

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 06/25/2010

Contract ID 100430-611 Job No. J6I1885

County St. Louis Original Bid Cost \$2,748,495.89

Contractor Millstone Bangert, Inc. By Bob Kile

Designed By MoDOT Phone 314-691-3958

VECP# 10-73 (to be completed by C.O.) VEC or PDVEC

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
Existing: Current Stage 2 plans show 2 stages each to complete the rehabilitation of bridges A46511 and A46531 (I-64 Flyovers to I-270) using temporary traffic barrier to divide the bridges into halves.
Proposed: We propose to perform this work in 2 stages while maintaining 2 lanes using some of the temporary traffic control features shown on the plans. This will minimize the impact to the traveling public by shortening the duration of time it will take to complete the work and generate savings by underrunning some of the traffic control items set up in this stage.

2. Estimate of reduction in construction costs. \$3,234

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.

06/25/2010
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

N/A None
(date) (effect)

6. Dates of any previous or concurrent submission of the same proposal.

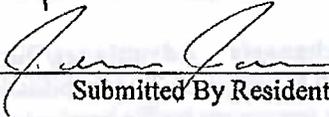
N/A
(date and/or dates)

Additional Comments:

Attached is a spreadsheet with estimated quantity revisions for this VE. Using this revised construction method MBI will minimize the durations of impact on the regional mobility of the traveling public. The approach slabs and pavement will be constructed in 2 equal halves as opposed to the planned 3 stages.

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

Comments: MoDOT core team and FHWA have reviewed this proposal and are ok with the changes. It saves time and money to the contract.



Submitted By Resident Engineer

8-3-10

Date

Comments:

I recommend approval of this VE as long as the changes are done in accordance with the MUTCD manual.



Digitally signed by Matthew Budd
DN: cn=Matthew Budd, o=MoDOT, ou=D6
Construction and Materials,
email=Matthew.Budd@modot.mo.gov, c=US
Date: 2010.08.06 10:33:41 -05'00'

Approval Recommended

Rejection Recommended

District Engineer

Date

Comments: I recommend approval of this value engineering change proposal.

Approval Recommended

Rejection Recommended



8/12/10

Federal Highway Administration

Date

Required for FHWA Full Oversight Projects

Comments: Approved on the basis of the comments and actions listed above. Denis Glascock. 8/9/2010.

Approval

Rejection



Digitally signed by Denis Glascock
DN: cn=Denis Glascock, c=US, o=MoDOT, ou=3H35, email=Denis.Glascock@modot.mo.gov
Date: 2010.08.09 10:20:12 -05'00'

State Construction and Materials Engineer

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- Bridge/Structure/Footings
- Drainage Structures (RCP, RCB, CMP's, ect.)
- TCP/MOT
- Paving (PCCP, ect.)
- Grading/MSE Walls
- Signal/Lighting/ITS
- Misc

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

This VE involves reconfiguring the traffic control to facilitate the eliminate of a stage of work.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
