

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: Award Contract to Upgrade Sewer Lines at Riverside Avenue & at 15th Street and Waterlines at 13th Street & Riverside Avenue
DATE: May 7, 2013

NEEDS: For City Council to consider adopting Resolution No. 13-xxx awarding a contract to upgrade sewer lines and waterlines.

FACTS: 1. On May 18, 2010, the City Council directed staff to engage the services of North Coast Engineering to prepare bid documents at two locations.

Location No. 1: Riverside Avenue, 12th to 14th Street

The existing sewer line at this location is a 12-inch diameter techite pipeline. The pipe is over 30 years old and nearing its life expectancy. Additionally the line needs to be upsized to an 18-inch diameter to accommodate existing and future demands.

Location No. 2: 15th Street, Railroad Street to Riverside Avenue

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

2. While preparing the plans for these sewer lines upgrades, the Water Division Maintenance staff noted that there are old water mains (asbestos cement) and valves at the 13th Street/Riverside Avenue intersection that needed to be upgraded. Repair/replacing of these lines were included in the design.

3. At the bid opening on April 25, 2013, five (5) bids were received as follows:

HPS Mechanical	\$592,150
D-KAL Engineer	\$629,585
MGE Underground	\$663,185
Whitaker Construction	\$699,911
Specialty Construction	\$785,956

4. It should be noted that all construction will occur in the evening hours, 7:00 PM to 6:00 AM, Sunday through Friday. In addition, no work will be allowed during the Mid-State Fair.

ANALYSIS &

CONCLUSION: Staff reviewed the low bid of \$592,150 submitted by HPS Mechanical and found it to be a responsive and responsible bid.

Earth Systems Pacific and North Coast Engineering prepared the design for the project. Staff is suggesting City Council engage their services to perform construction management, soils compaction testing, construction surveying and testing for the project.

Their fees are as follows:

Earth Systems Pacific	\$ 46,715
North Coast Engineering	\$124,697

POLICY

REFERENCE: Adopted Capital Improvement Budget

FISCAL

IMPACT: In summary, the project budget needs are as follows:

Sewer	\$516,350
Water	\$ 75,800
Construction Management	<u>\$171,412</u>
Total	\$763,562

Because the sewerlines are being upgraded for development expansion, the funding source will be Sewer Connection Fees. There is a current balance of \$2,424,243 in this fund. The only other project funded from Sewer Connection Fees is the Oak Park Sewer in the amount of \$170,000.

The waterline upgrades is a maintenance betterment and will be from the Water Operations Enterprise Fund. There is currently a cash balance of \$3,229,600 in this fund that maybe used towards the Riverside project.

OPTIONS:

a. Adopt Resolution No. 13-xx to:

1) Allocate \$75,800 from the Water Operations Fund—Budget No. 600-910-5452-672.

2) Awarding a contract for the Riverside Avenue/15th Street sewer upgrades and the waterline upgrades at 13th Street/Riverside Avenue intersections to HPS Mechanical in the amount of \$592,150, and authorize the City Manager to execute the contract.

3) Authorize the City Manager to engage the services of Earth Systems Pacific in the amount of \$46,715 and North Coast Engineering in the amount of \$124,697 to provide Construction Management Services.

b. Amend, modify, or reject the above option.

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

Attachment: Resolution