in work scope and deadlines.
- Ability to work independently with minimal supervision and "own" the process.
- Ability to analyze, organize, and interpret data from multiple sources and interests.
- Excellent oral communication and technical writing skills.
- Must be detail-oriented with excellent problem-solving skills.