



City Manager Report

Final City Manager Approval	Approver Name	Date Approved
City Administration	Shelly	8/21/2020

Reviewer Routing List	Reviewer Name	Date Reviewed
City Attorney	MJ	8/21/20
Finance	NH	8/21/20

August 21, 2020

FROM:	Luke Schwartz, Transportation Manager (for Matt Horn, Public Works Director)	<i>LJS</i>	6/21/2020
PREPARED BY:	Bryan Wheeler, Transportation Planner/Engineer III		
SUBJECT:	Railroad Safety Trail Taft to Pepper, Spec 91375 Construction Contract and Materials Testing Award		

RECOMMENDATION

1. Award a contract to Souza Construction Inc. in the amount of \$3,774,960.26 for construction of the "Railroad Safety Trail Project, Specification No. 91375" (Attachment A); and
2. Approve issuance of Purchase Order to Earth Systems in the amount of \$96,013 for Materials Testing Services for the "Railroad Safety Trail Project, Specification No. 91375" (Attachment C); and
3. Approve a Purchase Order Amendment for TRC Engineering, increasing their approved budget by \$99,814 for construction engineering support for the "Railroad Safety Trail Project, Specification No. 91375" (Attachment D).

DISCUSSION

Construction Contract

On March 17, 2020, the City Council authorized the City Manager to award the construction contract for the upcoming Railroad Safety Trail ("RSST") Taft to Pepper project if the lowest responsible bid is within the publicly disclosed funding amount of \$5,070,600. The Council Agenda Report for this item is provided for reference as Attachment B. The project was advertised for bidding on June 6th, 2020. Bids were received on July 9th, 2020 by the five construction firms listed below:

- Souza Construction Inc.
- Bough Construction
- Granite Construction
- R. Burke Construction
- Papich Construction

The bids were all determined as responsive after review by staff and the design consultant, TRC Engineering. Table 1 shows the breakdown of bid cost for the project:

Table 1: Construction Contract Bids

	Engineer's Estimate	Souza	Brough	Granite	R. Burke	Papich
Total Bid	\$4,440,600	\$3,774,960.26	\$4,155,070.15	\$4,845,580.00	\$4,914,475.20	\$5,566,119.83

Staff reviewed the bid documents, legal requirements, and Disadvantaged Business Enterprise (DBE) goal documentation, and concluded that the apparent low bidder provided the lowest cost responsive bid. Staff therefore recommends awarding the construction contract to Souza Construction Inc. for the Project. Souza's bid proposal is provided for reference as Attachment A.

Materials Testing

On June 4, 2020 a Request for Proposals was solicited to the City's on-call Materials Testing firms to provide materials testing services in conjunction with construction of the RRST project. Two proposals were received on June 26, 2020 from the following consultants:

- Earth Systems
- GeoSolutions

The proposals were reviewed by two internal CIP Engineering staff as well as the project design consultant. The proposals were ranked based off the firm's qualifications, experience of staff, project understanding and approach to the work, familiarity with State and Federal Procedures and references. Earth Systems ranked the highest by all three reviewers, primarily for their extensive knowledge and experience on structures and bridges, and the understanding of the test involved for the project. The following table shows the breakdown of reviewers scores:

Table 2: Materials Testing Consultant Proposal Score (out of 25 points)

Earth Systems	16.75
GeoSolutions	15

Based on the qualifications of Earth Systems, and their high-ranking proposal, staff is recommending awarding the Materials Testing Services to Earth Systems. Their proposal, provided for reference as Attachment C, is \$11,197 over the estimated cost for materials testing identified in the March 17, 2020 Council Agenda Report. However, there are sufficient funds remaining in the total approved project budget to cover the additional cost required for materials testing and staff is recommending proceeding with issuance of a purchase order to Earth Systems for these services. It should be noted that the proposals for Construction Management Services and Materials Testing were solicited using the City's established on-call contracts for these services and are not eligible to be paid with grant funds. There are sufficient local funds allocated to the project to cover these costs.

Design Support

Additional construction support is required from the project design consultant, TRC Engineering, to cover review of bridge submittals and Requests for Information (RFIs) and to continue coordination with Union Pacific Railroad during construction activities. The design consultant's proposal for a contract amendment to provide construction support services is included for

reference as Attachment D. There are sufficient local funds within the total approved project budget to cover these costs. This work would be billed on a time and material basis, with the remaining funds to be allocated back to the corresponding local fund account (Traffic Impact Fee Program) upon completion of construction.

FISCAL IMPACT

The project was approved as part of the 2017-19 Financial Plan. Currently, there is \$6,010,108 available in the project budget, which is sufficient to fully fund the total costs of construction, construction engineering support, construction management support, and materials testing services.

The \$3,774,960.26 bid cost proposed by Souza Construction, Inc. is within the authorized amount of \$5,070,600, is below the engineer's estimate of \$4,440,600, and leaves \$780,387 remaining in the project account. Remaining funds from the project account will be transferred back to the Traffic Impact Fee fund account upon completion of construction.

Railroad Safety Trail Taft to Pepper, Specification No. 91375	
Construction Contract:	\$3,774,960
Construction Contingencies (15%):	\$630,000
Construction Management:	\$518,934
UPRR Items Outside Construction Contract	\$110,000
Materials Testing	\$96,013
TRC Construction Engineering Support	\$99,814
Total Estimated Project Cost:	\$5,229,721
Current Project Budget (State Funds):	\$3,494,000
Current Project Budget (Local Funds):	\$2,516,108
Total Budget:	\$6,010,108
Remaining Funds:	\$780,387

ALTERNATIVES

Deny awarding the project. The City Manager could choose to not award the contract. Staff does not recommend this alternative. The City would be unable to proceed with the construction phase. This could put the federal funding in jeopardy as the project must be awarded for construction prior to December 31, 2020.

ATTACHMENTS

- A. [Souza Construction Inc. Project Bid](#)
- B. [CAR 3/17/2020 Authorizing City Manager to Award](#)
- C. [Earth Systems Proposal](#)
- D. [TRC Proposal](#)