

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 3-17-11
Contract ID 101022-805 Job No. J8I2167
County Laclede Original Bid Cost 11,080,359.15
Contractor Emery Sapp & Sons By Josh Doerhoff
Designed By MoDOT Phone 573-445-8331
VECP# 11-53 (to be completed by C.O.) VECF or PDVECF

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
The temporary striping set up on the above referenced project for head to head traffic on I-44 calls for temporary tape. KW Luetkemeyer has requested to use temporary paint in lieu of tape on this project due to the poor performance of tape. If MoDOT approves this change the same means and methods for temporary striping will be used on both Jobs J8I2167 and J9I2149. Both of these projects are going require temporary striping in early spring and we believe that temporary paint will hold up much more effectively in the cooler spring conditions.

2. Estimate of reduction in construction costs. \$13,432.80

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

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

3-17-11
(date)

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

3-31-11 Need to Order Striping Materials
(date) (effect)

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

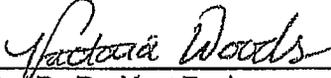
(date and/or dates)

Additional Comments:

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

Comments:

Recommend approval as 50/50 VE.

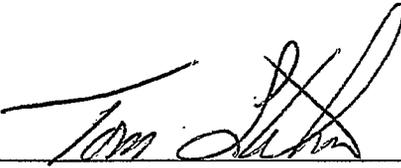

Submitted By Resident Engineer

8-22-11
Date

Comments:

Approval Recommended

Rejection Recommended


District Engineer

8/23/11
Date

Comments:

Approval Recommended

Rejection Recommended

Felix R. Gonzalez
Federal Highway Administration
Required for FHWA Full Oversight Projects

Digitally signed by Felix R. Gonzalez
DN: cn=Felix R. Gonzalez, o, ou,
email=felix.r.gonzalez@dot.gov, c=US
Date: 2011.09.15 11:44:38 -05'00'

Date

Comments:

Approval

Rejection


State Construction and Materials Engineer

Digitally signed by John P Donahue
DN: cn=John P Donahue, o=MoDOT,
ou=3H35,
email=john.donahue@modot.mo.gov, c=US
Date: 2011.08.25 12:40:36 -05'00'

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

Laclede Co I-44 J812167

Value Engineering to Change Temp Tape to Paint

Temp Tape to Temp Paint

| | | | | | | | | | | |
|----|---|---|---------|----|---|----|------|-----|----|------------|
| -1 | X | 6" Yellow Temp Marking Paint | 4959.0 | LF | X | \$ | 0.68 | /LF | \$ | (3,372.12) |
| -1 | X | 6" White Temp Marking Paint | 609.0 | LF | X | \$ | 0.68 | /LF | \$ | (414.12) |
| -1 | X | 4" Yellow Temp Marking Paint | 6960.0 | LF | X | \$ | 0.47 | /LF | \$ | (3,271.20) |
| -1 | X | Pavement Marking Removal | 12528.0 | LF | X | \$ | 0.47 | /LF | \$ | (5,888.16) |
| 1 | X | Misc Preformed Removable Tape 6 IN Yellow | 4959.0 | LF | X | \$ | 2.25 | /LF | \$ | 11,157.75 |
| 1 | X | Misc Preformed Removable Tape 6 IN White | 609.0 | LF | X | \$ | 2.25 | /LF | \$ | 1,370.25 |
| 1 | X | Performed Removable Mark Tape 4 IN Yellow | 6960.0 | LF | X | \$ | 1.00 | /LF | \$ | 6,960.00 |
| 1 | X | Pavement Marking Removal | 12528.0 | LF | X | \$ | 0.55 | /LF | \$ | 6,890.40 |

Total Savings = \$ 13,432.80

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)

The contractor proposes to substitute temporary paint for tape for traffic control delineation. Tape and paint are considered equivalent materials for this purpose.

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.
