

## Public Notice of Proposed Award of Sole Source Procurement

### Section A – Description of Proposed Sole Source Procurement

**Description of Supplies/Services:** InnoVyzte InfoWorks ICM-Sewer Edition, InfoWorks ICM Viewer, InfoMaster Sewer, InfoWater Executive Suite, InfoWater, and InfoWater UDF Software are a set of modules combined to form one platform.

- **InfoWorks ICM-Sewer Edition** (Integrated Catchment Modeling) - Incorporate both urban and river catchments, both the above- and below-ground elements of catchments and can be modeled to accurately represent all flow paths. It gives engineers the ability to create a single model for sanitary sewer and combined sewer systems that contains the manholes, pipes, and inlets.
- **InfoWorks ICM Viewer** - Allows you to import existing InfoWorks databases and view the data and results. Everything appears just as it does in InfoWorks. It is fully functional with respect to its ability to view data and results in the various graphical and grid views. This applies for both static and time varying data and results.
- **InfoMaster Sewer** - A highly advanced and powerful analytical asset management tool, that uses state-of-the-art mathematical models to predict when a water or sewer pipe will fail, helping utilities determine the most cost-effective solution for avoiding or correcting the problem. It is a powerful ArcGIS-based computer program for use in the planning, design, analysis, and expansion of sanitary, storm and combined sewer collection systems, which can be effectively used to model both dry-weather and wet-weather flows.
- **InfoWater Executive Suite** – Known as **InfoWater MSX** (Multi-Species eXtension) adds very powerful modeling capabilities including the unprecedented ability to accurately model multiple interacting contaminants (using water quality components rather than contaminants) as well as sediment deposition and re-suspension in drinking water distribution systems.
- **InfoWater** - Is a fully GIS integrated water distribution modeling and management software application. Built atop ArcGIS™ using the latest Microsoft .NET and Esri ArcObjects component technologies which seamlessly integrates advanced water networks.
- **InfoWater UDF** - Delivers unprecedented power and flexibility in managing the systematic flushing of water distribution systems to restore hydraulic capacity by removing stagnant water and mineral and sediment deposits that have accumulated over

time. Unidirectional flushing (UDF) is the most effective way of cleaning water mains and maintaining water quality and system capacity.

**Demonstration of Contractor’s Unique Qualifications:**

Innovyze software systems gives engineers the ability to create a single model for sanitary sewer and combined sewer systems that contains the manholes, pipes, inlets, storm water runoff and the water distribution system. It builds a detailed picture of water & sewer target areas and will give a clear understanding of the pressures and influences of its water & sewer flow and the threats surrounding the condition of water & sewer pipes. Innovyze software systems is designed to provide the following:

- The software give you a flexible managing tool that helps restore system capacity by managing the removal of stagnant water and flushing your system unidirectionally (InfoWater UDF)
- Allows planning, design, analysis, and expansion of sanitary, storm and combined sewer collection systems. Give Engineers the ability to create a single model that contains the manholes, pipes, and inlets (Infoworks ICM-Sewer Edition)
- A program that can be effectively used to model both dry-weather and wet-weather flows (InfoWater Executive Suite)
- Helps determine the most cost-effective and reliable method of wastewater collection (InfoMaster Sewer)
- Innovyze software has advance feature that will fit engineer needs (InfoWorks ICM Viewer)
- The software features a fully integrated GIS water distribution modeling management tool (InfoWater)

**Section B – To Be Completed by the Department of Purchasing and Contracting**

**Market Survey Results**

**Date Public Notice posted on website:** 1-10-2018

**Date Public Notice closed:** 1-17-2018

**Review of Offers**

Were any offers received (Yes/No): No

Number of offers received: 0

Responders: None

**Purchasing Agent review and recommendation:**

Recommendation is to continue with the use of this sole source vendor.

There are other companies that provide water distribution and sewer modeling software. However, Innovyze, Inc. has provided a customized water distribution and sewer system modeling software package to the County since 2006. This software uses mathematical modeling to predict water or sewer pipe failures; allows for the creation of a single model for the sanitary sewer and sewer system; and allows for the modeling of the water distribution system. Additionally, the InfoWorks ICM-Sewer Edition, InfoWorks ICM Viewer, InfoMaster Desktop Sewer Floating, InfoWater Executive Suite Floating, InfoWater Floating, and InfoWater UDF Floating software modules have been able to integrate with the County's existing CityWorks and geographic information system.

The Innovyze, Inc. software is proprietary so the software, maintenance, and training can only be provided by Innovyze, Inc.

Finally, DeKalb County has been utilizing this software for many years to help manage the consent decree program. Switching to a new vendor that offers the same or something similar will have an acquisition cost, coupled with time and training, that will outweigh the economic benefit of not continuing in the use of Innovyze software modules. Additionally, switching to a new vendor could contribute to delays in meeting the Consent Decree deadlines.

- Spend History:  
2018: 20,400.00  
2017: \$48,400.00  
2016: \$127,525.00  
2015: \$36,000.00  
2014: \$123,000.00  
2012-2013: \$82,120.00  
2006 - 2011: \$348,004.00

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Procurement Manager Signature

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6/8/18

Date