

**CITY COUNCIL
COMMUNICATION:**

02-504

AGENDA:

SEPTEMBER 23, 2002

SUBJECT:

REQUEST TO ISSUE
AN RFP FOR THE
PROCUREMENT OF
A SEWER
INFRASTRUCTURE
MANAGEMENT
SYSTEM

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

WILLIAM STOWE
PUBLIC WORKS
DIRECTOR

ITEM _____

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

SYNOPSIS —

The Public Works Department performs a broad range of sanitary and storm sewer infrastructure maintenance activities. Multiple data sources used to identify problem areas, evaluate system performance, and prioritize work now require integration to maximize overall effectiveness of the maintenance function. Information currently available in GIS, PeopleSoft, and HEAT needs to be linked together with systems software to enable staff to more effectively analyze and organize both routine and major sewer maintenance efforts. In order to decrease the time required for analysis and to more effectively utilize existing resources, the Public Works Director is requesting authorization to issue a Request for Proposal (RFP) for procurement of a sewer infrastructure management system.

FISCAL IMPACT —

\$150,000. Funding for this software package is in Fund CP034, Organization Code ENG990000, Account Code 544250.

RECOMMENDATION —

Authorize the Public Works Director to issue an RFP for a sewer infrastructure management system for use by the Public Works Department, as well as other City departments where applicable.

BACKGROUND —

Day-to-day operations in the Public Works Department's Sewer Operations Division require staff to assign manpower, materials, and equipment activities in a cumbersome paper system, which consists of daily progress sheets, employee time sheets, bills of lading, delivery reports, etc., in order to track the costs associated with maintaining the City's sewer infrastructure. Staff currently uses several different software applications to track the raw and historical data needed to fulfill the reporting requirements to the appropriate state and federal agencies.

By implementing a sewer infrastructure management system which links its data to the current GIS, PeopleSoft, and Customer Complaint System (HEAT), staff will be able to improve efficiencies and effectiveness of operational maintenance efforts and to share that data with the Engineering Department to analyze and make determinations where to best focus capital improvement funds.

	<p>There are several software packages available which staff may select from. To assist staff in managing such an extensive infrastructure system, the department is seeking authorization to proceed with an RFP for a sewer infrastructure management system software application.</p>
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