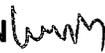


**MEMORANDUM
DEPARTMENT OF FACILITY SERVICES
COUNTY OF PLACER**

To: **BOARD OF SUPERVISORS**

Date: **JULY 26, 2011**

From: **JAMES DURFEE / WILL DICKINSON** 

Subject: **PROJECT 08243 - 2011/12 TRENCHLESS TECHNOLOGY SEWER
REHABILITATION**

ACTION REQUESTED/RECOMMENDATION:

1. Staff recommends that your Board take the following actions with regard to Project 08243, 2011/12 Trenchless Technology Sewer Rehabilitation; approve Plans and Specifications and authorize staff to solicit bids.
2. Adopt the attached Resolution authorizing the Director of Facility Services, or his designee to execute the resulting contract, in an amount not to exceed \$322,426, upon Risk Management's and County Counsel's review and approval, and approve any required change orders consistent with the County Purchasing Manual and Section 20142 of the Public Contract Code.

BACKGROUND: Several miles of the underground sewer pipes in Sewer Maintenance District 1, North Auburn (SMD 1) and Sewer Maintenance District 2, Granite Bay (SMD 2), were constructed prior to 1975. Due to their age, many pipes have cracks, separated joints or other defects. This results in infiltration of rain water causing higher flows in the collection system and at the wastewater treatment plants.

Trenchless technology is a generic term for a number of different methods utilized for installing and rehabilitating underground utility systems without excavation. This significantly lowers the cost and reduces the time required to rehabilitate the pipe. This project provides for the rehabilitation of approximately 4,812 feet in SMD 1 and 2,000 feet in SMD 2 of sewer pipe 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 old damaged pipe.

In order to proceed with the project, staff recommends that your Board approve the Plans and Specifications, and authorize the Director of Facility Services to execute the resulting contract. The Plans and Specifications are available for review at the Department of Facility Services.

ENVIRONMENTAL CLEARANCE: Rehabilitation and repair of sewer pipes is categorically exempt from environmental review pursuant to Section 15301(b) "Existing Facilities" of the California Environmental Quality Act Guidelines.

FISCAL IMPACT: The Engineer's Estimate for the project is \$293,115. Staff recommends a total project budget of \$322,426 (\$223,426 for SMD 1 and \$99,000 for SMD 2) which includes a 10% contingency in each area. Funding for this project is included in the FY 2011/12 Proposed Budget for SMD 1 and SMD 2.

JD:WD:MB:KW

ATTACHMENT: RESOLUTION

A COPY OF THE PLANS AND SPECS ARE AVAILABLE FOR REVIEW AT THE DEPARTMENT OF FACILITY SERVICES

CC: COUNTY EXECUTIVE OFFICET/FAC/BSMEMO2011NEETRENCHLESS TECHNOLOGY JULY 26.DOC

Before the Board of Supervisors County of Placer, State of California

In the matter of: A RESOLUTION AUTHORIZING
THE DIRECTOR OF FACILITY SERVICES, OR HIS
DESIGNEE TO EXECUTE A CONTRACT AND
APPROVE ANY REQUIRED CHANGE ORDERS
FOR PROJECT 08243 -2011/12 TRENCHLESS
TECHNOLOGY SEWER REHABILITATION

Reso. _____

The following RESOLUTION was duly passed by the Board of Supervisors
of the County of Placer at a regular meeting held _____ by the following vote on
roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chairman, Board of Supervisors

Attest:

Clerk of said Board

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of Supervisors of
the County of Placer, State of California, that this Board approves the Project Plans
and Specifications for Project 08243 - 2011/12 Trenchless Technology Sewer
Rehabilitation.

BE IT FURTHER RESOLVED, by the Board to authorize the Director of Facility Services,
or his designee, to execute the contract in an amount not-to-exceed \$322,426, upon Risk
Management's and County Counsel's review and approval, and approve any required
change orders consistent with the County Purchasing Manual and Section 20142 of the
Public Contract Code.