

CITY OF YUBA CITY  
STAFF REPORT

**Date:** December 1, 2009  
**To:** Honorable Mayor & Members of the City Council  
**From:** Utilities Department  
**Presented by:** William P. Lewis, Utilities Director

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**Summary**

**Subject:** Garden Highway Water Pump Station Improvements Project—Approval of Plans and Specifications

**Recommendation:** Adopt a Resolution approving the Plans and Specifications for the Garden Highway Water Pump Station Improvements Project and authorize advertisement for competitive bids.

**Fiscal Impact:** Engineers estimate - \$315,000 including construction, design, administration and contingency. Funding is from approved groundwater conversion water rate surcharge and existing customer rates.

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**Background:**

Council has recently authorized the conversion of groundwater Region 1 and Region 2/3 customers to surface water through a number of projects in various stages of construction. The City has obtained two low interest loans and three grants to facilitate these conversions.

One of the projects included in the conversion of groundwater Region 1 to surface water is the addition of a new pump at the existing Garden Highway Water Pump Station located at the City's Wastewater facility. There currently exists a 3 million gallon above ground water storage reservoir and 2 booster pumps capable of pumping 3,300 gallons per minute.

Plans and specifications are now complete and ready for bidding. This project is required to provide surface water supply to groundwater customers and maintain water pressure in the south east area of the City as part of the conversion. Costs for the improvements are split between current groundwater customers (75 percent) and existing surface water customers (25 percent).

**Discussion:**

The Garden Highway storage tank and booster station was originally constructed in 1978 and has had minor improvements since that time. Additional piping and minor improvements within the tank site needs to be constructed in order to facilitate the additional booster pump. Without this additional pump after the conversion of the groundwater customers to surface water, the City will have difficulty in maintaining adequate water pressure and fire flow in the groundwater region and southeast area of the City.

With Council approval of the plans and specifications and authorization to bid, staff anticipates the following schedule to complete the project:

- Advertise for bid December 2, 2009
- Open Bids – January 5, 2010
- Council Award Contact – January 19, 2010
- Begin Construction – February 2010
- Complete Construction – Summer 2010

The plans and specifications for the project are on file at the Utilities Department for review.

Project management and construction inspection will be administered by the Utilities Department. It is likely that specialized inspections will be conducted by consultants.

**Fiscal Impact:**

Engineers estimate - \$315,000 including construction, design, administration and contingency. Funding is from approved groundwater conversion water rate surcharge and existing customer rates.


**Alternatives:**

Delay or modify the recommended action to approve the plans and specifications. Delay could compromise the ability to convert groundwater customers on surface water and jeopardize low interest loan and grants associated with the overall conversion project.

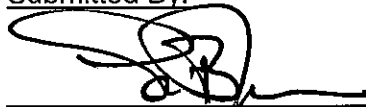
**Recommendation:**

Adopt a Resolution approving the Plans and Specifications for the Garden Highway Pump Station Improvements Project and authorize advertisement for competitive.

Prepared By:

  
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Ian Pietz  
Senior Engineer

Submitted By:

  
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Steven R. Jepsen  
City Manager

Reviewed By:

Department Head	<u>          CPL          </u>
Finance	<u>          ARB          </u>
General Services	<u>          DB          </u>
City Attorney	<u>          OK by email          </u>
Public Works	<u>                          </u>

RESOLUTION NO. \_\_\_\_\_

**RESOLUTION OF THE  
CITY COUNCIL OF THE CITY OF YUBA CITY  
APPROVING THE PLANS AND SPECIFICATIONS FOR THE  
GARDEN HIGHWAY WATER PUMP STATION IMPROVEMENT PROJECT AND  
AUTHORIZING ADVERTISEMENT FOR BIDS ON THE PROJECT.**

WHEREAS the City Council of the City of Yuba City has considered said recommendations of the City Utilities Department on the matter of the Garden Highway Water Pump Station Improvements Project and authorize and direct the advertisement for bids on the proposed work.

WHEREAS the City Council of the City of Yuba City finds that plans and specifications for the Garden Highway Water Pump Station Improvements Project be approved.

NOW THEREFORE BE IT RESOLVED and ordered by the City Council of the City of Yuba City finds that the Department of Utilities is hereby authorized and directed to advertise for bids for the Garden Highway Water Pump Station Improvements Project.

The foregoing resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 1st day of December 2009.

AYES:

NOES:

ABSENT:

ABSTAIN:

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Kash Gill, Mayor

Attest:

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Terrel Locke, City Clerk