

DuPage County HSPF methods update, TSF support, and training

DuPage County Stormwater Management is soliciting Statements of Interest (SOI) from qualified engineering and environmental firms to provide professional services to modernize the methods used to update the County's hydrologic database and create land surface runoff files (LSROs) using the hydrologic Simulation Program – Fortran (HSPF) hydrology model. Other tasks include the creation of time series files (TSFs) through water years 2014 and 2017 utilizing these new methods, the development of a hydrology procedures manual and the training of DuPage County engineering staff. The firm selected will work with staff from the USGS to develop the modernized procedures. The scope of services will include the following tasks:

- Update HSPF modeling methods and database
- Collect meteorologic data through 2017
- Extend database and verify Countywide hydrologic parameters
- Create historical TSFs through 2014 and 2017
- Develop procedures manual and train County staff

If interested in being considered for this project, we request that your SOI consider the items noted in the project information below:

- Must be able to demonstrate an understanding of, and have experience with HSPF, HSP2, FEQ and HEC-RAS Modeling Programs.

Consultant Key Staffing

- Primary consultant must be able to demonstrate an understanding Advanced Hydrology and Hydraulics
- At least one (1) Civil or Environmental Engineer (must be Illinois Licensed Professional Engineer).

Project Parameters

- Certain project tasks will be completed in cooperation with the USGS.
- This project will utilize a direct labor multiplier or approved equal method of compensation.

Selection Criteria and Weighting:

Technical Approach	30%
Firm Experience	25%
Staff Capabilities	30%
Work Load Capacity	10%
DBE/WBE Participation	5%

Statements of interest are due by 3:00 pm on March 21, 2019, and may either be mailed to:

Sarah Hunn, P.E.
Deputy Director
DuPage County Stormwater Management
421 North County Farm Road
Wheaton, IL 60187

Or submitted electronically through the DuPage County QBS Link:

<http://www.dupageco.org/ProServiceSelection/NewStarts.aspx>