

COUNTIES	Simpson - Warren	
ROUTE	I-65	
ITEM NUMBER	3-10.00	
DISTRICT	3 (Bowling Green)	
PROJECT DESCRIPTION	Preliminary Engineering for the widening and reconstruction of I-65 from the Tennessee state line to Sims Road (MP 19.14)	
USER DIVISION	Highway Design	
APPROXIMATE FEE	<\$2,000,000 including no more than 15% operating margin	
PROJECT MANAGERS	Andre Johannes, P.E.; Kenneth Cox. P.E.	
PURPOSE AND NEED	Rehabilitation of the pavement and widening on I-65 to six lanes to increase capacity.	
PROCUREMENT SCHEDULE	RESPONSE DATE	Thursday, June 8, 2000, 4:30 p.m. (Frankfort time)
	FIRST SELECTION COMMITTEE DATE	June 13, 2000
	SECOND COMMITTEE DATE	June 20, 2000
	PRE-DESIGN CONFERENCE	June 28, 2000
	TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	July 5, 2000
	CONTRACT NEGOTIATIONS	July 13, 2000
	NOTICE TO PROCEED	September 15, 2000
PROJECT SCHEDULE MILESTONES	AERIAL PHOTOGRAPHY AND MANUSCRIPTS	March 1, 2001
	PRELIMINARY LINE & GRADE	September 1, 2001
	RIGHT OF WAY PLANS	March 1, 2002

FINAL PLANS

September 1, 2002

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 KTC 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 project 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. Andre Johannes, P.E. User Division
2. Jim Hudson, P.E. User Division
3. Phil Lambert, P.E. Secretary's Pool
4. Lonnie Yates, P.E. Secretary's Pool
5. Peggy Fortney, P.E. Governor's Pool

DBE REQUIREMENT

5% participation

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 firm(s) will at that time be prequalified by the Department in the required area(s).

The Response to Announcement shall include a two page project approach describing the consultant's project approach to project's concepts for widening the identified section of interstate to six lanes.

Respondents also are advised that the concepts of "phased" design and construction have been discussed with the FHWA. The phased approach generally involves the following:

- Phase I: Development of bridge widening plans (Full Six Lane Section)
- Phase II: Development of roadway widening plans (widening to the inside, flattening slopes and extending pipe to eliminate guardrail, etc., within the limits of existing right of way). This Phase will not involve right of way acquisition or utility relocation.
- Phase III: Development of plans for the "ultimate" full safety typical section. This Phase will include development of plans for interchange reconstruction, truck climbing lanes, re-benching cuts, etc., and would involve all other aspects of the project involving right of way acquisition or utility relocation.

It is anticipated that plans will be delivered for the ultimate "full safety" typical section for this project. Modifications of plans to reflect delivery of plans for Phase I or Phase II as discussed above will be addressed as the project develops.

The selected consultant will be required to provide engineering services for the completion of roadway design, including the preparation of any design studies, right of way plans for utilities and construction plans as required.

Geotechnical services and right of way services as required will be the responsibility of the selected consultant or consultant teams. This work will be added by contract modification and be provided by firms prequalified by the Department at that time.

All projects design shall be in accordance with Department of Highways and AASHTO standards. The consultant will evaluate existing conditions and determine the scope of work required to bring the roadway and interchanges up to current standards when prudent and practical. It is anticipated that major widening of Interstate routes will be developed to

SCOPE

the largest extent possible under the concept of "widening to the inside" with the intent to minimize or eliminate the need for construction outside the limits of existing right-of-way. The concept for design in accordance with the Department's "Policy for Rehabilitation and/or Restoration for Interstate and National Highway System Routes" also may be incorporated into some aspects of these projects depending upon specific conditions.

The consultant will be required to develop studies in sufficient detail to allow for evaluations (economic and engineering analyses) of variations in courses of action for each project. The consultant will make recommendations regarding the most desirable course of action for addressing the scope of work for the project. The consultant also will be required to attend and document project review meetings, research past records, and prepare documentation to enable the Department to comply with applicable federal requirements.

Projects may require request for "design exceptions." The need for design exceptions will be discussed on a project specific basis. The consultant must document all design exceptions and the basis for all exceptions.

All projects should involve upgrading guardrail, guardrail end treatments, and related safety hardware to current standards.

Whenever possible, plans shall be developed to minimize the use of guardrail.

Major widening of interstate routes will require development of structural design details for widening existing bridges. Specifics regarding the development of structural designs and geotechnical designs will be determined on a project specific basis.

The Department will provide the consultant with a pavement design concept. The consultant will be required to evaluate the general pavement design concept and make recommendations regarding the final pavement design and conditions specific to this project.

Projects will be done as "English" projects.

AVAILABLE KTC STUDIES	None
PROJECT LENGTH	19.14 miles

METHOD OF DESIGN	<input checked="" type="checkbox"/> English Units <input checked="" type="checkbox"/> CADD Capability (with DGN Design File Format) <input checked="" type="checkbox"/> CADD Based Automated Highway Design System <input checked="" type="checkbox"/> Digital Terrain Modeling
ENVIRONMENTAL	The Department will be responsible for environmental services.
PHOTOGRAMMETRIC SERVICES	The Department will be responsible for aerial photography and will furnish manuscripts on computer disks in DGN format. Mapping for the listed project is scheduled to be available before March 1, 2001.
STRUCTURE DESIGN	The selected consultant shall do the necessary engineering services and submit to the Kentucky Transportation Cabinet an Advanced Situation Folder(s) for all the structures. Upon approval of the Advanced Situation Folder(s) by the Kentucky Transportation Cabinet a contract modification should be processed with the selected consultant or consultant team for the structure design. Pre-qualification in the area of structure design is required to be identified in the consultant's Response to Announcement.
GEOTECHNICAL SERVICES	Geotechnical services will be the responsibility of the consultant. A sub-consultant for geotechnical services will not be required to be identified in the consultant's Response to Announcement.
PROJECT FUNDING	Federal funds
TRAFFIC	Traffic projections and related information will be provided by the Department.
UTILITY DESIGN	The selected consultant may be requested to provide utility services for this project, which may include construction inspection. Prequalification in this area is not required to be identified in the consultant's Response to Announcement. However, prequalification will be required in this area should the consultant be requested to perform this activity.
PREQUALIFICATION REQUIREMENTS	The project team shall be prequalified in all areas as follows:

ROADWAY DESIGN

- Rural Roadway Design > \$250,000
- Surveying

STRUCTURE DESIGN

- Spans under 500'
- Culvert Design

GEOTECHNICAL SERVICES

- Laboratory Testing Services
- Drilling
- Engineering

LOCATION MAP:

wpe1.jpg (911132 bytes)

