



**CITY OF LODI  
COUNCIL COMMUNICATION**

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**AGENDA TITLE:** Approve Plans and Specifications and Authorize Advertisement for Bids for the Hutchins Street Square Pool Filtration System Upgrade Project

**MEETING DATE:** August 21, 2013

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** Approve plans and specifications and authorize advertisement for bids for the Hutchins Street Square Pool Filtration System Project.

**BACKGROUND INFORMATION:** The Hutchins Street Square swimming pool was recently re-lined with a fiberglass liner. The existing pool filtration equipment does maintain water quality requirements for public bathing, however, the system (installed in 1989) is outdated, inefficient, and relies on manual operation instead of automated controls to manage water quality as bathing loads change.

The Hutchins Street Square Pool Filtration System Project consists of removing the existing filtration system; installing a new filter, chlorine feed system, pH buffering system, water chemistry controller, flow meter, ultra-violet disinfection system; and other ancillary improvements. Ultra-violet disinfection, coupled with chlorine disinfection, significantly reduces chlorine dosing requirements and other disinfection by-products (such as chlorine smell) that are more noticeable in indoor pools.

The upgrade work is anticipated to take place in late November or early December and will take two to three weeks to complete. During this time, the pool will be closed to the public.

It is recommended Council approve plans and specifications and authorize advertisement for bids for the Hutchins Street Square Pool Filtration Project. The planned bid opening date is September 11, 2013, and the project estimate is \$50,000.

**FISCAL IMPACT:** Upgrading the pool filtration equipment will improve system reliability, and significantly reduce energy usage, chemical usage and staff time required to monitor and adjust the system as bathing loads vary.

**FUNDING AVAILABLE:** Funding will be identified at project award. Since the upgrades will significantly reduce energy usage, staff intends to utilize public benefit funding.

F. Wally Sandelin  
Public Works Director

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APPROVED:

Konradt Bartlam, City Manager