



COLORADO
Department of Transportation
Office of the Chief Engineer

TO: SHOSHANA M. LEW, EXECUTIVE DIRECTOR
FROM: MARKOS ATAMO, PE, CMA BRANCH MANAGER
CC: STEPHEN HARELSON, PE, CHIEF ENGINEER *SH*
DATE: 04/17/2020
SUBJECT: AWARD TO LOW RESPONSIVE BIDDER C.R.S. 43-1-113 (16)
PROJECT: SHE R100-339 (23432R) REGION 1 WRONG WAY DRIVING TRAFFIC CONTROL ENHANCEMENTS
PHASE 1

Pursuant to C.R.S. 43-1-113(16), it has been determined that it's in the best financial and economic interest of the State to award Region 1's project SHE R100-339 (23432R) to the low bidder CC Enterprises.

Project Description: This project is in Region 1 at various locations for completing the first phase of wrong way driving control enhancements for signing and signal head upgrades. The project was solicited under a design bid build (low bid) project delivery method where only one bid was received from CC Enterprises being the lowest responsive bidder.

Financial Impact: CC Enterprises's bid proposal totaled \$2,165,914.00 compared to the CDOT engineer's estimate of \$1,892,849.00. The project risks rejection by Statute since there was only one bidder and their proposal was 114.43% of the engineer's estimate. Region 1 has verified they have funding available for the award of the project to CC Enterprises.

Cost Analysis: An analysis of the bid schedule revealed that the bid line items identified below resulted in the overall bid from CC Enterprises being more than 10% over CDOT's engineer's estimate for the project.

Bid Item Description	QTY	Unit	Unit Price		Total Cost Difference	% Over Eng. Estimate
			Low Bid & Eng. Est.			
PAINT GROUND SIGNS	380	EA	\$50.00	\$225.00	\$66,500.00	3.51%
MOBILIZATION	1	LS	\$175,000.00	\$325,000.00	\$150,000.00	7.92%

The engineer's estimate for the above bid items was based on historical data from similar projects with comparable quantities. In verifying CC Enterprises bid offer, research revealed that the expenses for mobilization were higher due to the increased costs for relocating from sign to sign which included lodging and rental equipment. The cost estimate for painting of the ground signs was based on material costs and labor to remove/replace with pre-selected refurbishing of the existing signs. The improvements will improve intersection and roadway safety throughout the region. It is imperative that this project be awarded as soon as possible. Re-advertisement would risk delaying these important safety improvements.

Based on the cost analysis, EEMA and Region 1 consider CC Enterprises proposed overall bid pricing to be fair and reasonable.

Staff Review & Recommendation: Given the overall project dynamics mentioned above, re-advertisement of the project is unlikely to result in more competition or reduced pricing. The Region 1 Project Management Team's analysis and recommendation to award the project is provided in the attached memorandum to this request. As a result, staff recommends proceeding with the award of the project to CC Enterprises.


- I recommend award
- I do not recommend award


Markos Atamo (Apr 27, 2020)


Date 04/27/20

Markos Atamo, PE, CMA Branch Manager

- I authorize award of the referenced project
- I do not authorize award of the referenced project


Date _____

Shoshana M. Lew, Executive Director

cc: Stephen Bokros, EEMA Manager, Contract Market Analysis 
Markos Atamo, Manager of Project Support 
Jerad Esquibel, Director, Division of Project Support
RB Simmons, Engineering Contracts
Records Center



COLORADO
Department of Transportation
Region 1

Traffic and Safety
2829 W. Howard Place
Denver, CO 80204

MEMORANDUM

TO: RB Simmons, Construction Contracts Manager
FROM: Ben Kiene, Resident Engineer
DATE: April 10, 2020
SUBJECT: 23432R Project Award to Low Responsive Bidder

This memorandum provides the Region 1 project team request to award project SHE R100-339 (23432R) along with an engineering discussion on why it is in the best interest of the State to award the project. This project consists of installation of signing, pavement marking, and traffic signal enhancements to prevent wrong-way entry to freeway exit ramps from cross streets. Key discussion includes:

1. This project is the first of two phases to provide larger and more conspicuous “do not enter”, “wrong way”, and “one way” signs, and positive driver guidance at ramp terminal intersections at all Region 1 freeway interchanges to reduce the frequency of wrong-way entries onto freeways. While still relatively rare, the frequency of crashes involving wrong-way entries onto freeways has increased in recent years. Further delay to these low-cost enhancements adversely impacts our ability to influence this trend as soon as possible.
2. When previously advertised, we rejected this project’s bid due to the bid amount exceeding the engineer’s estimate by more than double. The bid let on April 9 is significantly closer to the engineer’s estimate while retaining virtually all of the scope elements.
3. We have reviewed the bid tabulations and they appear reasonable.

Please feel free to contact me at 303.916.1630 if you have any questions or would like to discuss this request further.

