



## **SEASONAL G.I.S. TECHNICIAN May 2018-November 2018**

February 15, 2018

### **JOB SUMMARY**

This position encompasses but is not limited to GIS data development, support for ongoing GIS, land planning & surveying, development consulting, and landscape architecture related projects. Emphasis will be on providing clients with mapping/data development products related to specific job needs. This person should be able to successfully manage multiple task activities, demonstrate the ability to respond quickly and efficiently to immediate work requests and assignments in addition to completing high volumes of work over the course of the day, without sacrificing quality or accuracy. He or she must be able to independently review information/data carefully, recognizing when pertinent information is inaccurate, inadequate, or missing. Must be self-motivated and work effectively in a team environment. Reports to GIS department head.

### **REQUIRED EXPERIENCE + EDUCATION**

- B.S. or B.A. degree in Geography, Geosciences or Computer Science with a strong GIS component
- Minimum of two years working experience with ArcGIS product suite(s)
- Proficiency with Microsoft Office
- Proficiency in Google Earth/Maps, and Bing Maps
- Knowledge of web-mapping software and capabilities, XML, KML, Python
- Application of GIS theory, database management, analysis, and data modeling.
- Familiarity with 3D surface model development, manipulation, and modeling
- Solid foundation in spatial mapping mechanics, topology, and cartographic design.
- Strong working knowledge of vector and raster data management principles, including:
  - Standard QA/QC procedures
  - Spatial data formats and conversion tools
  - Coordinate systems and data transformation tools
  - Suitability, fitness, and accuracy of data
  - Data organization and documentation protocols
  - Support and development of mobile mapping solutions using Collector for ArcGIS
  - Experience with PC hardware and software troubleshooting

### **MAJOR TASKS, DUTIES AND RESPONSIBILITIES**

1. Works with the GIS team and Y2 staff to perform specific GIS mapping support related to mapping services, research, data development, data compilation/conversion, spatial data analysis, resolution/accuracy/scale requirements, and map design specifications.
2. Works with the GIS and Natural Resources Teams to balance and manage GIS and mapping support needs, productivity, priorities, and project delivery timelines.
3. Completes mapping needs for assigned projects using ArcGIS, MapInfo, Global Mapper, AutoCAD and other computer mapping and digital graphic software applications that may apply.
4. Understand and follow the company's standard CAD/GIS procedures for layering, line types, colors, and standard drawing for quality assurance and control purposes.
5. Work from detailed sketches, notes, layouts, and verbal instruction.
6. Verifies printed and digital drawings for quality assurance and control purposes.
7. Assures that work assignments are of quality, within budgeted hours, and on schedule.
8. Responsible for maintaining detailed documentation of project data organization, content, and compilation/analysis history.
9. Contributes to ensuring compliance with quality and delivery protocols for relevant projects.
10. This position has critical workload demands and productivity standards and will require working at a computer workstation for

extended periods.

- a. Requires flexibility in work schedule and be available for some evening and weekend work.
- b. May require site visits for data collection or verification.

**TO APPLY:**

Send **cover letter, resume** and **three references** to [jobs@y2consultants.com](mailto:jobs@y2consultants.com). The subject line should be the title of the position you are applying for.