



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 5.i

Title: Recommendation to Award Contract for Roadway Testing Services to Infrastructure Management Services (IMS)

Presenter: Karen Young

Meeting: Government Services Committee

Date: March 27, 2017

Proposed Cost: \$ 59,831

Budgeted Amount: \$70,000

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

In June 2009 and September 2012 the City Council approved the recommendation by staff to utilize the services of Infrastructure Management Systems (IMS) for a citywide street rating analysis and an update to the City’s pavement management program. As part of this program roadway re-analysis is typically performed every four to five years to encompass any capital improvement pavement changes and updates the deterioration of existing roadways. This analysis will be the third pavement management analysis for the City. The Program elements include:

- **Surface Condition Analysis** – This uses a laser road surface tester, which evaluates the current surface condition.
- **Deflection Testing** – Using a Dynaflect machine, the capabilities of the pavements, base and subgrade sections, and interaction between these sections will be evaluated.
- **Pavement Management Software Program** – This program will allow the City to manage and interpret the collected data in a variety of “what if” scenarios which will help to determine the best overall maintenance program. The program will also evaluate budgetary scenarios, providing useful information on upcoming fiscal requirements.
- **Global Positioning System (GIS) and Pavement Management** – Collected data can be used with our current GIS program to produce color maps based on existing pavement conditions or street rehabilitation plans. Queries can also be made of future infrastructure rehabilitation programs to better plan and manage resources.
- **Photo Imaging** – Additional photo imaging of all existing roadways and parkways.

The proposal provided by IMS is based on Northeast Illinois Partnering Contract (a Consortium of North and Northwest Chicago area Municipalities). It was established in 2011 by a group of North Shore Village/City Managers to easily acquire quality services at favorable prices. IMS was selected to provide pavement management engineering services to member agencies following a comprehensive review of services offered, previous track record for area agencies and cost of services. St. Charles pricing is based on the consortium price structure even though the City is not a member agency and proposal pricing was verified against those included in the consortium. The referenced municipalities selected IMS because of their reputation, consortium pricing and proprietary PavePRO Manager Software developer expertise. St. Charles has been pleased with the work performed by Infrastructure Management Services.

Attachments *(please list):*

None

Recommendation/Suggested Action *(briefly explain):*

Recommend approval to award contract for roadway testing services to Infrastructure Management Services for an amount not to exceed \$59,831