

# Professional Services Procurement Bulletin 2007-08 Statewide Value Engineering

<b>COUNTY</b>	<i>Statewide</i>
<b>ROUTE</b>	<i>N/A</i>
<b>DISTRICT</b>	<i>Statewide</i>
<b>ITEM NO</b>	<i>Varies</i>
<b>PROJECT DESCRIPTION</b>	<i>Two (2) firms will be selected to assist with Value Engineering within the Kentucky Transportation Cabinet (KYTC).</i>
<b>PROJECT MANAGER</b>	<i>Robert T. Semones, P.E., P.L.S., P.G.</i>
<b>USER DIVISION</b>	<i>Program Performance</i>
<b>APPROXIMATE FEE</b>	<i>\$250,000.00</i>
<b>PROJECT FUNDING</b>	<i>State and Federal</i>
<b>PURPOSE AND NEED</b>	<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>
<b>METHOD OF DESIGN</b>	<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>
<b>DBE REQUIREMENT</b>	<i>None</i>

## **SCOPE**

*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 conduction 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 conduction 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 complement 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**

*The Department reserves the option to modify the selected consultant's agreement to include any necessary engineering and/or related services for this project. The firms will at that time be pre-qualified by the Department in the required areas.*

*Value Engineering consultants will have at least one 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 will be available at the Division of Program Performance offices upon request.*

*Firms responding to this advertisement must do so in KYTC forms. The official Forms TC 40-15 and TC 40-15 (SUB) are available for the Division of Program Performance Forms Page. If responses are received on the response date that are not on these forms, they will be returned and not be considered for selection.*

*In responding on Form TC 40-15, Section E, Project Approach, a minimum of two (2) pages up to a maximum of fifteen (15) pages is acceptable.*

*PROJECT SCHEDULE & MILESTONES*

<i>RESPONSE DATE</i>	<i>March 7, 2007 4:30 p.m. (Frankfort Time)</i>
<i>SELECTION COMMITTEE DATE MEETING</i>	<i>March 21, 2007</i>
<i>CONTRACT SCOPING CONFERENCE</i>	<i>April 18, 2007</i>
<i>NOTICE TO PROCEED</i>	<i>June 1, 2007</i>
<i>COMPLETION OF ALL SERVICES</i>	<i>July, 2009</i>

*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. Robert Semones, P.E., User Division***
- 2. Mary Wade, P.E., User Division***
- 3. Charles Allen, Secretary's Pool***
- 4. Danl Hall, Secretary's Pool***
- 5. Ed Dyer, Governor's Pool***