

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

**Conceptual Proposal**       **Final Proposal**      **Date** 4-22-13

**Contract ID** 130125-G01      **Job No.** J7P0797T

**County** Barton      **Route** 71      **Original Contract Amount** 1,616,343.86

**Contractor** KAT Excavation, Inc.      **By** Brandon Reed

**Designed By** Sean Lee Matlock/State of Missouri      **Phone** 816-690-4611

**VECP#** 13-20 (to be completed by C.O.)      **VECP**       **or**      **PDVECP**

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

Obtaining borrow off of MoDOT right-away at the north end of the project between N.B. I-49 and S.E. 1<sup>st</sup> Lane to S.E. 20<sup>th</sup> Road.

Advantage: Reduce embankment-in-place(\$4.85) x 28,329 cy to unclassified excavation(\$1.75) x 33,003 cy, compacting-embankment(\$0.45) x 28,329 cy, seeding(\$1,800.00) x 5.5 ac, type II ditch check(\$178.00) x 8 for a total savings of \$55,568.35.

When completed, all slopes shall be acceptable by MoDOT. MoDOT has the right to perform soil evaluations prior to approval. This would also decrease construction traffic on the outer roads.

**2. Estimate of reduction in construction costs.**      \$55,568.35

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

None

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

4-22-13

(date)

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

6-3-13

(date)

Schedule

(effect)

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

None

(date and/or dates)

**Additional Comments:**

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

**Comments:**

I am in support of this proposal as a conceptual value engineering proposal with reviews required for soil analysis of proposed material and acceptable finished cross section review.

\_\_\_\_\_ 4-26-2013  
Submitted By Resident Engineer Date

**Comments:**

I concur.

**Approval Recommended** \_\_\_\_\_  
 **Rejection Recommended** District Engineer Date

**Comments:**

**Approval Recommended** \_\_\_\_\_  
 **Rejection Recommended** Federal Highway Administration Date  
**Required for FHWA Full Oversight Projects**

**Comments:**

**Approval** \_\_\_\_\_  
 **Rejection** State Construction and Materials Engineer Date