



CITY OF BISHOP

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www.ca-bishop.us/CityofBishopPublicWorks.htm

Request For Proposals

Inter-System Sewer Connections

Release: 16 June 2008

Close: 16 July 2008

Contact: David Grah, City of Bishop Director of Public Works

General: The City of Bishop and the Eastern Sierra Community Services District (ESCSD) request proposals for engineering and environmental services for connections between the Bishop and ESCSD sewer systems. The services range from early feasibility study to completed environmental analysis and construction documents.

Background:

The City of Bishop and the ESCSD each operate wastewater collection and treatment facilities in the Bishop area. The Bishop and ESCSD treatment plants are located adjacent to one another and east of the City of Bishop. Although east of the body of the City, the City of Bishop plant is within the city limits. The ESCSD plant is located outside of the city limits.

The capacity of the Bishop plant is 1.6 million gallons per day and the current average Bishop flow to the plant is about 800,000 gallons per day. The capacity of the ESCSD plant is about 850,000 gallons per day and the current average flow to the plant is about 705,000 gallons per day.

There is one existing point of connection between the Bishop and ESCSD systems but it has limited usefulness due to its location high in the collection networks and because it can only take flow one way. Also, when in use, this connection brings part of the City of Bishop collection system to near capacity. There is no connection between the systems at or near the plants or low in the collection systems.

A substantial portion of the northeast part of the city is below the city's collection system. Wastewater from development in this area flows to the ESCSD collection system and is treated by the ESCSD plant. In exchange for accepting this flow from Bishop customers, an approximately equal flow is diverted from the ESCSD system into the Bishop system at the existing connection point.

The Bishop Paiute Indian Reservation is west of the City of Bishop and is otherwise surrounded by the ESCSD. Through an agreement, ESCSD accepts and treats wastewater from the Reservation. The Tribe has development plans for the next five years which will cause flows at the ESCSD plant to exceed the flows allowed for in the agreement and exceed the capacity of the ESCSD plant. The City of Bishop and the ESCSD excepting the Reservation expect slow growth for the foreseeable future due to lack of developable private land.

The City of Bishop and the ESCSD desire to study the feasibility (Phase 1), and, if feasible, proceed to develop a project (Phase 2) to provide connections between the two systems at or near the treatment plants. It is hoped that low-maintenance connections that require no pumping can be developed.

Rough surveys suggest the trunk into the ESCSD is about 0.75 feet higher than the trunk into the Bishop plant and there seems to be space within the plant properties to construct a pipe to bring flow from the ESCSD collection system to the City of Bishop plant. About 2000 feet west of the plants, the City of Bishop sewer trunk line that carries essentially all City of Bishop flow crosses over the top of one of the two major sewer branch lines in the ESCSD system. A gravity connection to take ESCSD flow to the Bishop plant seems possible at the plants and a gravity connection to take Bishop flow into the ESCSD system seems possible where the lines cross.

It should be assumed that work under this RFP and the construction of any resulting project will be funded jointly by the City of Bishop, and ESCSD. It should be assumed that compliance with the National Environmental Policy Act and Tribal environmental laws is not required. Because the work would involve areas both in the City of Bishop and outside of the City of Bishop and in the County of Inyo, lead agency and responsible agency roles for the purposes of the California Environmental Quality Act (CEQA) will need to be established.

Scope of Work:

The work under this RFP should be assumed to consist of two phases. The first phase is to determine the feasibility of connection options between the two

systems. The second phase follows the first if the first shows connections to be feasible. The second phase is environmental, design, and construction support work necessary to implement connections if proven to be feasible.

Phase 1

1. Determine the feasibility of the two connections described in the Background section, above and shown on the attached map. The evaluation of feasibility shall include construction cost, ease and cost of maintenance, property rights, environmental considerations, and regulatory requirements.
2. Identify at least one alternate connection to carry ESCSD flow to the Bishop plant and at least one alternate connection to carry Bishop flow to the ESCSD plant. Determine the feasibility of these connections.
3. Present the feasibility analysis from 1 and 2 in a report. Assume the preparation of the report includes the review of a draft and final draft, two review iterations.

Phase 2

1. Perform engineering, research, surveys, studies, and consultation necessary to support a CEQA environmental document for the connections determined to be most feasible. Provide a CEQA environmental document for processing by the lead agency. Address public comments and represent the project at public meetings and hearings.
2. Prepare plans, specifications, and estimate for the connections determined to be most feasible. Include reviews and update cycles at 30%, 60%, and 95% complete and include all required surveys and material investigation. Work shall be in accordance with standards of the City of Bishop (at <http://www.ca-bishop.us/PublicWorks/WaterAndSewerSpecifications.pdf>) and of ESCSD.
3. Assist with advertising, responding to contractor questions, bid opening, bid evaluation, and contracting process.
4. Administer construction contract, inspect construction, perform materials testing for construction.

