



CITY OF BISHOP

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www.ca-bishop.us/CityofBishopPublicWorks.htm

Request For Proposals

Well 2 and Well 4 Assessment

Release: 1 October 2008

Close: 17 October 2008

Contact: David Grah, Director of Public Works

General: The City of Bishop requests proposals for assessment of its production wells, Well 2 and Well 4. The purpose of the assessment is to determine the condition of the wells and related equipment, to review well and equipment configurations and settings, and to recommend rehabilitation and improvement strategies.

Well 4: Well 4 is the main production well for the City of Bishop. Well 4 is located about 3 miles west of the main part of the city and about 220 feet higher. The well is located in a small metal building with good access by large vehicles. Well equipment can be accessed after minor disassembly and removal of some metal roof components directly over the well. Well 4 is controlled based on the level in the city's only reservoir, a 1 million gallon tank located about ½ mile east of the well and at a lower elevation. Information on the well is available as follows:

Drillers Log	http://www.ca-bishop.us/Misc/Well4DrillerLog.pdf
Equipment Schematic	http://www.ca-bishop.us/Misc/Well4Equipment.pdf
As Built Sketch	http://www.ca-bishop.us/Misc/Well4Profile.pdf

Well 2: Well 2 is the city's secondary source of water. Well 2 is located in the northern part of the city. The well is located in a small metal building with adequate access by large vehicles. Well equipment can be accessed after minor disassembly and removal of some metal roof components directly over the well. Well 2 uses a variable speed drive and its control is based on system pressure.

During high demand when pressure in the city drops, Well 2 pumps enough to maintain pressure in the system. Information on the well is available as follows:

Drillers Log	http://www.ca-bishop.us/Misc/Well2DrillerLog.pdf
Equipment Schematic	http://www.ca-bishop.us/Misc/Well2Equipment.pdf
Asbuilt Sketch	http://www.ca-bishop.us/Misc/Well2Profile.pdf

Well 1 (not a part of the work): Well 1 is the city's standby well. Due to high fluoride concentrations, Well 1 can only be operated 8 days a year.

More information on the wells and the City of Bishop water system is in the Bishop Water Master Plan available as a 2.4 megabyte pdf at <http://www.ca-bishop.us/Misc/WaterMasterPlan2008.pdf>.

Scope of Work: This Request for Proposals (RFP) is for the work described below. As work progresses it is possible the scope could be modified depending on what is found. Reports should be developed under the direction of and signed by a California Certified Hydrogeologist and a Water Well Driller with a California C-57 License, as appropriate.

- 1. Keep One Well in Service:** At least one of the 2 wells must be kept in service at all times.
- 2. Work Period:** All work must occur between 1 November 2008 and 1 March 2009.
- 3. Inspect Well:** Remove the existing pumping equipment from the wells and perform video surveys to evaluate the condition of the casings and perforations. Provide video recordings of surveys. Provide report describing well casing, its condition, and including recommendations for rehabilitation both long term and, if necessary, prior to performing further assessment work.
- 4. Evaluate Review Well Equipment:** Inspect and evaluate all aspects of well equipment including pump, motor, and controls to determine its condition and its level of optimization for its application. Provide report describing well equipment and results of inspection and evaluation. Include in report recommendations for rehabilitation and adjustment both long term and, if necessary, prior to performing further assessment work. It is likely the pump for Well 4 will be found to be worn and rehabilitation or replacement may be required in conjunction with the work under this RFP.
- 5. Reinstall Well Equipment:** Reinstall and reconnect pumping equipment.

Proposal: A qualifying proposal must address the entire scope of work and include:

1. Brief description of firm, contact person, address, telephone number, and e-mail address.
2. Description of approach to work and description of proposed delivery products.
3. Example delivery products.
4. Resumes of staff involved.
5. Three references.
6. Proposed work schedule.
7. Proposed basis of compensation.

Proposals must be received no later than 1500 (3 pm) on the closing date of this Request for Proposals (RFP). Send proposals to:

David Grah
Director of Public Works
City of Bishop
377 West Line Street
Bishop, California 93514
publicworks@ca-bishop.us

Three paper copies and one electronic copy of the proposal shall be submitted in a sealed envelope which is clearly marked with the title of the RFP.

Selection Process: The consultant will be selected based on the experience and ability of the firm and staff to accomplish the scope of work, based on the proposal and considering the effective use of funds. Each firm will be rated using the following criteria and rating schedule.

Evaluation Criteria	Possible Rating Points
High level of technical expertise with assessment of domestic water supply wells and familiarity with well rehabilitation techniques.	20
Quality of proposed project delivery products.	20
Experience successfully completing well assessments for small municipalities.	20
Able to maintain excellent client service over life of project.	20
Able to deliver product cost effectively and in a timely way.	20
Total	100

The City will attempt to negotiate contracts with the highest rated firm. The City reserves the right to reject any or all proposals, to waive minor irregularities in said proposals, or to negotiate minor deviations with the successful firm.