Memorandum

City of Lawrence

Utilities Department

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| **TO:** | **David L. Corliss – City Manager****Cynthia Wagner - Assistant City Manager****Diane Stoddard - Assistant City Manager** |
| **FROM:** | **Nicholas Hoyt – I/I Manager** |
| **CC:** | **Dave Wagner – Director of Utilities****Mike Lawless – Deputy Director of Utilities****Philip Ciesielski – Assistant Director of Utilities****Beth Krishtalka – Assistant to Director** |
| **Date:** | **January 28, 2014** |
| **RE:** | **Agenda Item** – **Advertise Request for Proposals R1400 for Engineering Services for Project UT1402 City of Lawrence Flow Monitoring Program.** |

Please include the following item on the City Commission agenda for consideration at the February 4, 2014 meeting:

**Authorize staff to advertise Request for Proposals R1400 for Engineering Services for Project UT1402 City of Lawrence Flow Monitoring Program.**

**Project Background**

The City of Lawrence is implementing a Rapid Inflow and Infiltration (I/I) Reduction Program. The objective of the Rapid I/I Program is an overall 35% reduction of I/I within the project area. This will amount to removal of approximately 19 MGD of peak I/I occurring during the 10-year design storm. Reducing I/I by 35% eliminates the need to construct projects that address system capacity deficiencies in the Burroughs Creek interceptors and the need for wet weather treatment capacity expansion at the Kaw WWTP.

The flow data collected as part of this project will be used to determine the effectiveness of the I/I removal program, perform sewer system capacity assessment, characterize flows within basins, address wet weather problems, calibrate/verify the sanitary sewer model, and guide I/I removal efforts moving forward.

**Project Description**

This project is anticipated to include installation, field servicing, data adjustment, and data reporting for 20 sanitary sewer flow monitoring sites (6 permanent and 14 temporary) at various locations throughout the city, see [attached](figure1_map.pdf) Figure 1.

**Project Schedule**

City Commission Approval to Advertise RFP February 4, 2014

Responses to RFP Due February 28, 2014

City Commission Agenda Item to Negotiate

Engineering Services March 18, 2014

**Project Funding**

The project is included in the Department of Utilities 2014 operations and maintenance budget and 2013 capital improvement budget.

**Action Request:**

**Authorize staff to advertise Request for Proposals R1400 for Engineering Services for Project UT1402 City of Lawrence Flow Monitoring Program.**

Thank you for your assistance. Please advise if you have any questions.