



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 0703-411
 FROM: JOHN A. EDDY, CMA BRANCH MANAGER I-70 EJMT METERS & STATIONS
 VIA: JOSHUA LAIPPLY, PE, CHIEF ENGINEER 20070
 DATE: 6/30/2015 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 the I-70 Eisenhower-Johnson Memorial Tunnels traffic metering equipment and attendant station buildings, FSA 0703-411 (20070) to the low responsible bidder, ADB Companies, Inc.

Project Description: This Region 1 project consists of installation of a permanent traffic metering device at the west portal with overhead sign structures, traffic signals, lane use signals, control systems, electrical conduit, wiring, reset of existing equipment, replacement of attendant station buildings at the tunnel east and west portals and construction traffic control in Clear Creek and Summit Counties, Colorado.

Financial Impact: ADB's proposal totaled \$1,674,206.52, which is within the project budget. The project would normally be rejected by statute since there were only two bidders and ADB's bid is 113.9% of the engineer's estimate.

Cost Analysis: A committee made up of R1's project team and members of the Contracts Market Analysis Branch staff met to review the bid results.¹ In the review, the port of entry building bid item was recognized as containing a significant cost delta. In estimating costs for this atypical item for highway construction projects, a consultant's estimate was relied upon for this item, pricing it at \$108,000. ADB estimated the item at \$178,983 and with a quantity of 2, this item was 165.7% or \$141,967 over the CDOT engineer's estimate. The only other proposal from Sturgeon Electric proposed \$221,000 for this item and their total proposal was 202.6% of the engineers estimate. The committee unanimously voted to seek Executive Director approval to award the project.

Other Considerations: This RAMP project is an important job for the traveling public to control the flow of traffic on I-70 at the EJMT. The location of the work, at 11K feet, has a limited construction window and a readvertisement would delay the project to the summer months of next construction season. The installation of the traffic device for this project is atypical in that it interfaces with many more systems, it meters traffic CFM and ties in with systems controlling overheight vehicles. With a meter that runs on logic chips, the complex work required of this project is far from traditional signal work.

- I recommend award
- I do not recommend award


 John Eddy, PE, CMA Branch Manager

Date 7/1/15

¹ Committee members include John Eddy, Shawn Yu, Marci Gray, Roy Pallman, Clark Roberts, Solomon Haile and Ben Kiene.

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

for _____ Date 7/5/2015
Shailen P. Bhatt, Executive Director or Delegate

cc: Randy Jensen, FHWA
Scott McDaniel, Director, Division of Project Support
Alazar Tesfaye, A. R1
Lillian Borne, L. R1
Marci Gray, Construction Contracts
Central Files