Proposal:

Proposals should address all the items of work described above. Proposals should anticipate a 2-phase contracting process related to the phases of the project described in Scope of Work. Proposals should respond in detail to the first phase

of the project and respond more generally to the second phase of the project. The consultant contract will need to allow for the termination or adjustment of scope of the second phase based on the outcome of the first phase.

A qualifying proposal must 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 products.
3. Resumes of staff involved.
4. Three references.
5. Proposed work schedule.
6. Estimate of cost.

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

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

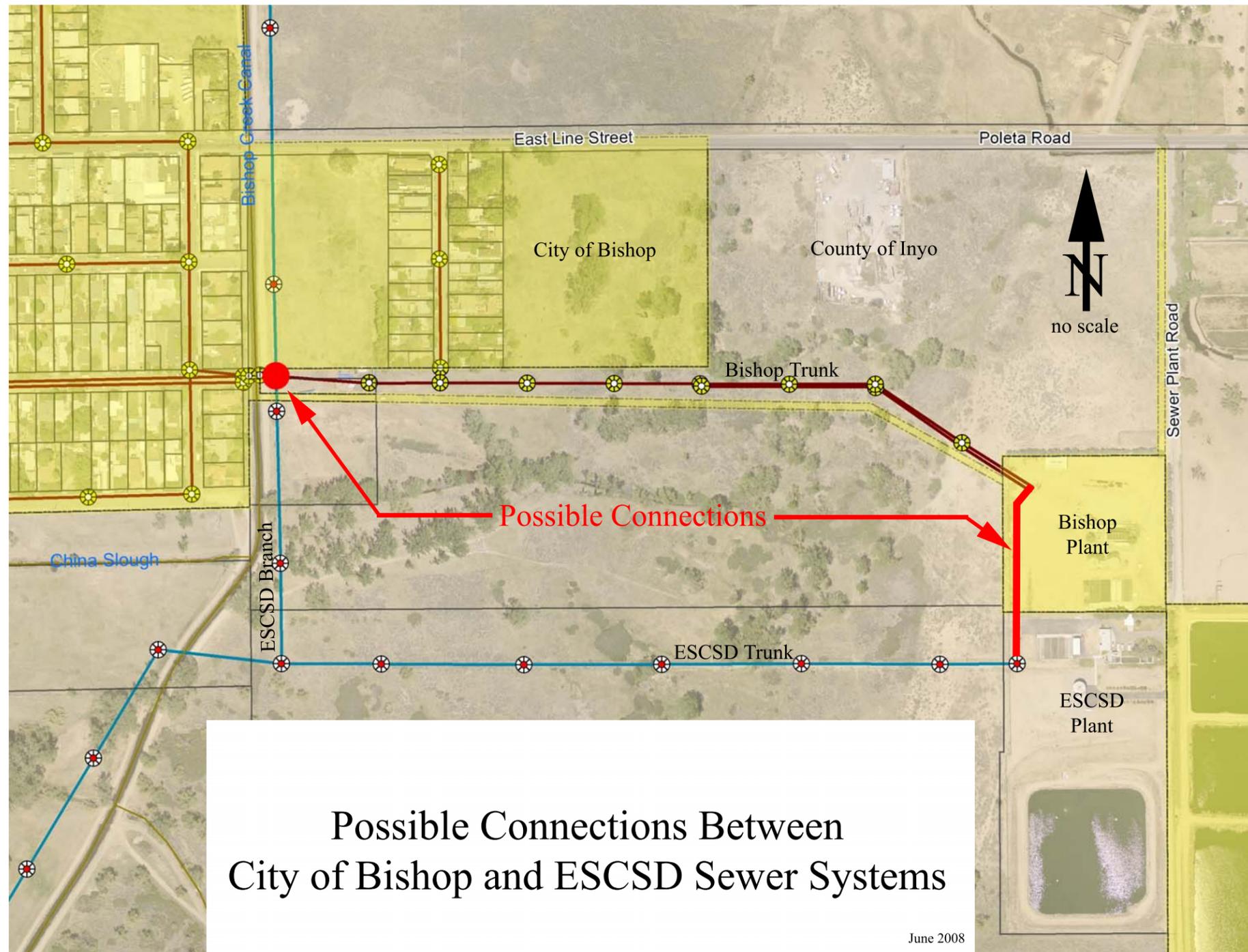
Proposals shall be submitted in a sealed envelope which is clearly marked with the title of the Request for Proposal. Proposals shall be signed by an authorized person from the consulting firm.

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. It is anticipated that each firm will be rated using the following criteria and rating schedule.

Evaluation Criteria	Possible Rating Points
Technical expertise and ability to dedicate qualified staff to effort.	20
Quality of proposed products.	20
Experience successfully completing similar projects.	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 and ESCSD will attempt to negotiate a contract with the highest rated firm. The right to reject any or all proposals, to waive minor irregularities in proposals, or to negotiate minor deviations with the successful firm is reserved.



Possible Connections Between
City of Bishop and ESCSD Sewer Systems

June 2008