



# Lake County Illinois

## Legislation Text

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File #: 13-1036, Version: 1

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Joint resolution authorizing a professional services agreement with RJN Group, Inc. in the amount of \$120,000 for engineering services for the Southeast Lake FPA Smoke Testing Project.

- The Des Plaines River Water Reclamation Facility (WRF) and Southeast Interceptor Sewer serve the Villages of Bannockburn, Buffalo Grove, Deerfield, Hawthorn Woods, Lake Zurich, Lincolnshire, Long Grove, Riverwoods and unincorporated portions of southern Lake County.
- After a quality based selection process, RJN Group was awarded a contract to install and monitor sixteen flow monitoring stations within Lake County's Southeast Lake Facilities Planning Area (FPA) for the purpose of identifying and quantifying infiltration and inflow sources within the subareas.
- As a result of the flow monitoring, high storm water inflow rates have been identified in three sub areas: Forest Lake, Long Grove north of Route 22, and Long Grove south of Route 22.
- To identify inflow sources, the best available technology is to smoke test the sanitary sewers.
- Smoke testing is a specialized service that RJN Group, Inc. can perform.
- As a result of RJN's work on the system and their successful work on other sewer projects, it is recommended a professional services agreement be authorized.
- This resolution authorizes and directs the County Purchasing Agent to execute an Agreement for Professional Services with RJN Group, Inc. of Wheaton, IL in the amount of \$120,000 for this work.

### RESOLUTION

**WHEREAS**, the County of Lake (County) owns, operates and maintains the Des Plaines River Water Reclamation Facility (WRF) and the Southeast Interceptor Sewer serving the Southeast Lake Facilities Planning Area; and

**WHEREAS**, the County provides wholesale sanitary sewer service by contract to several municipalities within the Southeast Lake FPA including Bannockburn, Buffalo Grove, Deerfield, Hawthorn Woods, Lake Zurich, Lincolnshire, Long Grove, and Riverwoods; and

**WHEREAS**, in order to identify and reduce inflow and infiltration the County has programmed a Southeast Lake FPA Smoke Testing Project; and

**WHEREAS**, due to the specialized nature of this project, the County requires services from an engineering firm qualified in this type of engineering; and

**WHEREAS**, the RJN Group, Inc. is qualified to provide the specialized engineering services related to this project; and

**WHEREAS**, the County has a long standing, successful relationship with RJN Group, Inc. for work of similar nature and the knowledge gained through this relationship adds value integral to the services provided; and

**WHEREAS**, an Agreement has been negotiated with RJN Group, Inc. to provide the necessary

engineering services; and

**WHEREAS**, execution of an Agreement for Professional Services must be authorized by Resolution of this County Board.

**NOW, THEREFORE, BE IT RESOLVED**, by this County Board of Lake County, Illinois, that the Purchasing Agent is hereby authorized and directed to execute the attached Agreement for Professional Services with RJN Group Inc., Wheaton, IL, in the amount of \$120,000 for engineering services associated with the Southeast Lake FPA Smoke Testing Project and charging the costs thereof to Account Numbers 610-4854798-71170-48110.

**DATED** at WAUKEGAN, LAKE COUNTY, ILLINOIS, on this 8<sup>th</sup> day of October, A.D., 2013.