City of Pompano Beach
Open Competitive
Job # 19-045

Opening Date: 04/26/19
Closing Date: Open Until Filled

Position

ENGINEERING TECHNICIAN

Salary

Biweekly: $1,992.91 - $2,804.17
Annual: $51,815.71 - $72,908.37

Work Days/Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m., or Tuesday - Friday 7:00 a.m. - 6:00 p.m., or Monday - Thursday 7:00 a.m. - 6:00 p.m.

Job Status: (X) Full time (   ) Part time/temporary

Department/Number: Engineering/3010
Pay Plan/Grade: 42/24

Position Summary (Major Job Duties)

Technical position that works with Geographic Information System (GIS) and assists in the review of plans, designs and field work related to analysis and observation of engineering projects. Assists with the development and maintains the geographic information systems (GIS) databases, map documents, and online assets, using Environmental Systems Research Institute's (ESRI) GIS software, and AutoCAD software; performs quality control checks to ensure the integrity of the databases. Assists creating maps and drawings, such as site plans, floor plans, engineering standards, utility plans. Reviews and analyzes plans and design specifications. Assists in the revisions and preparation of final plans and designs for a variety of City projects; tabulates quantities and cost estimates. Performs GIS software operations such as topological processing and spatial queries. Generates and assembles computer maps for specific purposes. May collect field data utilizing Global Positioning System (GPS) technology. Provides City GIS data, Utility Maps, Right of Way Maps, City Standards, and As Built Drawings. Conducts mapping research, in the field and office, to resolve conflicting information and to verify the accuracy of data. Prepares graphic presentations. Performs related work as required.

Qualifications (Education, work experience, special requirements)

High school diploma or equivalent from an accredited issuing agency, preferably supplemented by college-level coursework in Geographic Information System (GIS) and computer science, civil engineering, urban planning, geography, engineering technology or a related field. Possess at least two (2) years of paid work experience using Environmental Systems Research Institute’s (ESRI) ArcMap GIS software and AutoCAD software. Completion of two years of coursework at an accredited college or university in one of the fields described above, which included at least six (6) semester hours of GIS coursework, may be substituted for the experience requirement. A comparable amount of training and experience may be substituted for the minimum qualifications. Possession of a valid Florida driver's license. Knowledge of the standard terminology, techniques, and practices of engineering technology appropriate to the area of assignment. Knowledge of Environmental Systems Research Institute’s (ESRI) GIS software and Computer Aided Design AutoCAD software. Knowledge of the principles, practices, techniques, and instruments of engineering drafting. Ability to perform technical computations, analyze complex data, and prepare plans based on findings. Ability to read and interpret maps, construction plans, plats and legal descriptions, pertinent to the area of assignment. Ability to make independent investigations to verify the accuracy of data. Knowledge of computers and operating systems. Knowledge of graphic workstations. Knowledge of input/output devices such as scanners and large format printers. Knowledge of relational databases and basic Structural Query Language (SQL). Knowledge of GPS technology and data collection techniques, as required, depending on the area of assignment. Ability to effectively communicate and interact with other employees and the public. Ability to see, read, talk, hear, handle or feel objects and controls. Ability to effectively use and operate various items of office related equipment. Some standing, walking, moving, climbing, carrying, bending, kneeling, crawling, reaching, and handling, pushing, and pulling. Light to medium lifting.

Candidates are required to apply online. Visit http://pompanobeachfl.gov and then click Job Opportunities for instructions.

Human Resources Department, 100 West Atlantic Blvd., Pompano Beach, FL 33060
Phone (954) 786-4626 Fax (954) 786-5553 Job line (954) 786-4693 http://pompanobeachfl.gov
The City of Pompano Beach is an Equal Opportunity Employer

SEE PROCEDURE AND BENEFITS LINK ON WEBSITE FOR ADDITIONAL INFORMATION