



COLORADO
Department of Transportation
Division of Engineering Support

Contracts & Market Analysis Branch
4201 East Arkansas Avenue
Denver, Colorado 80222

TO: SHAILEN P. BHATT, EXECUTIVE DIRECTOR FSA 085A-018
FROM: JOHN A. EDDY, PE, CMA BRANCH MANAGER US 85: BRIGHTON GUARDRAIL PLACEMENT
VIA: JOSHUA LAIPPLY, PE, CHIEF ENGINEER 20779
DATE: 7/20/2016 REGION 1
SUBJECT: AWARD TO LOW RESPONSIBLE BIDDER C.R.S. 43-1-113 (16)

Pursuant to C.R.S. 43-1-113(16) as amended, it has been determined that it is in the best financial and economic interest of the State to award R1's US 85 guardrail placement, project FSA 085A-018 (20779) to the low responsible bidder, Concrete Express, Inc. ("CEI").

Project Description: This Region 1 project is located on US85 from SH 7 to Bromley Lane with unclassified excavation, removal of fence, placement of Guardrail Type 7, curb and gutter, electrical conduit, and fiber optic line in Adams County, Colorado. Safety on this roadway will be improved with the placement of a tall concrete barrier with glare screen between southbound US 85 and Kuner Road, to prevent crossover crashes.

Financial Impact: CEI's proposal totaled \$1,094,605.20. The project would normally be rejected by statute since there were only two bidders and CEI's bid is 142% of the engineer's estimate. The second low bidder was 165% of the engineer's estimate. The region has secured the additional funds necessary to award the project.

Cost Analysis: An analysis of the bid schedule shows five items significantly higher than project estimates.

1. Mobilization was estimated at 7% of the bid estimate, or \$50,000, based on a typical range of 6% to 8% for this type of project. CEI's price for this item was 13%, or \$144,500. CEI proposed this amount due to their higher management costs for CDOT projects.
2. The Impact Attenuator was estimated at \$12,000 (EACH) and the low bid was \$29,000 (EACH). The Contractor stated the price was based on quotes submitted by the sub-contractors.
3. The Field Office was estimated at \$12,000 (EACH), or an average cost of about \$3,000 per month. The low bid was \$22,600 (EACH). The Contractor said their cost was based on the costs to get electricity, and other utilities, along with permits, land rental and other operating costs associated with this item.
4. The Traffic Control Management was priced at \$650/Day which is higher than the average cost for the area and project size. The estimator considered the project agreement with the City of Brighton which allowed for closure of the Frontage Road to ease construction access and thereby determined \$650 (DAY) to be adequate compensation. The low-bid for this item was \$930 (DAY). The Contractor stated their low-bid was based on the cost submitted by the sub-contractor.
5. The Curb and Gutter and the Concrete Glare Screen were estimated at average, to above-average costs of \$20 (LF) and \$100 (LF), respectively. The low bids for these items were \$24.70 (LF) and \$112 (LF), respectively. The Contractor stated the Project Specials had a clause that required the Contractor to supply the concrete forms (at a cost of \$6,000 (EACH)) to CDOT at the end of the Contract, hence the higher bid price.

After further consideration, EEMA and Region 1 consider these items acceptably priced as proposed by CEI.

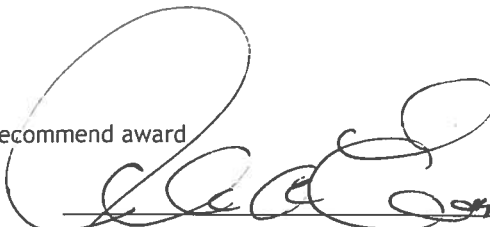
Other Considerations: It is unlikely project re-advertisement would result in greater competition. Given the increased safety from the project, it is recommended that the project be constructed this season.

I recommend award

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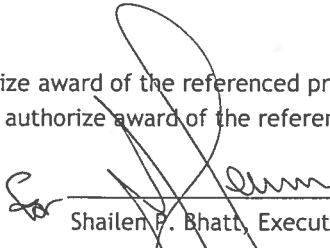
I do not recommend award



John A. Eddy, PE, CMA Branch Manager Date 7/20/16

I authorize award of the referenced project

I do not authorize award of the referenced project



Shailen P. Bhatt, Executive Director or Delegate Date 7/22/16

cc: Randy Jensen, FHWA
Scott McDaniel, Director, Division of Project Support
Marci Gray, Engineering Contracts
Central Files