

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 5/15/2009
Contract ID 080620-403 Job No. J4P1707
County Cass Original Bid Cost 13,547,626.12
Contractor Ideker, Inc By Dan Tarr
Designed By Tenax, Inc Phone 816 364-3970
VECP# 09-37 (to be completed by C.O.) VECF or PDVECF

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

As designed the subgrade is to be modified using fly ash and a geo grid material is to be placed over the treated subgrade followed by 4 inches of Type 5 aggregate. Due to the subgrade soil consisting of a rocky clay material, manipulation and treatment of the subgrade with fly ash is impractical and unnecessary. As approved by the geo grid manufacturer, Tenax, we propose to eliminate the fly ash treated subgrade and install a heavier geo grid material followed by 4 inches of Type 5 aggregate. Elimination of the fly ash treated subgrade and installing a heavier geo grid will speed construction, reduce costs, and provide a finished product equal to or better than the original design..

2. Estimate of reduction in construction costs. \$174,109.19

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.

5/20/09
(date)

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

5/22/09 _____
(date) (effect)

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

NONE
(date and/or dates)

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)

_____ Use heavier geo-grid to eliminate subgrade modification.

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 proposal only.