

**TO:** James L. App, City Manager  
**FROM:** Meg Williamson, Interim Director of Public Works  
**SUBJECT:** 21<sup>st</sup> Street Reservoir Replacement  
**DATE:** May 18, 2004

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**NEEDS:** For the City Council to authorize a contract to design a replacement for the 21<sup>st</sup> Street Reservoir.

**FACTS:**

1. The 21<sup>st</sup> Street Reservoir was built in 1925. Even with a number of repairs over the last 80 years, the existing timber truss roof appears structurally compromised and due for replacement.
2. Additionally, persistent water seepage and subsequent structural analysis indicates the concrete stem wall is compromised and requires replacement.
3. In March 2004, these results were presented to the City Council. The Council determined that the reservoir had reached the end of its useful life and directed staff to request proposals to develop and design replacement options.
4. As part of the preliminary engineering phase, the engineer will analyze demand and storage requirements for a second 4 MG tank. The timing of this construction will be coordinated with other water tank projects.

**ANALYSIS  
AND**

**CONCLUSION:** A Request for Proposal (RFP) to design a new reservoir was issued to six firms. These firms are located in Santa Monica, Ventura, a couple in San Luis Obispo, Paso Robles and northern California. Two firms appreciated receiving the RFP but indicated that due to other commitments, they declined responding to the City's RFP. One firm indicated they did not have the technical expertise to design partially buried concrete tanks. Boyle Engineering was the only one who submitted a response to the City's Request for Proposal.

**POLICY**

**REFERENCE:** Water Master Plan

**FISCAL**

**IMPACT:** \$200,746 from Budget Account No. 600.910.5452.656, (which has a current balance of \$1,375,000).

**OPTIONS:**

- a. Authorize the City Manager to execute a contract with Boyle Engineering to design a replacement for the 21<sup>st</sup> Street Reservoir for a not-to-exceed fee of \$200,746.
- b. Amend, modify or reject the above option.

Attachment

- 1) Scope of Work and Fee Proposal

Report prepared by:  
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