

# REPORT

## To the Honorable Mayor and City Council From the City Manager

May 19, 2008

### SUBJECT

Award of Contract - Redwood City Recycled Water Project – Phase I – Redwood Shores Customer Site Retrofits – Bid Package 2

### RECOMMENDATION

Approve, by motion, the contract documents and award the contract for the Redwood City Recycled Water Project – Phase I – Redwood Shores Customer Site Retrofits – Bid Package 2 Project to the lowest responsible bidder, Trinet Construction Inc. of San Francisco, for their low bid of \$372,095.00 and authorize the City Manager to increase the contract amount up to 10% if necessary.

### BACKGROUND

In August 2003, the City Council approved a broadly defined, flexible recycled water project, filed a California Environmental Quality Act Notice of Determination, and formed a citizen community task force to provide input on the implementation of the project. In March 2004, the City Council accepted the Task Force Report and directed staff to return with recommended action to implement.

The Redwood City Recycled Water Project will be implemented in phases and smaller, discrete projects over the next several years, beginning with some recycled water delivery in the 2007 irrigation season. The major components of the Project are as follows.

1. Treatment improvements consisting of filter modifications, chemical feed addition and filtered water line at the SBSA site – owned and operated by South Bayside System Authority (SBSA).  
Status: 100% complete and in service.
2. Disinfection facility consisting of new chlorine contact chambers at the SBSA site – owned by the City and operated by SBSA.  
Status: 100% complete and in service.
3. Storage and pumping facilities located within the SBSA plant property (includes a back-up supply line for potable water) – owned and operated by the City.  
Status: 100% complete and in service.
4. Distribution system consisting of new transmission pipelines throughout the water service area, in street rights-of-ways – owned and operated by the City.  
Status: Bid Packages 1, 2 and 3 are 100% constructed. Bid Packages 4 and 5 are each 95% completed. Construction has just begun for Bid Package 6. Bid Package 7 was awarded on May 12, 2008. Bid Packages 8, and 9 will be available for bidding within the next few months.

5. Customer site retrofits for each existing private or public site with a landscape irrigation meter. Retrofits will occur as each property owner agrees to convert to recycled water for landscape irrigation and industrial uses.  
 Status: Retrofit Bid Package 1 (18 commercial sites in the Redwood Shores area) was 100% constructed in time to meet the demands of the 2007 irrigation season.  
 Retrofit Bid Package 2 is scheduled for completion in time to meet the demands of the 2008 irrigation season.

The proposed customer site retrofit project is the second retrofit project designed to expand the delivery of recycled water to new commercial irrigation and City roadway landscape customers in Redwood Shores. The project consists of converting an additional 41 existing irrigation systems from 17 sites, currently on drinking water, to accommodate the use of recycled water. The construction is expected to be completed in approximately 150 days from the Notice to Proceed.

Please see attached map for specific locations of various retrofit project phases.

The 4 bids received at the bid opening on May 7, 2008, are summarized below:

Bidder	Bid Amount
Trinet Construction, Inc., San Francisco	\$372,095.00
Pacific Underground Construction, Inc., San Jose	\$379,000.00
West Valley Construction Company, Inc., San Jose	\$487,135.00
P & J Utility Company, San Francisco	\$550,000.00
Engineer's Estimate	\$345,000.00
<u>Recommended Bidder:</u> Trinet Construction, Inc.	
<u>Substantiation:</u> Trinet Construction, Inc. is the lowest responsive and responsible bidder.	

The low bid of \$372,095.00 from Trinet Construction, Inc. is 7.9% higher than the Engineer's estimate of \$345,000.00 for the cost of construction. Based upon the bids received, staff believes that the low bid of \$372,095.00 is reasonable and responsive, and recommends awarding the contract to Trinet Construction, Inc.

**ALTERNATIVES**

Council may choose not to award the contract for the Redwood City Recycled Water Project – Phase I – Redwood Shores Customer Site Retrofits – Bid Package 2 Project, which would be contrary to prior Council action.

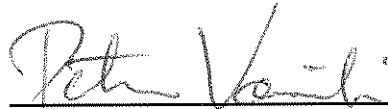
**FISCAL IMPACT**

Funds for the proposed construction contract are available from the Water Revenue Bond proceeds. The City has issued a series of three Water Revenue Bonds to finance Phase 1 of the Recycled Water Project. Currently available project funds, less unattributed interest, total \$12,623,130.06.



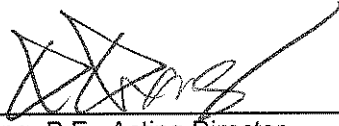
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Phong Du, P.E.  
Senior Civil Engineer  
Engineering & Construction



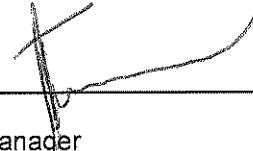
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Peter Vorametsanti, P.E.  
Supervising Civil Engineer  
Engineering & Construction



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Chu Chang, P.E., Acting Director  
Community Development Services



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Peter Ingram  
Interim City Manager

**ATTACHMENTS**

Redwood City Recycled Water Program – Projected Use Area for 2008

**RELATED DOCUMENTS IN CITY CLERK'S OFFICE**

1. Contract Documents
2. Bid Documents

