



**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 NHPP R100-291  
 FROM: MARKOS ATAMO PE, CMA BRANCH MANAGER I-225 SB RESTRIPIING & LANE ADDITION AT I-25  
 CC: JOSHUA LAIPPLY, PE, CHIEF ENGINEER 22039  
 DATE: 9/12/2017 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's in the best financial and economic interest of the State to award Region 1's project, restriping I-225 Southbound from Yosemite to I-25 to add another through lane, NHPP R100-291 (22039), to the low responsible bidder, K.E.C.I. of Colorado Incorporated ("KECI").

Project Description: This Region 1 project is located on I-225 Southbound, from Yosemite to I-25 and consists of restriping to add another through lane, guardrail and final signing in Denver County.

Financial Impact: KECI's proposal totaled \$685,567.00. The project would normally be rejected by statute since there were only two bidders and their proposals are 146% and 156% of the engineer's estimate. The region has secured additional funds for the project.

Cost Analysis: An analysis of the bid schedule shows the concrete barrier (temporary) item to be significantly higher than the project estimate. The estimated quantity of concrete barrier (temporary) for this project is 2,380 LF, CDOT's EEMA team estimated this item at \$55.00/LF. KECI proposed \$99.00/LF, resulting in a 22.4% higher project cost than the engineer's estimate. The estimator used historical data for comparable quantity for this item given current market conditions. However this project requires the concrete barrier wall to remain in place indefinitely, therefore cost item 606-00700 Guardrail Type 7 should have been used. Considering this information, KECI's proposed price for this item is reasonable.

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

Other Considerations: The congestion on this roadway has had high profile attention and the Department desires to implement the cure this summer. CDOT is working with local agencies in the area to ensure the success of this project. Given the cost justification, no savings are anticipated were the project to be re-advertised. This is further supported by the limited quantities in the schedule and limited time remaining in this construction season. Given these considerations and the above detailed justification of the proposal costs, it is recommended that the project's award be authorized.

- I recommend award
- I do not recommend award

 Date 9/14/17  
 Markos Atamo, PE, CMA Branch Manager

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

 Date 9/18/2017  
 Michael Lewis, Deputy Executive Director on behalf of Shailen Bhatt

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