



## **CITIZENS FIRST THROUGH SERVICE EXCELLENCE**

*We have an exciting **Temporary Non-Unionized** opportunity in the **Policy Planning & Environmental Sustainability Department** for an experienced and motivated individual*

### **Project Manager, GIS (2 Year Contract) (JOB # J06147-1100)**

As one of Southern Ontario's fastest growing cities, with its mix of urban and rural areas, Vaughan is an in-demand place to live and work. Vaughan is considered one of Canada's most family friendly cities with a dynamic and diverse population of over 325,000. With one of the top performing economies, a growing tourism industry and an enviable portfolio of recreational and cultural venues, this is the place where you want to be.

This project management position will be responsible for maintaining and enhancing existing spatial databases as well as creating new datasets and performing spatial statistical analysis using different analytical approaches. This will include building a system that will support Growth Management decision-making and provide the basis for developing a long-term Official Plan performance tracking program based on indicators to be developed through the process. Base information will include sources such as Zoning, Official Plan and Natural Heritage Network GIS mapping and statistical and GIS sources from third parties such as the Province (LIO), the Region of York, and Statistics Canada. Preparing visualizations to support the City's Municipal Comprehensive (OP) Review and to provide responses to corporate, agency and authorized public inquiries will be important. The position will also assist, where appropriate, in identifying technology or upgrades to existing systems and data sources to advance policy development and background work. This position will report to the Director of Policy Planning and Environmental Sustainability and work closely with the Policy Planning and Environmental Sustainability management team, various City Departments, the public and external agencies as the project lead on all Growth Management GIS/analytics related initiatives.

#### *Qualifications and experience:*

- University Degree in Geographical Information Systems (GIS) or suitable equivalent.
- Certification as a Project Manager Professional (PMP) through the Project Management Institute or demonstrated completion of other Project Management courses or programs is considered an asset.
- Minimum of five (5) years' progressively responsible and practical experience in GIS application development, spatial analysis and the production of reports/visualizations in a municipal environment including demonstrated project management experience.
- Proficiency in ArcGIS Suite (ESRI), AutoCAD, FME, Infraworks, Microsoft Access, Adobe Acrobat and database management software (SQL).
- Experience using ArcGIS Desktop 10.2 or higher software and extensions, including spatial analyst, 3D analyst, network analyst, and spatial statistics tools.
- Ability to create, use and maintain spatial databases and work with data management systems, with advanced digitizing, editing, and queries techniques in ArcGIS / FME / AutoCAD.
- Experience with advanced Excel functions (e.g. Macros) and one or more statistical software programs (SPSS, R, JMP).
- Knowledge of spatial data creation methods and techniques, data sets and spatial product delivery design and production.
- Knowledge of and skills in the principles, techniques and methods of quantitative data analysis and forecasting.
- Experience generating statistical reports and using visualizations in 2D and 3D to communicate findings with internal and external stakeholders.
- Knowledge of and skills in the principles, techniques, methods, and nomenclature of geography, cartography, mapping, map projections, coordinate systems, and coordinate conversions.
- Familiarity with Municipal Planning Act, Provincial Growth Plans and the City's Official Plan.
- Ability to work outside regular business hours, as required.

If you are an energetic person who is interested in bringing your knowledge and passion to the City of Vaughan, please [click here](#) to apply online by **Tuesday, August 29, 2017**

Please note that only candidates selected for interviews will be contacted.



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*The City of Vaughan is committed to diversity and inclusivity in employment and welcomes applications from qualified individuals of diverse backgrounds. The City of Vaughan is also committed to providing accommodations for people with disabilities. If you require an accommodation, we will work with you to meet your needs.*