



Staff Report

RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH RMC WATER AND ENVIRONMENT FOR SANITARY SEWER EVALUATION AND MASTER PLANNING FOR AN AMOUNT NOT TO EXCEED \$355,140

Honorable Mayor and Council Members:

Summary

City Council approval is requested to complete a professional services agreement with RMC Water and Environment for the sanitary sewer system evaluation and development of the sewer master plan.

Background

The existing wastewater collection system of the City of Belmont ranges in age from 40 to 100 years and consists of approximately 78 miles of gravity sanitary sewers and force mains, 1500 manholes and 11 pump stations. The pipes range in size from 4 to 27 inches in diameter. The area is approximately 2,350 acres, serving a population of about 25,000 residents. Wastewater is pumped to the South Bayside System Authority's Water Pollution Control Plant in Redwood City for treatment and disposal.

The City prepared the Sewer System Master Plans to guide capital improvements in the 1960s, 1970s, and 1980s and conducted an infiltration and inflow study in 1991. Over the past thirteen years, the Department of Public Works completed a program to systematically assess, repair, and upgrade the City's sanitary sewer system. The sewer system was divided into fifteen drainage basins and each year one or more basins have been selected for a two- to four-year rehabilitation process consisting of inspection, design, repair (pipelining or pipe bursting) or replacement construction.

It is now time to reassess and analyze the sanitary sewer system in the context of current regulatory and asset management requirements. The City needs to complete a new Sewer Master Plan to guide the Capital Improvement Program plan and to comply with new State Sanitary Sewer Management Plan requirements.

Discussion

The City budgeted \$80,000 in FY05 to start the Sewer Master Planning project. In February 2005, City staff conducted a selection process to choose consultant services to update the City's Sanitary Sewer Master Plan. The updated Master Plan will:

1. Comply with all aspects of the most recent requirements of the State Regional Water Quality Control Board (RWQCB)
2. Improve the performance and reliability of the sanitary sewer system
3. Reduce ongoing maintenance costs and SBSA treatment costs
4. Reduce groundwater infiltration and storm water inflow (I/I)
5. Provide adequate capacity to reduce incidents of overflow
6. Maintain the value and extend the service life of this publicly owned asset
7. Comply with current and anticipated future public health and environmental regulations

Five consultants submitted proposals to the City. City staff evaluated these proposals, conducted interviews and selected RMC Water and Environment based on qualifications and experience in the Sewer Master Planning field. Staff awarded the first phase of work for \$78,785 in accordance with the City's purchasing ordinance. The first phase of the project work started in April and involved the scope of work and schedule, evaluation of the current sanitary sewer system and related capital improvement projects, preliminary data collection for hydraulic modeling and infiltration and inflow analysis.

The remaining components of the new Sanitary Sewer Master Plan work are included in the FY06 budget. City staff requests City Council's approval to amend the Professional Services Agreement with RMC Water and Environment to increase scope of work and budget from \$78,785 to \$355,140 for this project.

Fiscal Impact

The value of the amended Professional Services Agreement with RMC Water and Environment is \$355,140, which includes \$78,785 drawn from the Capital Improvement Program FY 2004-2005 and \$276,355 budgeted in FY 2005-2006, Account Number 503-4326-7058-9030.

Public Contact

Public contact consists of posting the City Council agenda.

Recommendation

It is recommended that the City Council adopt the attached resolution approving the Amendment to the Professional Services Agreement with RMC Water and Environment for the sanitary sewer system evaluation and development of the sewer master plan to comply with the State Sanitary Sewer Management Plan (SSMP) requirements.

Alternatives

1. Refer back to staff for additional information.
2. Deny approval.

Attachments

- A. Resolution

Respectfully submitted,

Bozhena Palatnik
Assistant Civil Engineer

Raymond E. Davis III, PE, PTOE
Director of Public Works

Jack R. Crist
Interim City Manager

RESOLUTION NO. _____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH RMC WATER AND ENVIRONMENT FOR SANITARY SEWER EVALUATION AND MASTER PLANNING FOR AN AMOUNT NOT TO EXCEED \$355,140

WHEREAS, the City of Belmont had budgeted \$80,000 in FY04-05 and \$350,000 in FY05-06 to evaluate the City sewer system and create a sewer master plan; and,

WHEREAS, in February 2005 the City of Belmont had solicited proposals from the qualified engineering firms to evaluate the City sewer system and prepare a sewer master plan; and,

WHEREAS, five consultants submitted their proposals for the project; and,

WHEREAS, RMC Water and Environment was selected based on qualifications and experience to conduct the project; and

WHEREAS, RMC Water and Environment started Phase I of the project in April 2005; and,

WHEREAS, the City of Belmont is asking City Council's permission to start expand the scope of work and increase budget for the sewer master planning and sanitary sewer evaluation project from \$78,785 to \$355,140.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Belmont:

- (1) Directs the City Manager to execute an Amendment to the Professional Services Agreement with RMC Water and Environment; and,
- (2) Approves the funding for the Amendment to the Professional Services Agreement in the amount of \$355,140, from the Capital Improvement Program, Account Number 503-4326-7058-9030.

* * * * *

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on September 13, 2005 by the following vote:

AYES, COUNCILMEMBERS: _____

NOES, COUNCILMEMBERS: _____

ABSTAIN, COUNCILMEMBERS: _____

ABSENT, COUNCILMEMBERS: _____

CLERK of the City of Belmont

APPROVED:

MAYOR of the City of Belmont