

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: North & South River Road Sewer and North River Road Reclaimed Water
DATE: May 20, 2008

NEEDS: For the City Council to consider awarding contracts for construction and construction management services for the North and South River Road sewer pipeline upgrades and installation of a new reclaimed water pipeline in North River Road.

- FACTS:**
1. The 1993 Sewer Master Plan identified the need to upsize the Templeton Interceptor Trunk line from the South City limits to Lift Station No. 1 at North River Road.
 2. Consistent with the Sewer Master Plan, the City has completed the following phased improvements to the interceptor line:
 - a. In the late 1990s, with the construction of Woodland Plaza I & II shopping centers, the pipeline was upgraded from Serenade Drive to Navajo.
 - b. In 2002 the City upgraded the sewerline from the South City limits to Serenade Drive.
 - c. In 2005, as a condition of development, Harrod Development installed the portions in front of the new residential tract at Navajo Road.
 - d. The pipeline south of Creston was installed in connection with construction of the 13th Street Bridge Project.
 3. The final phase is to complete the installation of the sewerline from the 13th Street Bridge to Lift Station No. 1 and that portion between Navajo to just south of Creston Road (approximately 2700 lineal feet).
 4. The project was advertised for bid on March 24, 2008.
 5. At the bid opening on April 24, 2008, the City received eleven (11) bids:

MGE Underground	\$4,259,175
R. Baker Inc.	4,289,540
Emmetts Excavation	5,161,222
Mountain Cascade Inc.....	5,179,000
Whitaker Contractors	5,752,864
DDH Apple Valley Construction	5,864,125
Papich Construction	6,149,812
So. Cal. Pipeline Construction	6,191,420
Specialty Construction	6,576,645
John Madonna Construction	6,626,105
Teichert Construction	7,794,956
 6. MGE provided the city with the lowest bid. Staff has reviewed the bid and determined to it be responsible.
 7. North and South River Roads shown to be sixty (60) foot right of ways. However as a result of the proximity to the river and steep cut slopes, the available paved surface is approximately twenty four (24) feet in width. Excavating a 15- to 20-foot deep pipeline trench will consume most of the available roadway making it difficult for vehicular traffic to

pass through the construction zone. Accommodating the traffic on a daily basis will impact the time necessary to complete the project and the cost. As a result, the bid documents were prepared in a manner as to provide the City Council discretion to maintain a traffic lane or allow the contractor to fully close the road.

MGE's based bid of \$4,259,175.00 reflected closing the roads during construction. The project cost would be increased \$700,000.00 to \$4,959,175.00 should City Council choose to keep the roads open to traffic. Specifically, \$300,000.00 would be added to the portion of the project north of the 13th Bridge (North River Road) and \$400,000.00 for that portion of the project south of the 13th street Bridge (South River Road).

8. Should the City Council determine it in the best interest of the City to close the roads, the timeline associated with construction would be as follows:
 - North River Road, Union to Lift Station No. 1; closed approximately 3.5 to 4 months, if maintained open 6 to 8 months
 - South River Road, Navajo to Creston; closed approximately 2 to 2.5 months if maintained open 4 to 6 months.
9. In August 2006, the City engaged the services of Boyle Engineering to prepare bid documents to complete the upgrade the sewerline and design a reclaimed water pipe to be installed in North River Road from Lift Station No. 1 to River Oaks Drive.
9. As Boyle Engineering prepared the design of the sewer and reclaimed water pipelines, it would appear to be most cost effective and in the best interest of the City to have Boyle also provide construction management services for the construction phase of the project. They have provided a scope of work for construction management services for a not-to-exceed fee of \$237,827.

ANALYSIS & CONCLUSION:

The Nacimiento Water Pipeline is proposed to be constructed in North and South River Road. The sewer pipeline will be located at a lower elevation than the Nacimiento Waterline. It would be beneficial to install the sewerlines at this time before the waterline is installed.

