



M E M O R A N D U M
PUBLIC WORKS AND FACILITIES
ENVIRONMENTAL ENGINEERING DIVISION
County of Placer

TO: Board of Supervisors DATE: March 22, 2016
FROM: Ken Grehm, Director of Public Works and Facilities
By: Kevin Bell, Engineering Program Manager
SUBJECT: Environmental Engineering / Approve Plans and Specifications / Sewer Maintenance
District 2 / Petite Creek Lift Station Improvements Project

ACTION REQUESTED

Approve project plans and specifications for the Petite Creek Lift Station Improvement Project 04968 at an estimated cost of \$485,000, and authorize the Director of Public Works and Facilities, or designee, to advertise for bids.

BACKGROUND

The Petite Creek Lift Station, located at 8765 Petite Creek Way in Roseville, was originally constructed in 1987 to serve the Woodbridge Ranch Subdivision in Sewer Maintenance District 2 and provides sewer service to 77 Equivalent Dwelling Units. Many components of the lift station including pumps, discharge piping, valves and control systems have deteriorated and have reached the end of their useful service life. In addition, there is no emergency storage tank at the site, which requires maintenance staff to use vacuum trucks to remove wastewater from a wetwell during major storm events to prevent spilling.

The Petite Creek Lift Station Improvements Project 04968 (Project) includes replacement of pumps, discharge piping, valves, control systems, installation of a new standby generator, new control building and a new emergency storage tank.

Staff completed the Project Plans and Specifications and intends to proceed with the Project this construction season. In order to proceed with construction of the Project, staff recommends that your Board approve the Plans and Specifications and authorize staff to solicit bids. Staff will return to your Board to award and execute the construction Contract after bidding. A copy of the Project Plans and Specifications are available for review at the Clerk of the Board's office.

ENVIROMENTAL 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 \$600,000, including design, construction and construction management, related costs and contingencies. The engineer's estimate for the construction of the Project is \$485,000, which includes a 10% contingency. Adequate funding is budgeted in the Petite Creek Lift Station Improvements Project 04968 Capital Project Budget funded from Sewer Maintenance District 2 user fees, with no net County cost.

On File with Clerk of the Board: Project Plans and Specifications

