

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: Design Services to Upgrade Existing Sewer Mains
DATE: May 18, 2010

NEEDS: For City Council to consider awarding a contract for design services to upgrade existing sewer mains at three locations (DPW 10-04).

FACTS:

1. Many sections of the sewer collection system on the west side of the City have degraded with age or are now undersized for current wastewater flows. These sections require frequent maintenance and present a greater risk of overflow spill.
2. Staff has identified three locations which have specific problems that need to be addressed.

Location 1: Riverside, 10th to 14th

The existing sewer at this location is a 12-inch diameter techite pipeline and is over 30 years old. The pipe also needs to be upsized to an 18-inch diameter pipe to accommodate existing and future demands. This pipeline receives sewer flow from as far south as First Street and the area between the west City limit and Paso Robles Street.

Location 2: 2nd Street, Oak to Spring

This sewer is 6 inches in diameter. It is near capacity and needs to be upgraded to an 8-inch diameter pipeline.

Location 3: 15th Street, Railroad to Riverside

An existing 300-foot segment of an 8-inch diameter sewer in 15th Street is near capacity. The existing line was constructed in the early 1900s and needs to be replaced and upsized to a 12-inch diameter pipeline.

3. Staff issued a Request for Proposal (RFP) to several firms for services to design upgrades to the sewer system as noted above.
4. Seven firms responded to the RFP with fees ranging from \$22,470 to \$44,940:

AECOM	North Coast Engineering
Cannon	Penfield & Smith
EDA Associates	Wallace Group
MNS Engineers	

ANALYSIS &

CONCLUSION: Staff evaluated the proposals and determined that the submittal from North Coast Engineering provided the best response to the City's needs. Their fee is \$26,428.

POLICY

REFERENCE: Adopted Sewer System Management Plan
Adopted Purchasing Policy

FISCAL

IMPACT: The adopted Capital Improvement Project budget has a Project No. 601.910.5452.685 to upgrade existing sewerlines. There is a balance of \$279,684 in this budget.

- OPTIONS:**
- a. Authorize the City Manager to execute a contract with North Coast Engineering for design services to upgrade existing sewerlines, for a not-to-exceed fee of \$26,428.
 - b. Amend, modify, or reject the above option.

Prepared by: Ditas Esperanza, P.E., Capital Projects Engineer

Attachments: None