POLICY REFERENCE:

Adopted Capital Improvement Plan, Sewer Master Plan
Integrated Water Resource Plan

FISCAL IMPACT:

The total project is funded with three different budget codes:

		<u>Budget</u>
South River Road Sewer	221.910.5452.494	\$1,318,041
North River Road Sewer	221.910.5452.495	3,470,687
Reclaimed Waterline	600.910.5452.438	<u>496,936</u>
	Total funding currently allocated	\$5,285,664

If City Council allows the road closures thereby reducing the project cost \$700,000.00, the existing allocated budget would allow award of both the construction and construction management contracts without additional allocation from Waste Water reserves as follows:

Contract (roads closed)	\$4,259,175
Boyle	237,827
15% Contingency	<u>780,000</u>
Total	\$5,277,002

However, if City Council chooses to keep the roads open to traffic during construction the project budget would need to be increased to cover the additional cost. The breakdown is as follows:

Contract (roads open)	\$4,959,175
Boyle	237,827
15% Contingency	<u>780,000</u>
Total	\$5,977,002

Existing budget (\$5,285,664)

Additional Needs \$691,338

Cash balance available for projects from the Sewer Funds is as follows:

Operations	\$8,700,000
Connection Fees	<u>4,000,000</u>
Total	\$12,700,000

Projects that are being considered for award are as follows:

	Total	% Operations	% Connection Fees
River Road Sewer (with road closure)	\$5,277,000	50% or \$2,638,500	50% or \$2,638,500
Sodium Hypochlorite	\$1,500,000	70% or \$1,050,000	30% or \$450,000
Palm Court Sewer	\$375,000	30% or \$112,500	70% or \$262,500
WWTP Upgrade Design & Oversight	\$1,270,000	100% or \$1,270,000	
	\$8,422,000	\$5,071,000	\$3,351,000

OPTIONS:

- a.** Authorize the closure of North/South River Roads and award the construction contract for the North and South River Road sewer upgrades and reclaimed waterline in to MGE Underground in the amount of \$4,259,175.00, with a construction services contract to Boyle Engineering in the amount of \$237,827.00.
- b.** Allow North/South River Roads to remain open and award a contract to MGE Underground in the of \$4,959,175.00 with a construction services contract to Boyle Engineering in the amount of \$237,827.00, authorizing appropriation of an additional \$690,000 to cover amended project cost.
- c.** Amend, modify, or reject the above option.

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

Attachments (1)
1) Resolution

RESOLUTION NO. 08-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
AWARDING CONTRACTS FOR CONSTRUCTION OF
THE NORTH AND SOUTH RIVER ROAD SEWER PIPELINE UPGRADES
AND INSTALLATION OF A NEW RECLAIMED WATER PIPELINE

WHEREAS, the Sewer Master Plan recommends upsizing the sewerlines in North and South River Roads; and

WHEREAS, the City's Integrated Water Resource Plan recommends the installation of reclaimed waterlines; and

WHEREAS, bid documents were prepared and advertised, and at the bid opening on April 24, 2008, eleven bids were received ranging in price from \$4,259,175 to \$7,794,956; and

WHEREAS, staff reviewed the low bid submitted by MGE Underground and found it to be a responsive and responsible bid; and

WHEREAS, the bid submitted by MGE Underground includes a cost savings if North and South River Roads are fully closed during construction; and

WHEREAS, Boyle Engineering prepared the design of the pipelines; and

WHEREAS, Boyle Engineering has submitted a scope of work for construction services, in the amount of \$237,827.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of El Paso de Robles does hereby authorize the City Manager to award the contract to MGE Underground in the amount of \$4,259,175.

SECTION 2. The City Council does hereby authorize staff to fully close North and South River Roads during construction of the pipelines in accordance with the bid documents for the project.

SECTION 3. The City Council does hereby authorize the City Manager to expand Boyle Engineering's contract to include construction management, in the amount of \$237,827.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 20th day of May 2008 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Frank R. Mecham, Mayor

Deborah D. Robinson, Deputy City Clerk