

CONSTRUCTION VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Date 7/20/2011

Contract ID 110422-801

Job No. J8P0798/J8S2370

County Taney Route 65/248

Original Bid Cost \$4,905,952.00

Contractor APAC-Missouri, Inc.

By David Wilkins

Designed By APAC-Missouri, Inc.

Phone 417-868-6700

**VECP 11-47**

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

Proposed Change to Temporary Staging.

The original traffic control plans show placing barrier wall at ramps 2 along Rt. 248 and Rt. 65. Given appropriate field conditions APAC-Missouri, Inc. can eliminate approximately 2300 lf of relocated traffic barrier ( See attached plan sheets with highlighted areas of elimination. In lieu of the relocated temporary barrier wall, APAC-Missouri, Inc. is purposing to use edge treatment. Other areas throughout the project could fall under this value engineering proposal and APAC-Missouri, Inc. reserves the right to add other areas given appropriate field conditions. The advantages of the change are to provide MODOT with a more cost effective alternative by eliminating unnecessary barrier wall by using pavement edge treatment. By accepting this proposal there would be a savings of \$21,200 of the Missouri Tax payers' money. Savings will be split 50%/50% (MODOT/APAC) in accordance with the Value Engineering Specifications. By acceptance of this proposal, MoDOT relieves APAC of its DBE liability for the items under-run in this proposal. MoDOT must amend and approve the current traffic control plans as described per this proposal. No engineering fees were included in the above proposal. We are requesting that if any engineering is required, MoDOT perform the engineering at no cost to APAC-Missouri, Inc or this proposal.

The estimated net savings is \$21,200 See attached sheet showing detailed breakdowns of contract items.

2. Estimate of reduction in construction costs.

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

APAC-Missouri, Inc. foresees no additional costs for MODOT. The changes effect temporary and stage construction.

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

Detailed breakdowns are attached  
(date)

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

July 22, 2011  
(date)

No change to completion date or schedule.  
(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: The proposal as submitted appears to be acceptable. Some modifications in proposed locations and quantities may be required during implementation. Final value of the proposal should be based on final quantities as implemented. District Design and Consultant Design Engineer have reviewed the proposals and had no negative comments. Actual savings as computed by MoDOT is \$17,981.00. See attached sheet.

*[Signature]*  
Submitted By Resident Engineer

7/21/11  
Date

Comments:

- Approval Recommended
- Rejection Recommended

*[Signature]*  
District Engineer

7-25-11  
Date

Comments:

APPROVED PER DISTRICT RECOMMENDATION

- Approval  
 Rejection

David D. Cooney, Jr.

State Construction and Materials Engineer

7-28-11

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

Contract ID: 110422-801

Fed St/Pr Prj Nbr: FAF-65-1 (54), FAF-248-1 (1)

Status: Active

Primary PCN: J8P0798

District: 08

OrgCode: 8CD

Progress Sched:

Variance Pct: .00

Desc: J8P0798,J8S2370 - ROUTE 65 & 248 - TANEY COUNTY

**Funding**

Federal

State/Province

Both

Time Charges: Completion Date

Bid Days: 221

Bid Amt: \$4,965,952.00

Contract Type: Construction Project Above \$500,000

Fed Oversight

Work Type: NEW CONSTRUCTION

Local Oversight

Spec Yr: 1996

Unit System: English

Suppl Spec Bk Yr:

Proposal Fund Type:

Alt ID:

# 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)

\_\_\_\_\_ Modify construction staging to reduce need for temporary traffic barrier.

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## 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.

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