



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** July 17, 2012

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract For Survey Services For Wastewater Collection System Survey Project

### RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services Contract with Penfield and Smith in the amount of \$211,780 for survey services for the Wastewater Collection System Survey Project, and authorize the Public Works Director to approve expenditures of up to \$21,180 for extra services that may result from necessary changes in the scope of work.

### DISCUSSION:

#### BACKGROUND

The City of Santa Barbara owns and operates approximately 257 miles of wastewater collection system pipe. The collection system is made up of roughly 6,938 manholes and cleanouts and 7,238 pipes ranging from 6 to 42 inches in diameter. To manage these assets, information about the wastewater collection system is stored in the City's Geographic Information System (GIS). The GIS contains attribute data such as the size, location, age, and pipe material for each pipe segment in the collection system. While there is a large amount of attribute data populated in the GIS, there still remains a need to collect more information on the exact location and elevation of the mains and manholes to help better prioritize repair work.

#### PROJECT DESCRIPTION

The Wastewater Collection System Survey Project (Project) consists of surveying approximately 1,742 sewer manholes and storm drain structures throughout the City in order to obtain sewer and storm drain pipe infrastructure elevations. The data will allow staff to analyze the spatial relationship between the sewer and storm drain infrastructure in order to improve the way that City staff prioritizes pipes for rehabilitation and repair projects.

## CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Penfield and Smith in the amount of \$232,960 for survey services. A Request for Proposals was issued to six firms for the Project, and Penfield and Smith's proposal best met the City's needs. Staff has negotiated a reasonable cost for services that is responsive to the Request for Proposals.

## FUNDING

The following summarizes all estimated total project costs:

### ESTIMATED TOTAL PROJECT COST

Survey Services (by Contract)	\$232,960
Project Management (City Staff)	\$35,657
<b><i>Subtotal</i></b>	<b>\$268,617</b>
<b>TOTAL PROJECT COST</b>	<b>\$268,617</b>

There are sufficient funds in the Wastewater Fund to cover these costs.

**PREPARED BY:** Joshua Haggmark, Principal Engineer/BR/sk

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

**APPROVED BY:** City Administrator's Office