

Request for Statement of Interest (SOI)

Will County Division of Transportation (WCDOT)

Pavement Management Services

The Will County Division of Transportation is using its Qualifications Based Selection (QBS) process to seek professional services from a qualified consultant to provide Pavement Management Services for roadways on the WCDOT highway system.

The attached Project Description provides a summary of major items that are likely to be encountered during the course of the services required. Please refer to the following Project Description for more information on this project.

Your Statement of Interest (SOI) document shall be submitted electronically via email no later than **June 18, 2021 at 12:00 Noon** to WCDOTconsultantservices@willcountyillinois.com. The SOI shall have a maximum length of two (2) pages, including any charts, diagrams, or pictures. Any SOI received after the above noted deadline will not be part of the consultant selection process.

The short-listed firms will be posted on our Consultant Selection Summary Table at:

<http://www.willcountyillinois.com/County-Offices/Economic-Development/Division-of-Transportation/Consultant-Selection>

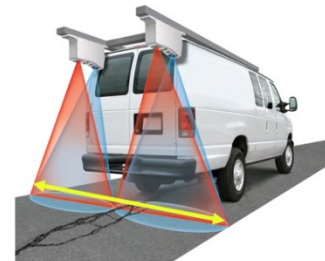
Any consultant submitting a SOI is subject to Prequalification requirements set in the QBS guidelines. More information regarding the QBS process may be found at:

<http://www.willcountyillinois.com/County-Offices/Economic-Development/Division-of-Transportation/WCDOT-QBS>

PAVEMENT MANAGEMENT SERVICES - PROJECT DESCRIPTION

The consultant will provide Pavement Management Services (PMS) for the various items, requested by the WCDOT, for use in preparing a pavement preservation program for the existing WCDOT highway system. This service shall include all of the various items listed.

The primary equipment used for this service is a Digital Survey Vehicle (DSV). The DSV uses GPS, lasers, and cameras to provide data for roadway assessment needs. GPS receivers are used to provide accurate locations of where the data collections are taken from. Lasers are used to measure the surface conditions of roadways and access the pavement needs. Measurements pertaining to the longitudinal profile and transverse profile are gathered to determine the roughness, rutting, and cross slope. Cameras are also used to collect high resolution images of the roadway and surrounding area.



Tasks included:

- Survey data collection, using a Digital Survey Vehicle (DSV) and rating the pavement condition of each roadway on the WCDOT highway system using IDOT's Condition Rating System (CRS).
- Structural analysis of roadway on the WCDOT highway system.
- Profile data collection identifying the roughness of the existing WCDOT highway system using the International Roughness Index (IRI).
- Collect automated and geo-referenced high-resolution digital images of existing WCDOT highway system roadways.
- Analyze data to assign maintenance, repair, and rehabilitation priorities to the highways.
- Provide a written report of findings based on the PMS collection of data.
- Coordination with Will County staff.
- Data collection within this contract shall be completed before winter weather sets in or by November 1, 2021. Reports should be submitted to WCDOT by December 1, 2021.

The selected consultant will be responsible for providing all roadway data listed above for all existing WCDOT highway system roadways. Full access to the data and the software used for the analysis, calculation, images, and results, etc. will be made available to WCDOT staff for future use.

It is presumed the consultant will make one submittal to WCDOT. The submittal will consist of the data collected, in the particular software needed to run the roadway data, and the software itself for future iterations.

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