

# REPORT

To the Honorable Mayor and City Council  
From the City Manager

May 22, 2006

## **Subject**

Consultant Agreement with RMC Water and Environment for Sewer System Modeling, Capacity Assessment, and Master Planning

## **Recommendation**

Approve and authorize an agreement with RMC Water and Environment, of San Jose, California, for providing Consulting Engineering Services for sewer system modeling, capacity assessment, and master planning, in an amount not to exceed \$189,520.00.

## **Background**

The City's last sewer system master plan was completed in 1986 in conjunction with water and storm drainage system plans. Engineering & Construction is undertaking a comprehensive update of the sewer system master plan as a result of development and redevelopment activities, more stringent sewer system management documentation mandated by the Regional Water Quality Control Board, and the need to maximize improvement to the sewer system by strategic prioritization of capital improvement projects.

One of the strong elements that can be used to support a sewer master plan is a hydraulic model of the collection system. Once the hydraulic model is established, scenarios of current flow demands, as well as future flow demands during both wet and dry weather, can be evaluated to determine possible system capacity deficiencies.

Proposals were submitted by three consulting firms (RMC Water and Environment, Nolte and Associates, & Kennedy/Jenks Consultants). After reviewing the proposals, RMC Water and Environment shows to be highly experienced and knowledgeable in developing sewer models, and planning and assessing sewer systems.

RMC will assist the City in selection of the model software; development of the design flow, hydraulic criteria, land use loading information used to develop the hydraulic model; evaluation of different flow scenarios; and recommendation for capacity relief projects for the Capital Improvement Program.

A complete copy of the agreement is available for review in the City Clerk's office.


**Alternative**

Do not approve the consultant agreement, resulting in a delay of the development of a much needed hydraulic model to evaluate current and future sewer flows, and to identify any capacity deficiencies.

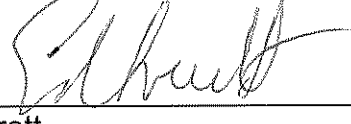
**Fiscal Impact**

Funds in the amount of \$350,000.00 have been appropriated for sewer collection system from the FY 2005-2006 Sewer Enterprise Fund.

  
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Grace Lee, P.E.  
Associate Civil Engineer

  
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Chu Chang, P.E.  
Manager, Engineering & Construction

  
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Joel Patterson  
Community Development Services Director

  
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Ed Everett  
City Manager

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