



COLORADO

Department of Transportation

Division of Engineering Support

TO: MICHAEL LEWIS, EXECUTIVE DIRECTOR
 FROM: MARKOS ATAMO PE, CMA BRANCH MANAGER
 CC: JOSHUA LAIPPLY, PE, CHIEF ENGINEER
 DATE: 7/24/2018
 SUBJECT: AWARD TO LOW RESPONSIBLE BIDDER C.R.S. 43-1-113 (16)
 PROJECT: NHPP 0703-4396 (21224) EMJT PLENUM MEMBRANE REPAIR

Pursuant to C.R.S. 43-1-113(16), it has been determined that it is in the best financial and economic interest of the State to award Region 1's project NHPP 0703-433 (21224), to the low responsible bidder, ABCO Contracting Inc. ("ABCO").

Project Description: This Region 1 project is located on I-70 in the Eisenhower Johnson Memorial Tunnel in Clear Creek and Summit Counties. This project consists of repairing the damaged water proofing on the false ceiling in both Eisenhower and Johnson Tunnels. The waterproofing has become worn or damaged over time and protects the concrete ceiling in both tunnels from water damage.

Financial Impact: ABCO's proposal totaled \$1,017,261. The project would normally be rejected by statute since there was only two bidders and their bid is 125% of the engineer's estimate. The region has secured the additional funds necessary to award the project.

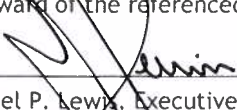
Cost Analysis: Estimation for this unique type of work could not rely on historical cost data. There were two items on the schedule with the greatest discrepancy from the estimated price. One was the removal of the waterproofing membrane which has an approximate quantity of 2,644 SY and the low bid was \$47 verses \$28 estimate and the other item was waterproofing (duct floor) for 3,962 SY and the low bid was \$82.50 verses \$52.00. For both of these items the contractor has stated that limited access and the confined working space within the plenum restricts the use of conventional equipment for the work, reducing productivity. Contractors also cited the new CDOT waterproofing specification requiring more expensive materials than had been previously required.

Other Considerations: During the mandatory prebid meeting and job showing some of the areas of the repair were wet due to active areas of dripping from the leaky liner. This concerned contractors because the product needs to be applied in a clean and dry environment. Region 1 considers this a valid concern by the contractors. Given this work is specialized and the aforementioned justification of the proposal costs, re-advertisement is unlikely to result in greater competition. It is also desirable to start work this fall when the plenum and liner are at their driest. It is recommended that the award be authorized.

- I recommend award
- I do not recommend award


 _____ Date 7/25/18
 Markos Atamo, PE, CMA Branch Manager

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


 _____ Date 7/27/18
 Michael P. Lewis, Executive Director

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