

TO: City Council
FROM: Doug Monn, Public Works Director
SUBJECT: Sewer Extensions to Airport Area
DATE: September 17, 2013

NEEDS: For the City Council to consider a contract for preliminary design of sewer extensions to the Airport, Dry Creek, and Mill Road Areas.

FACTS:

1. Commercial subdivisions at the west fringe of the City Airport, off Airport Road, have sewer service, but the sewage lift station is antiquated and the gravity sewer downstream of the lift station does not have capacity for additional development.
2. Commercial subdivisions on Dry Creek Road have no sewer service, so use septic systems. Some of the septic systems are failing.
3. The owners of Black Ranch have entitlements to develop a resort hotel and related recreational uses that would generate high volumes of sewage, which will need to be directed to a new sewer in Dry Creek Road.
4. The City has a conceptual plan for a Phase I sewer extension to Airport and Dry Creek Roads. The conceptual plan is a starting point for a preliminary design. The City previously established a \$6.7 million budget for this Phase I extension, through adoption of sewer rates in 2011.
5. South of the Airport, in the Highway 46 East/Mill Road area, Vina Robles Winery has developed a 4,000+ seat amphitheater that generates high volumes of sewage. Vina Robles and the owners of Robert Hall Winery have proposed to annex land south of Mill Road, in order to build two hotels. There are currently no City sewers in this area. Sewers must be extended to Mill Road before this development may occur.
6. The City has a conceptual plan for a Phase II sewer extension to Mill Road, from Dry Creek Road, via a new sewer and lift station in South Airport Road. The City has not yet established a budget for this Phase II extension. At this time, the City needs a preliminary design and cost estimate for the purposes of acquiring easements and establishing funding (e.g., a benefit assessment district).
7. Professional engineering is needed to prepare a preliminary design and opinion of probable construction cost for these sewer extensions. In June 2013, the City solicited proposals for these services.
8. The City formed a committee of experienced professionals to independently review written proposals and interview firms.

9. Seven firms submitted written proposals. Based on their qualifications, the selection committee interviewed two firms: Water Systems Consulting and Cannon.
10. The selection committee unanimously recommends Water System Consulting be awarded the preliminary design work.

ANALYSIS &

CONCLUSION: Water Systems Consulting (WSC) is an engineering firm in San Luis Obispo that specializes in water and wastewater utility planning, design, and construction management. WSC offers responsive service, practical solutions, and high quality work. The project team WSC proposed is experienced with wastewater system master planning and sewage lift station design, which will be required for this project. WSC proposed a sophisticated method of determining sewer flows from new service areas. WSC will analyze the life-cycle costs of various sewer design options (e.g., deep gravity sewer vs. additional lift station), to ensure the most cost-effective sewer design possible.

WSC's scope of work includes research, flow analysis, sewer alignment and sizing, alternatives evaluation, preliminary design, preparation of a preliminary cost estimate, and quality control. WSC's proposed fee of \$117,841 is appropriate for this scope of work. Should City Council award a contract to WSC, the work will be completed in ten months.

POLICY

REFERENCE: 2007 Sewer Collection System Master Plan, 2009 Integrated Water Resources Plan, 2011 Capital Improvement Program and Wastewater Rates Study

FISCAL

IMPACT: Sewer rates adopted in 2011 are based on a sewer capital improvements budget that includes a \$6.7 million sewer expansion to the Airport Area. The proposed \$117,841 expenditure is part of that project budget and will not adversely impact the Sewer Fund. This work effort will better define future construction costs, and help the City to determine financing options.

OPTIONS:

- a. Adopt Resolution No. 13-XXX, to award a contract to Water Systems Consulting for preliminary design of sewer extensions to the Airport Road, Dry Creek Road, and Mill Road Areas, in an amount not to exceed \$117,841;
- b. Amend, modify or reject the above options.

ATTACHMENT: Resolution No. 13-XXX

RESOLUTION NO. 13-XXX

A RESOLUTION OF THE CITY COUNCIL OF EL PASO DE ROBLES
AWARDING A CONTRACT TO WATER SYSTEMS CONSULTING
FOR PRELIMINARY DESIGN OF SEWER EXTENSIONS TO AIRPORT AREA

WHEREAS, the commercial subdivisions at the west fringe of the City Airport, off Airport Road, have inadequate sewer service.

WHEREAS, there is presently no sewer service to the commercial subdivisions at the south fringe of the Airport, on Dry Creek Road. Existing establishments there use septic systems, some of which are failing.

WHEREAS, the owners of Black Ranch have entitlements to develop a resort hotel and other resort/recreational uses that would generate high volumes of sewage, which would be directed to a new sewer in Dry Creek Road.

WHEREAS, the City has a conceptual plan for a Phase I sewer extension to Airport Road and Dry Creek Road. The City previously established a \$6.7 million budget for this Phase I extension, through adoption of sewer rates in 2011.

WHEREAS, south of the Airport, in the Highway 46 East/Mill Road area, Vina Robles Winery has developed a 4,000+ seat amphitheater that generates high volumes of sewage. Vina Robles and the owners of Robert Hall Winery have proposed to annex land south of Mill Road, in order to build two resort hotels. There are currently no City sewers in this area. Sewers must be extended to Mill Road before this development may occur.

WHEREAS, the City has a conceptual plan for a Phase II sewer extension to Mill Road, from Dry Creek Road, via a new sewer and lift station in South Airport Road. The City has not yet established a budget for this Phase II extension. The City needs a preliminary design and cost estimate for the purposes of acquiring easements and establishing funding.

WHEREAS, a professional engineering consulting firm is needed to prepare a preliminary design and opinion of probable construction cost for these Phase I and II sewer extensions. The City solicited proposals for these services.

WHEREAS, based on qualifications for this particular project and interviews, the City's selection committee recommended award of the preliminary design work to Water Systems Consulting of San Luis Obispo.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council does hereby award a contract to Water Systems Consulting, for preliminary design of sewer extensions to the Airport Road, Dry Creek Road, and Mill Road Areas, in an amount not to exceed \$117,841, and authorizes the City Manager to execute the contract.

SECTION 2. City Council does hereby establish capital project budget no. 601-910-5452-356 for the Airport Area Sewer Extensions, with funding from the Sewer Enterprise Fund.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 17th day of September 2013, by the following votes:

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Duane Picanco, Mayor

Caryn Jackson, Deputy City Clerk