



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 BR 0252-440

FROM: JOHN A. EDDY, CONTRACTS AND MARKET ANALYSIS BRANCH MANAGER I-25 UPPER LAKE GULCH

VIA: SCOTT MCDANIEL, DIRECTOR, DIVISION OF PROJECT SUPPORT BRIDGE REPAIR

VIA: JOSHUA LAIPPLY, CHIEF ENGINEER 20362S

DATE: MAY 12, 2015

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-25 Upper Lake Gulch Road Bridge Repair project, BR 0252-440 (20362S) to the low responsible bidder.

This project consists of bridge repair on the Upper Lake Gulch Road bridge with milling, erosion control, SMA, bridge deck and pier repair and traffic control. The deck repair is the major work item for this project. This impacts both lanes of northbound I-25.

The project was let for the third time on April 16, 2015. There were no bids received at the previous two bid lettings. Attached please find a cost justification detailing the engineer's estimate and the bid proposal received from the only bidder, Structures Inc.

If the project is not awarded as recommended, there will be costs to the Maintenance burden, increased expense to repair the bridge in the next construction season and to the detriment of the traveling public. Patching operations are considered to be a likely need after every significant precipitation event estimated at \$30-50K in HMA overlay as a temporary fix. Due to the poor bridge deck condition, this would be expected to deteriorate quickly. Additional deterioration is estimated to increase project costs \$50K annually and would result in longer project duration and associated road user delays.

There are no upcoming R1 South projects that could be combined with this work.

The top lift of interstate HMA/SMA paving requires a PG 76-28 binder. Use of this material requires a window of approximately May to September. Performing the work during the Renaissance Festival (i.e. weekends from June 13-August 2, 2014) is infeasible as it would require either entirely weekday work or unacceptable weekend delays.

This is a relatively small bridge project. Other planholders for the project have indicated that the 24/7 work requirement cannot be managed with other obligations this construction season. If the project were to advertise a fourth time, it is unlikely that this project would attract more bidders, or the cost would be substantially lower. In fact, the costs could increase for the reasons detailed herein.

Award of the project to the low bidder is recommended if additional funding is available.

I recommend award  Date 5/25/15

John Eddy, PE, CMA Branch Manager

I concur Scott McDaniel Date 5.25.2015
Scott McDaniel, PE, Director, Division of Project Support

I concur Joshua Laipply Date 5/27/2015
Joshua Laipply, PE, Chief Engineer

This project is hereby approved by the Executive Director in accordance with Section 43-1-113 (16), CRS (2015).

- I concur
- I do not concur

MD So Shailen P. Bhatt Date 5/28/15
Shailen P. Bhatt, Executive Director

cc: Central file via: Laipply
Gray-Construction Contracts