

# Agenda Report

June 11, 2001

**To:** City Council  
**From:** City Manager  
**Subject:** Authorization to Enter into a Contract with Carollo Engineers for Providing Services for Conversion of Chlorination Facilities to Chloramination Facilities at Sunset and Windsor Reservoirs

## Recommendation

It is recommended that the City Council authorize the General Manager of Pasadena Water and Power to enter into contract with Carollo Engineers for an amount not-to-exceed \$220,000 for Conversion of Chlorination Facilities to Chloramination Facilities at Sunset and Windsor Reservoirs. The proposed contract is exempt from competitive bidding pursuant to City Charter Section 1002(F) Professional or Unique Services.

## Background

Pasadena Water and Power (PWP) disinfects its well water with chlorine. Metropolitan Water District of Southern California disinfects its water with chloramines. The mixing of these two water sources results in a reduction of disinfection residual in a blended water, making it difficult to maintain disinfection residuals in the distribution system at desired levels. The decision to convert PWP's chlorination facilities to chloramination is to comply with two upcoming Federal Regulations, which will impact the City (Stage 2 Disinfectant/Disinfection Byproducts Rule and Ground Water Rule). By changing from chlorine to chloramines, PWP will achieve two goals:

- Significantly decrease formation of unwanted disinfection byproducts
- Provide a necessary residual level of disinfection in blended water

As part of the Water Division's FY 2000-2001 Capital Improvement Program (CIP), which went into effect in October 2000, PWP was scheduled to contract with a consultant to evaluate PWP's chloramines conversion approach and predesign of chemical feed systems. On February 8, 2001, a Request for Proposal for Conversion of Chlorination Facilities to Chloramination Facilities at Sunset and Windsor Reservoirs was sent to eleven consulting firms. One proposal was submitted by Carollo Engineers.

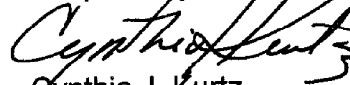
Staff recommends the City Council award the contract to Carollo Engineers for an amount not to exceed \$220,000, which includes the proposal price of \$200,000 and a 10% contingency of \$20,000 to accommodate any necessary change orders.

This contract is exempt from the competitive bidding pursuant to City Charter Section 1002(F) Professional or Unique Services, as a result of Request For Proposals being issued.

**Fiscal Impact**

Sufficient funds are available in the Water Fund, Capital Improvement Program, Budget Number 1031.

Respectfully submitted,



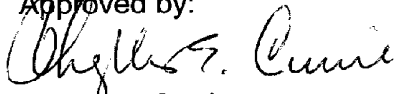
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