



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Approve Plans and Specifications and Authorize Advertisement for Bids for Pumping Equipment Replacement and Improvements at Well No. 19

MEETING DATE: November 21, 2012

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Approve plans and specifications and authorize advertisement for bids for pumping equipment replacement and improvements at Well No. 19.

BACKGROUND INFORMATION: City Water Well No. 19, located at 601 West Harney Lane, was constructed in June 1980 and produces approximately 1,200 gpm of very high-quality water. The well was taken off-line in August 2012 due to failure of the pump. An inspection of the well and pumping equipment was conducted in August 2012 by Layne Christensen Pump Company. This inspection found that two of the intermediate bowl assemblies were excessively worn, the pump shaft required replacement and the suction impeller was catastrophically damaged. The cost to repair these assemblies with appropriate tolerances would exceed the cost of replacement of the pump and pumping assemblies. The inspection also showed a medium-to-heavy build-up of growth in the louvered screens at the 330-foot depth that needs to be cleaned prior to the well being placed back in service.

This project consists of installation of a new submersible well pump, replacement of column pipe, cleaning of the screens, and system start-up testing. The cost of this project is estimated at \$100,000. The plans and specifications are on file in the Municipal Service Center of the Public Works Department. The planned bid opening date is December 19, 2012.

FISCAL IMPACT: There will be no change in operations costs.

FUNDING AVAILABLE: Funding will be identified at project award.


 F. Wally Sandelin
 Public Works Director

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 Utilities Superintendent
 Compliance Engineer

APPROVED: 
 Konradt Bartlam, City Manager