

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 2/23/11

Contract ID 100122-606 Job No. J6U1028S

County St. Charles 364 Original Bid Cost \$7,060,458.79

Contractor Kolb Grad.(Prime), J.M.M.C. (Sub) By Todd Wall

Designed By EFK Moen, LLC Phone 636-938-3600

VECP# 11-09 (to be completed by C.O.) VECP or PDVECP

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
 The existing requirements are to construct temporary crossover pavement on Highway 94. This area of misc. crossover optional pavement totals 5,402.80 SY and was to be constructed of either 9.5" of asphalt pavement or 7.5" of concrete pavement. Our proposed change would be to construct the crossover pavement with 8" of Roller Compacted Concrete in these areas in lieu of the asphalt or concrete. The advantages of accepting this change is a reduction in project cost as listed below and completing the crossover pavement with RCC can be done in colder weather conditions that may not be desirable for constructing asphalt pavement, which keeps the project on schedule.

2. Estimate of reduction in construction costs. \$21,611.20

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.
 There should be no negative effects this change will have on MODOT. The crossover pavement we will be constructing is in fact temporary and will be demolished after its use on the next phase of construction, in which the demolished material could then be used for a Type 2 Rock Blanket creating another VE for that contractor. J.M. Marschuetz will still be accountable for the quality of the temporary pavement and held responsible for maintaining it throughout the duration of the project.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.
N/A
 (date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.
3/11/11 N/A
 (date) (effect)

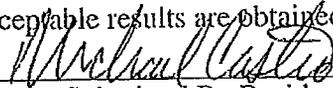
6. Dates of any previous or concurrent submission of the same proposal.
N/A
 (date and/or dates)

Additional Comments:

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

Comments:

I discussed this proposal with Brandon Simmons, MoDOT Pavement Specialist, and he believes this is a good idea. The contractor will need to submit a QC Plan including mix design for approval and also will be required to follow all sections of the general specification for Roller Compacted Concrete Shoulders. The unit price for roller compacted concrete still needs to be negotiated and agreed upon by MoDOT. I recommend approval provided acceptable results are obtained in the field.



Submitted By Resident Engineer

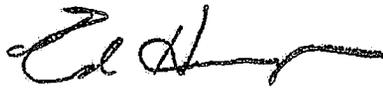
3-2-2011

Date

Comments:

Proposal is acceptable based on Resident Engineer's comments.

Approval
Recommended



Digitally signed by Ronald Morris
DN: cn=Ronald Morris, o=MoDOT, ou=3H35,
email=Ronald.Morris@modot.mo.gov, c=US
Date: 2011.03.10 14:01:39 -06'00'

Rejection
Recommended

District Engineer

Date

Comments:

N/A No Federal Oversight

Approval
Recommended

Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments: Approval is contingent on satisfactory results achieved in the field and written acknowledgement by the contractor that they are responsible for the consequences including unanticipated impacts or delays.

Approval



Digitally signed by Denis Glascock
DN: cn=Denis Glascock, c=US, o=MoDOT,
ou=3H35, email=Denis.Glascock@modot.mo.gov
Date: 2011.03.11 07:06:48 -06'00'

Rejection

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 use of roller compacted concrete in lieu of either of the two specified options, concrete or asphalt paving, for a temporary crossover.

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.
