

**City of Culver City, California
Agenda Item Report**

Meeting Date: 01/13/2014		Item Number: <u>C-4</u>	
CITY COUNCIL AGENDA ITEM: Authorization to Release a Request for Proposals for the Preparation of the City's Sanitary Sewer Master Plan			
Contact Person/Dept.: Mate Gaspar		Phone Number: (310) 253-5602	
Fiscal Impact: Yes ☐ No ☒		General Fund: Yes ☐ No ☐	
Public Hearing: ☐		Action Item: ☐	Attachments: ☐
Commission Action Required: Yes ☐ No ☒		Date: _____	
Public Notification: (E-mail) Agenda and Meetings – City Council (01/07/2014);			
Department Approval: Charles D. Herbertson (12/30/13)		City Attorney Approval: Carol Schwab (by H. Baker) (01/07/14)	
Chief Financial Officer Approval: Jeff Muir (by M. Noller) (01/07/14)		City Manager Approval: John M. Nachbar (01/07/14)	

RECOMMENDATION:

Staff recommends the City Council authorize the release of a Request for Proposals for the preparation of the City's Sanitary Sewer Master Plan (SSMP).

BACKGROUND:

The Public Works Department is responsible for the maintenance of the City's sanitary sewer system (City's System). The City's System includes 90 miles of sewer pipeline, 7 sewer pump stations, emergency notification sensors, and flow monitoring devices that handle about 4 million gallons of sewage a day. The City System connects to City of Los Angeles trunk sewer lines which carry the sewage to the Hyperion Wastewater Treatment Plant. There is a 30 year agreement between Culver City and the City of Los Angeles (executed in 1999) for disposal and treatment of the sewage at the Treatment Plan.

The purpose of having a SSMP is to determine if the City's System has sufficient capacity to accommodate planned future growth. The SSMP would recommend capacity enhancements to the City's System based on anticipated future development.

A Master Sewer Plan for Culver City was completed in 1970. In 1974, an update of this Master Sewer Plan was made to reflect the land use element of the General Plan adopted by the City in 1973.

Another Sewer Master Plan was prepared in 1995 and contained recommendations for sewer capacity enhancements. As a result, several capital

City of Culver City, California
Agenda Item Report

improvement projects were undertaken from 1998 to 2002 that replaced certain existing sewer pipes with larger diameter pipes.

DISCUSSION:

There has been a considerable amount of commercial redevelopment throughout the City since 1995. Many commercial redevelopments increased the amount of sewage deposited into the City's System. The 1995 Sewer Master Plan took into account some of the expected commercial redevelopment. However, the popularity of Culver City as a business and residential location exceeded the expectations included in the 1995 Sewer Master Plan. Also the 1995 Sewer Master Plan did not foresee a major water conservation effort through installation of more efficient appliances and public education.

Should the City Council authorize the release of the RFP and ultimately award a professional services agreement for the contemplated work, a qualified consultant would review the current flow data, obtain additional flow data with temporary sensors (if needed), review the City's land use element, and input the information in a GIS hydraulic modeling software program. The program will model how the City's System is functioning during peak sewer flows and report any expected capacity deficiencies. The RFP will require that the consultant deliver the software program to the City upon completion of the preparation of the SSMP. The program can then be used by staff to input new development sewer flow information and determine any impacts to the City's System. This data is expected to be used to determine impacts of proposed developments and the imposition of related conditions on such development related to addressing anticipated impacts to the City's System.

FISCAL ANALYSIS:

There are \$100,000 of sewer enterprise funds approved in the City Council Adopted Budget for Fiscal Year 2013/2014 for the preparation of the SSMP.

ATTACHMENTS:

None.

City of Culver City, California
Agenda Item Report

MOTION:

That the City Council

Authorize the release of a Request for Proposals for preparation of a new City Sanitary Sewer Master Plan.