



Council Agenda Report

From: Ditas Esperanza, Capital Projects Engineer

Subject: Sherwood Road Repair and Improvements

Date: April 3, 2018

Facts

1. Repairing and improving Sherwood Road from Creston to Fontana is one of the major projects authorized by the Council shortly after the approval of Supplemental Sales Tax. The design work was initiated immediately but the actual construction of the improvements was scheduled for summer of 2018. This was due in part because the Council wanted to arrive at a final design that has thorough input from residents of the Quail Run Mobile Estates, and the surrounding businesses.
2. At the City Council meeting on July 8, 2017, the proposed design was accepted and the City Council authorized staff to prepare final bid documents and advertise for bids.
3. The final design that the City Council authorized consists of the following design features (note: existing curb to curb width is 64-feet):

Creston to Commerce

(4) 11-foot travel lanes	44 feet
(2) 4.5-foot bike lanes	9 feet
Median (striped)	<u>11 feet</u>
Total	64 feet (Note: no parking on either side)

The southwest curb at Commerce would remain in its present location but would be modified to meet the Americans with Disabilities Act (ADA) requirements.

Commerce to Fontana

(2) 11-foot travel lanes	22 feet
(2) 4.5-foot bike lanes	9 feet
(1) Parking lane (south side)	7 feet
Median (striped)	<u>26 feet</u>
Total	64 feet

- Landscape and irrigation (south side only)
 - Streetlights
 - Install missing curbs and sidewalks at south side by Creston Road
 - Traffic signal at Commerce and Sherwood
 - Reconstruct and repair deteriorated road surface (curb to curb)
 - Repair and reconstruct deteriorated curbs and sidewalks
 - Install 8 inch sewer main from Fontana to Commerce
4. The Engineer's Estimate was \$2,610,000. At the bid opening on March 15, 2018, five bids were received as follows:

Souza Construction	\$1,716,500.00
Calportland Construction	\$1,723,469.90
R. Burke Corporation	\$1,776,847.65
Raminha Construction	\$1,989,324.00

Whitaker Construction \$2,210,741.05

5. In reviewing the data of the soils boring, it was determined that the road subgrade has failed. To ensure that the road repair has an extended useful life, it is necessary to perform a full depth reclamation (up to 18 inches), of the area beneath the existing asphalt. In order to ensure proper compaction and testing, lab analysis will need to be performed for every 2 inches of layer returned to the subgrade. The sewer line trench will also require compaction testing and lab work to ensure the pipes are properly backfilled around the perimeter.
6. A licensed traffic engineer will be needed to ensure that the new traffic signal is installed properly and then programming its operation.
7. Finally, detailed construction services, including staking, will be provided by Cannon (the project design firm). Cannon's fees for the above scope is as follows:

Sewer Line Construction	\$ 12,000
Road work, traffic signal, curbs, gutter, sidewalks, landscaping and construction staking	<u>\$184,663</u>
Total	\$196,663

Options

1. Take no action;
2. Award the construction contract to Souza Construction in the amount of \$1,888,150 (\$1,716,500 + 10% contingency);
3. Award Construction Management Services contract to Cannon, in the amount of \$216,329 (\$196,663 + 10% contingency),

Analysis and Conclusions

Staff reviewed the bid submitted by Souza Construction and found it to be a responsible and responsive bid.

Fiscal Impact

There are adequate appropriated funds in sewer budget no. 6019101-54520-C0007, and Sherwood Road General Fund budget no. 1009101-54520-C0060, to award these contracts as follows:

	General Fund	Sewer Fund	Total
Souza Construction	1,781,130	107,020	1,888,150
Cannon	203,129	13,200	216,329
Total	1,984,259	120,220	2,104,479
Available Budget	2,102,348	275,248	2,377,596

Recommendation

Award the construction contract for the Sherwood Road Improvement Project to Souza Construction, in the amount of \$1,888,150 (\$1,716,500 +10% contingency), and construction management services to Cannon, in the amount of \$216,329 (\$196,663 + 10% contingency).

Attachments

1. Resolution #18-XXXX

RESOLUTION NO. 18-XXX

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES
AUTHORIZING THE CITY MANAGER TO EXECUTE AGREEMENTS WITH SOUZA
CONSTRUCTION AND CANNON ENGINEERING FOR THE CONSTRUCTION AND
CONSTRUCTION MANAGEMENT OF THE SHERWOOD ROAD IMPROVEMENT PROJECT

WHEREAS, repairing and improving Sherwood Road from Creston to Fontana is one of the major projects authorized by the Council shortly after the approval of Supplemental Sales Tax. The design work was initiated immediately but the actual construction of the improvements was scheduled for summer of 2018. This was due in part because the Council wanted to arrive at a final design that has thorough input from residents of the Quail Run Mobile Estates, and the surrounding businesses; and

WHEREAS, at the City Council meeting on July 8, 2017, the proposed design was accepted and the City Council authorized staff to prepare final bid documents and advertise for bids; and

WHEREAS, the final design that the City Council authorized consists of the following design features (note: existing curb-to-curb width is 64-feet):

Creston to Commerce

(4) 11-foot travel lanes	44 feet
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- Traffic signal at Commerce and Sherwood
- Reconstruct and repair deteriorated road surface (curb to curb)
- Repair and reconstruct deteriorated curbs and sidewalks
- Install 8 inch sewer main from Fontana to Commerce; and

WHEREAS, the Engineer's Estimate was \$2,610,000. At the bid opening on March 15, 2018, five bids were received as follows:

Souza Construction	\$1,716,500.00
Calportland Construction	\$1,723,469.90
R. Burke Corporation	\$1,776,847.65
Raminha Construction	\$1,989,324.00
Whitaker Construction	\$2,210,741.05; and

WHEREAS, in reviewing the data of the soils boring, it was determined that the road subgrade has failed. To ensure that the road repair has an extended useful life, it is necessary to perform a full depth

reclamation (up to 18 inches), of the area beneath the existing asphalt. In order to ensure proper compaction and testing, lab analysis will need to be performed for every 2 inches of layer returned to the subgrade. The sewer line trench will also require compaction testing and lab work to ensure the pipes are properly backfilled around the perimeter. Also, a licensed traffic engineer will be needed to ensure that the new traffic signal is installed properly and then programming its operation. Finally, detailed construction services, including staking, will be provided by Cannon (the project design firm). Cannon (original designers), fees for the above scope is as follows:

Sewer Line Construction	\$ 12,000
Road work, traffic signal, curbs, gutter, sidewalks, landscaping and construction staking	<u>\$184,663</u>
Total	\$196,663.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. All of the above recitals are true and correct and incorporated herein by reference.

Section 2. The City Council hereby recognizes that sufficient funds have been appropriated for the Sherwood Road Improvement Project, and approves the construction contract with Souza Construction in the amount of \$1,888,150 and the construction management contract with Cannon Engineering in the amount of \$216,329, and authorizes the City Manager to execute those agreements.

Section 3. The City Council hereby authorizes the City Manager to make any technical, minor and non-substantive changes approved by the City Attorney

Section 4. This Resolution shall take effect on the date it is approved by the City Council.

APPROVED this 3rd day of April, 2018, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Steven W. Martin, Mayor

Kristen L. Buxkemper, Deputy City Clerk