



Professional Services Procurement Bulletin 2009-04 Statewide Value Engineering

COUNTY	<i>Statewide</i>
DISTRICT	<i>Statewide</i>
PROJECT DESCRIPTION	<i>Two (2) firms will be selected to assist with Value Engineering within the Kentucky Transportation Cabinet (KYTC).</i>
PROJECT MANAGER	<i>Siamak Shafaghi, PE</i>
USER DIVISION	<i>Highway Design</i>
APPROXIMATE FEE	<i>Work will be assigned via letter agreement, not to exceed \$50,000 per letter agreement. This contract will have an upset limit of \$250,000.</i>
PROJECT FUNDING	<i>State and Federal</i>
PURPOSE AND NEED	<i>To conduct value engineering and related life-cycle cost analysis for state and federal highway projects with total phase costs of \$20,000,000 or more. The projects may or may not be on the National Highway System.</i>
METHOD OF DESIGN	<i>The Value Engineering team shall utilize the CADD Standards for Highway Plans (version 2.0) policy in the development of the Highway Plans. (English Units)</i>
DBE REQUIREMENT	<i>None</i>

SCOPE OF WORK

The VE Consultant will be in a position to provide any of the following services:

- 1. Provide the team leader only: The Consultant will provide a team leader while the KYTC will provide the study team members. The PE/CVS will be the team leader. The team leader will conduct the study, compile the information for the report, prepare the report, and prepare/conduct a presentation for management if necessary. Team leaders may be a CVS, in lieu of a PE/CVS, only if they have sufficient expertise in transportation related topics and a background in conducting VE studies for highways and bridges. The KYTC has the right to reject, accept, or request the team leader on a project by project basis.*
- 2. Provide a partial team: The Consultant will provide a mix of study team members to complement/supplement the team members provided by the KYTC. This may or may not include providing the team leader. Team staff provided by the Consultant will be forwarded to the KYTC for review and approval prior to conducting the VE study. The KYTC will specify certain disciplines to be provided and minimum experience requirements. The team members will have some value engineering training.*
- 3. Provide the entire team: The Consultant will provide the entire study team. The study team should have significant highway experience and some value engineering training. Team staff provided by the Consultant will be forwarded to the KYTC for review and approval prior to conducting the VE study. The KYTC will specify certain disciplines to be provided and minimum experience requirements. The team members will have some value engineering training.*
- 4. Provide training: The Consultant will provide basic value engineering workshops, team leader training, or management briefings. Training will be in accordance with these guidelines. Training courses provided by the Consultant will be certified by SAVE.*
- 5. Provide other services: The Consultant may provide other services to compliment the VE services. These may include:*
 - Information gathering for team studies*
 - Providing facilities for team study activities*
 - Preparation of VE study report*
 - Formal presentation of VE findings*
 - Development of implementation plans*

SPECIAL INSTRUCTIONS

Value Engineering Consultants will have at least one (1) person on staff that is a licensed Professional Engineer (PE) as well as a Certified Value Specialist (CVS) by the Society of American Value Engineers (SAVE). The PE/CVS should have extensive experience in the design and/or construction of highways and bridges and maintenance of traffic and project scheduling. The Consultant should demonstrate their experience conducting VE studies for transportation facilities, particularly highways and bridges. The Value Engineering team should be able to provide all the services listed in the scope of work.

The Transportation Cabinet is in the process of developing guidelines, policies, and procedures governing Constructability Reviews on projects at various stages of the preconstruction process. Since Constructability Reviews have much in common with VE studies, VE Consultants could play a role in these types of reviews by serving as a team leader, facilitator, or in some cases providing team members to aid in the review process.

Copies of the KYTC Value Engineering Review Guidelines, Draft, March 20, 1996, and copies of the Draft Constructability Review Procedures are available at:

[http://transportation.ky.gov/progperform/Bull 2009-04/value engineering guidelines \(2\).pdf](http://transportation.ky.gov/progperform/Bull 2009-04/value engineering guidelines (2).pdf)

[http://transportation.ky.gov/progperform/Bull 2009-04/constructibility guidelines \(2\).pdf](http://transportation.ky.gov/progperform/Bull 2009-04/constructibility guidelines (2).pdf)

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/progperform/>

[instructions_for_response_to_kentucky_transportation_cabinet_10-10-08.pdf](http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_10-10-08.pdf)

In responding in this open format, Page 7, Project Approach, a maximum of ten (10) pages (A-J) is acceptable."

Two (2) firms will be selected to provide these services. The contract period is each firm receiving a two (2) year contract. Work will be assigned via letter agreement, not to exceed \$50,000 per letter agreement. Contracts will have an upset limit of \$250,000. Once the upset limit is reached or the two year term has expired, services will be re-advertised and no additional work assignments will be made under the contract. Contracts will not be modified to increase upset limit or extended for time to assign new work.

The Selection committee will randomly draw from the pool and list in consecutive order to determine the initial order for which a project will be offered. Projects will be offered to firms on a rotating basis. A firm will not be offered an additional project until the remaining firm on the list has been offered a project. If a firm declines to accept a project, that firm will not be eligible to accept another project until the remaining firm on the list has been offered a project. If a firm declines a project; does not respond to an invitation to perform services for a project within fourteen days; or the Department and Consultant can not agree on a reasonable scope of work and fee for services, documentation shall be placed in the project files and the next firm on the rotating list shall be offered the project.

PROJECT SCHEDULE & MILESTONES (cont'd)

<i>RESPONSE DATE</i>	<i>April 22, 2009, 4:30 p.m. (Frankfort time)</i>
<i>SELECTION COMMITTEE MEETING</i>	<i>May 6, 2009</i>
<i>CONTRACT SCOPING CONFERENCE</i>	<i>May 20, 2009</i>
<i>NOTICE TO PROCEED</i>	<i>July 1, 2009</i>
<i>COMPLETION OF SERVICES</i>	<i>June 30, 2011</i>

Individual project schedules will be by letter agreement on a project by project basis. The selected consultant is expected to meet the scheduled milestone dates.

EVALUATION FACTORS

- 1. Relative experience of Consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local, or other state governmental agencies. (10 points)*
- 2. Capacity to comply with project schedule. (10 points)*
- 3. Past record of performance on projects of similar type and complexity. (10 points)*
- 4. Project approach and proposed procedures to accomplish the services for the project. (10 points)*
- 5. Consultant's Kentucky office where work is to be performed. (2 points)*

75% - 100% of work accomplished in Kentucky offices - 2 points

26% - 74% of work accomplished in Kentucky offices - 1 point

0% - 25% of work accomplished in Kentucky offices - 0 points

SELECTION COMMITTEE MEMBERS

- 1. Siamak Shafaghi, PE, User Division*
- 2. Jeff Jasper, PE, User Division*
- 3. Mike McGregor, Secretary's Pool*
- 4. David Quarles, Secretary's Pool*
- 5. David Atwell, Governor's Pool*