

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 080523-403 # 1 Date 07/14/08
County Lafayette Route P Job No. J4M0202
Contractor APAC-Missouri, Inc. Original Bid Cost \$982.35
Designed By MoDOT By Casey Castrop
VECP # VECP 08-63 Phone 573-449-0886
VECP or VECP/PDU

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

The plans show Modified Coldmilling on Rte. P. APAC is proposing to eliminate the coldmilling since the north end of the roadway turns to gravel and the south end adjoins new pavement on Rte. 24. The advantage to this proposal is reducing the heavy weight of the milling machine and trucks on a soft roadway.

2. Estimate of reduction in construction costs. \$982.35

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

None anticipated

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

(date)

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

August 1, 2008

(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: SEE ATTACHED

 7/21/08
Submitted By Resident Engineer Date
BRIAN ILES

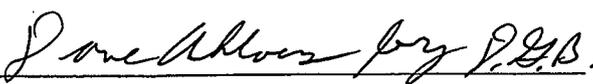
Comments:

Approval Recommended
 Rejection Recommended

  7/25/08
District Engineer Date

Comments: PROPOSAL APPROVED AS SUBMITTED,

Approval
 Rejection

 8-4-08
State Construction and Materials Engineer 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



MEMORANDUM

Missouri Department of Transportation

Construction
Richmond Project Office

TO: Perry Allen-4co

CC: File

FROM: Brian K. Iles *BKI*
Resident Engineer

DATE: July 21, 2008

SUBJECT: VE Concept Proposals
Job No. J4P2020 and J4M0202
Contract ID 080523-403



Route 24 and Route P, Lafayette County

Attached are five Construction Value Engineering Concept Proposals for the above referenced projects submitted by APAC-MO. The following are my recommendations for each VECP. Feel Free to contact me with any questions or comments.

VECP No. 1 – J4M0202 (Rte. P)

The contractor proposes eliminating the modified cold milling on the north and south end of this project. The north end of Rte. P ends at railroad tracks. There is a gravel entrance for the railroad to access the tracks. The contract includes crushed stone for this entrance. The south end of Rte. P ends at Rte. 24. The Project Manager, Paul Boenishch, indicated that this project was designed to be let alone and that is why the modified milling was included in the contract at the Rte. 24 intersection. Since the project was let combination with the Rte. 24 overlay, the modified milling is unnecessary. APAC intends to install the Rte. 24 overlay prior to overlaying Rte. P. There will be a 1.75-inch elevation difference between Rte. 24 and Rte. P for approximately two weeks. MoDOT will require the contractor to install a wedge until the Rte. P overlay is connected to Rte. 24.

I recommend approval of this Construction Value Engineering Concept Proposal No. 1.

*AGREED
POW*

VECP No. 2 – J4M0202 (Rte. P)

The contractor proposes installing 1.75-inches of BP-1 in lieu of the contract specified 0.5-inch of BP-3 and 1.25-inch of BP-2. Rte. P has significant rutting caused by trucks used to repair the railroad bed after the flooding that occurred the spring of 2007. This contract does not include quantity for irregularities. The BP-3 will overrun significantly to backfill the rutting. If used, the BP-1 would significantly overrun as well, which would negate any savings. This roadway needs a surface leveling before installation of a surface lift. In addition, the BP-3 is a better mix for backfilling the severe irregularities. Therefore, I recommend this proposal be denied.

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)

___ Eliminate modified cold milling.

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.

___ Scan entire document.
