



MEMORANDUM
PUBLIC WORKS AND FACILITIES
ENVIRONMENTAL ENGINEERING DIVISION
County of Placer

TO: Board of Supervisors
DATE: June 21, 2016

FROM: Ken Grehm, Director of Public Works and Facilities
By: Kevin Bell, P.E. Engineering Program Manager

SUBJECT: Environmental Engineering / Award Construction Contract / Sewer Maintenance District 1 and Sewer Maintenance District 2 / 2016 Trenchless Technology Sewer Rehabilitation Project

ACTION REQUESTED

Approve the award and execution of competitive Bid No. 10551 to Michels Corporation, for the 2016 Trenchless Technology Sewer Rehabilitation Project No. 08251, in the amount of \$227,751.

Authorize the Director of Public Works and Facilities, or Designee, to execute contract change orders up to ten percent (10%) of the contract amount, funded through Sewer Maintenance District 1 and 2 user fees.

BACKGROUND

Several miles of the underground sewer pipes in Sewer Maintenance District 1 (SMD 1), located in the North Auburn area, and Sewer Maintenance District 2 (SMD 2), located in the Granite Bay area, were constructed in the 1960's and 70's. Due to their age many pipes have developed cracks, separated joints or other defects. These defects result in infiltration of rain water causing higher flows in the collection system and at the wastewater treatment plants. This infiltration results in higher operational costs and is a contributing factor to sewer spills during major storm events.

Trenchless technology is a generic term that includes a number of methods for installing and rehabilitating underground pipelines without excavation. These methods significantly lower the cost and reduce the time required to rehabilitate and extend the useful life of the pipe. The 2016 Trenchless Technology Sewer Rehabilitation Project (Project) provides for sewer pipe rehabilitation of approximately 1,900 linear feet in SMD 1 and 1,243 linear feet in SMD 2 using Cure In Place Pipe (CIPP) technology. CIPP uses a resin impregnated felt liner pulled into place and inflated with steam to mold the liner to the inside of the damaged pipe.

Your Board approved the Project plans and specifications and authorized the Director of Public Works and Facilities, or designee, to advertise for bids on May 6, 2016. Bids were opened on May 25, 2016. Four (4) bids were received and are summarized in the attached Bid Tabulation. The lowest responsive bidder was determined to be Michels Corporation of Salem, Oregon, with a bid of \$227,751. In order to proceed with the Project, staff recommends your Board approve the award and execution of the Contract and authorize the Director of Public Works and Facilities, or designee, to execute contract change orders.

ENVIRONMENTAL IMPACT

This Project is exempt from CEQA review pursuant to CEQA Guidelines Section 15302, Replacement and Reconstruction. Section 15302(c) allows for replacement or reconstruction of existing utility facilities involving no or negligible expansion in capacity.

FISCAL IMPACT

The estimated total Project cost is \$265,000 (\$148,500 for SMD 1 and \$90,000 for SMD 2) which includes an approximate ten percent (10%) contingency. Adequate funding for the Project is included in the FY 2015-16 Budgets for SMD 1 and SMD 2. The Project is funded through SMD 1 and SMD 2, user fees.

ATTACHMENTS

Bid Tabulation

BID TABULATION
2016 TRENCHLESS TECHNOLOGY SEWER REHABILITATION
PROJECT NO. 08251

BID DATE: May 25, 2016

<u>CONTRACTOR</u>	<u>LOCATION</u>	<u>BID AMOUNT</u>
1. Michels Corporation	Salem, OR	\$227,751
2. NorCal Pipeline Services	Fairfield, CA	\$237,179
3. Insituform	Chesterfield, MO	\$245,612
4. Nuline Technologies	Encinitas, CA	\$258,452
Engineer's Estimate:		\$238,500