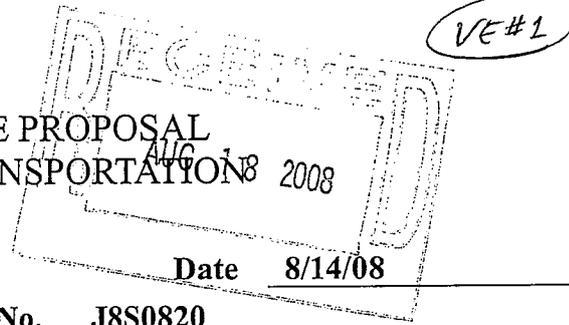


VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION



Contract ID 070629-801
County Webster Route 38
Contractor Hartman & Co., Inc.
Designed By Mathews & Associates, Inc.
VECP # VECP 08-91

Job No. J8S0820
Original Bid Cost \$3,431,263.83
By Larry Henderson
Phone 417-882-2062
VECP or VECP/PDU

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

The plans for the above referenced project show installing four signal heads at the existing signals at the intersection of I-44 Ramp 2 and Route 38. Since the existing signal heads are less than 4 years old and in good shape we propose to replace the lens in three of the heads so that they conform to the requirements of the plans in lieu of replacing the entire head. The advantage of using the existing head is it will save MoDOT money and it will save time, since it doesn't take as long to change out the lens as it would to change out the head, thus reducing the impact to the traveling public

2. Estimate of reduction in construction costs. \$1,046.75
3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

This proposed VECP should not effect any other department as the existing signal heads and the replacement lens meet current MoDOT Standards.

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

8/21/08
(date)

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

None (date) None (effect)

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

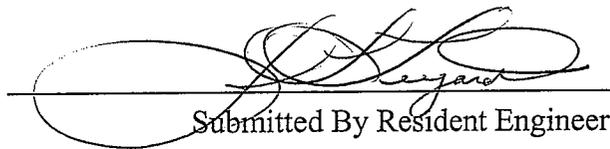
(date and/or dates)

Additional Comments:

The bid item effected by this proposed change is Line No. 1200 9020213 Signal Head Type 3. The bid quantity of four will be reduced to one.

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

Comments: *I recommend approval of this proposal. The original VE Conceptual review was done via verbal. Project is complete and this VE was executed in the field.*


Submitted By Resident Engineer

9/11/08
Date

Comments: *I concur with the Resident Engineer and recommend approval.*

- Approval Recommended
- Rejection Recommended


District Engineer

9/15/08
Date

Comments: *APPROVED PER DISTRICT RECOMMENDATION*

- Approval
- Rejection


State Construction and Materials Engineer

11-4-08
Date

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

**Route 38 Webster County
J8S0820
Signal Head VECP**

Description	Quantity	Unit	Unit Price	Extended Amount
Value of the Work as Bid				
1200 9020413 Signal Head Type 3c	3	ea	\$ 715.00	\$ 2,145.00

Description	Quantity	Hours	Hourly Rate	Extended Amount
Value of Proposed Work				
Labor				
Journeyman Lineman	1	4	\$ 47.54	\$ 190.16
Groundman	1	4	\$ 32.33	\$ 129.32
Equipment				
Bucket Truck	1	4	\$ 37.51	\$ 150.04
Materials		Unit	Unit Price	
Lens for Three Section Head	5	ea	\$ 88.00	\$ 440.00

Subtotal	\$	909.52
OH	\$	136.43
Profit	\$	52.30
Total	\$	1,098.25

Value of the Work as Bid	\$	2,145.00
Value of Proposed Work	\$	1,098.25
Savings to MoDOT	\$	1,046.75



MEMORANDUM

Missouri Department of Transportation

A handwritten signature in the top right corner of the page, appearing to be "Jim".

District 8
Springfield Construction

TO: Andy Mueller
Assistant District Engineer

CC:

FROM: Johnny Teegardin
Resident Engineer

A handwritten signature in blue ink, overlapping the "FROM:" field.

DATE: September 11, 2008

SUBJECT: VE Proposal # 1 – Change out LED lenses
Job No.: J8S0820
Route: 38 (Spur Drive)
County: Webster

Please find enclosed for your review, comments, and recommendation/rejection and forward to Construction Division this VE proposal to replace the lenses in the existing signals at I-44 and Rte 38 in lieu of replacing the entire head. The existing heads were less than 4 years old. The net savings for this VE is \$1046.75. This savings shall be split 50/50 between MoDOT and the contractor who submitted the original VE.

Copy: File

jt

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)

_____ Existing signal heads are less than four years old. Use them in place and replace only the lens. _____

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.

_____ Proposal is not large.