Special Experimental Project No. 14 (SEP-14) Workplan Colorado Department of Transportation Clear Creek County, Colorado Fixed Budget / Best Value Contracting October 8, 2009

Project Number: ES1 C510-023

Project Code: 17456 County: Clear Creek

Length of Project Limits: 4.88 miles

Location: Beginning south of the I-70 Bakerville interchange (Exit 221) extending west along

the Bakerville to Loveland Basin. Contract Cost: \$440,000.00 (Fixed)

#### Introduction

Clear Creek County submits this work plan for review and approval as a fixed price best value project under the provisions of Special Experimental Project No. 14 (SEP 14) for the use of innovative contracting practices. Clear Creek County has traditionally used the design-bid-build method of constructing on similar projects. The existing Bakerville to Loveland Basin Recreational Trail requires paving to provide bicyclists a route, other than I-70, from the Bakerville interchange to US-6 and Loveland Pass.

### **Purpose**

The purpose of this fixed cost best value contracting method is to use a fixed amount of dollars attached to the project to obtain the greatest amount of specified work. Because the work items are consistent throughout the length of the project and the end station can vary in this phase, Clear Creek County expects to gain more value for the dollar by advertising in this manner.

### Scope

This work will consist of constructing an aggregate base course, hot mix asphalt pavement, drainage improvements, and placing stormwater BMP devices for a distance of up to 4.88 miles of Bakerville to Loveland Bikeway.

#### Schedule

This project is scheduled to be let on the week of December 28, 2009. If accepted, the bid will be awarded on the week of January 18, 2010. Construction is expected to begin in May of 2010 with an estimated 40 day construction schedule.

# **Evaluation**

The project will be bid as lump sum in the amount of \$440,000.00. The bidders will bid to construct all work required by the contract beginning at station 0+00 and culminating at the

station value bid in the pay item Construct Project to Station (\*\*+\*\*). The bids received will be evaluated on the best value, based on the total station length (length of bikeway provided starting with station 0+00). The traditional method of award for Clear Creek County is based on the lowest responsible bid. The Engineer's estimate for comparison of bids received will be based on traditional estimating factors converted to a station value. For this method of contracting, Clear Creek County will base the award on the highest station value bid.

# Reporting

An initial/final report will be submitted to FHWA after the completion and acceptance of the project. The report will include industry reactions and issues, an overall evaluation of the project, along with any suggestions and recommendations for improving the process.