

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 08-27-13

Contract ID 121116-D01 Job No. J5P0964

County Boone Route 63 Original Contract Amount \$920,267.76

Contractor Chester Bross Construction Co By Collin Anderson

Designed By Invia Pavement Technologies Phone 573-619-2903

VECP# 13-47 (to be completed by C.O.) VECP or PDVECP

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**
Existing requirements for shoulder treatment contracted as Seal Coat, Grade C - 53,787 SY @ \$1.30 = \$69,923.10
Proposed Change:
Surface Sealer (Mastic) for shoulder treatment in lieu of Seal Coat, Grade C. Surface Sealer 53,787 SY @ \$1.00 SY = \$53,787.00
Advantage: Proposed Surface Sealer is a durable mastic surface treatment delivered and applied mixed. in contrast to seal coat with loose aggregate within the workzone: please see attachments.
2. **Estimate of reduction in construction costs.** \$16,136.10
3. **Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**
None
4. **Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**

08-30-13
(date)
5. **Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

09-15-13 None
(date) (effect)
6. **Dates of any previous or concurrent submission of the same proposal.**

None
(date and/or dates)

Additional Comments:

Please see attachments

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

MoDOT is in favor of this request., This product will be considered a lesser product, due to the lower skid resistance numbers it has compared to a chip seal. We do want to add one stipulation: The InVia can not be applied to the shoulders until after the rumbles are ground in and prior to the paint is applied. this will allow the rumbles to be sealed too. Thus, this VE will be considered a PDVECP with a 75/25 split. Total savings of \$16,136.10 with the contractor receiving \$4,034.03.

_____ 9-9-2013
Submitted By Resident Engineer Date

Comments:

Agree with comments above.

Approval Recommended _____
 Rejection Recommended _____
District Engineer Date

Comments:

N/A

Approval Recommended _____
 Rejection Recommended _____
Federal Highway Administration Date
Required for FHWA Full Oversight Projects

Comments:

This is approved since it is on a shoulder and there is minimal cracking. The cost share is 25%. The contractor will be required to follow the Job Special Provision provided by MoDOT.

Approval _____
 Rejection _____
State Construction and Materials Engineer Date