

COUNTY	Clark	
ROUTE	I-64	
ITEM NUMBER	7-32.00	
DISTRICT	7 (Lexington)	
PROJECT DESCRIPTION	Engineering services for the widening and reconstruction of I-64 from near Fayette County line to KY 1958 (Van Meter Road)	
PROJECT MANAGER	Andre Johannes, P.E.; James Ballinger, P.E.	
USER DIVISION	Highway Design	
APPROXIMATE FEE	<\$500,000, including no more than 15% operating margin	
PURPOSE AND NEED	Increase capacity.	
PROCUREMENT SCHEDULE	Response Date	Thursday, January 24, 2002, 4:30 p.m. (Frankfort time)
	Selection Committee Date	February 12, 2002, 1:15 p.m.
	Pre-Design Conference	February 27, 2002
	Tentative Deadline for Consultant Fee Proposal	March 18, 2002
	Contract Negotiations	April 2, 2002
	Notice to Proceed	May 15, 2002
	PROJECT SCHEDULE & PROJECT SCHEDULE MILESTONES	Aerial Photography and Manuscripts
Preliminary Line & Grade		December 1, 2002

	Right of Way Plans	April 1, 2003
	Final Plans	December 1, 2003
The selected consultant is expected to meet the scheduled milestone dates.		
EVALUATION FACTORS	<ol style="list-style-type: none"> 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 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 offices where work is to be performed. (2 points) <p>75% - 100% of work accomplished in Kentucky offices – 2 points</p> <p>26% - 74% of work accomplished in Kentucky offices – 1 point</p> <p>0% - 25% of work accomplished in Kentucky office - 0 points</p>	
SELECTION COMMITTEE MEMBERS	<ol style="list-style-type: none"> 1. Andre Johannes, P.E., User Division 2. James Ballinger, P.E., User Division 3. Jim Rummage, P.E., Secretary's Pool 4. Jeff Jasper, P.E., Secretary's Pool 5. Bill Gatewood, P.E., Governor's Pool 	
DBE REQUIREMENT	12% 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. At that time, the firm(s) will be pre-qualified 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 may be used for purposes of maximizing the Cabinet's opportunities to use available funding. The phased may involve the following:

Phase I: Development of bridge widening plans (Full Six Lane Section). Please note that bridges over the interstate will be developed to accommodate a full clear zone and a 6-lane typical section but also should accommodate an 8-lane typical section but with a restricted clear zone.

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 unless determined to be appropriate for project at the line and grade phase (30% plans) of plan development.

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. The extent of Phase III plan development will be finalized at the line and grade (30% plans) phase of plan development.

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 other phases as discussed above will be addressed as the project develops.

SCOPE

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

The 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 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 this project 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.

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.

This project may require "design exceptions". The consultant must document all design exceptions and the basis for all exceptions.

Guardrails, guardrail end treatments, and related safety hardware shall be upgraded 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 during Pre-Design conference.

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 KYTC
STUDIES

None

PROJECT LENGTH

4.8 miles

METHOD OF DESIGN

- CADD Capability (with DGN Intergraph Design File Format)
- CADD Based Automated Highway Design System
- Digital Terrain Modeling

ENVIRONMENTAL

By the Department

PHOTOGRAMMETRIC SERVICES	The Department will be responsible for aerial photography and will furnish manuscripts on computer disks in DGN format. Mapping for this project is available.
STRUCTURE DESIGN	The selected consultant shall do the necessary engineering services to submit to the Kentucky Transportation Cabinet an Advance Situation folder (s) for the appropriate applicable structures. Upon approval of the Advanced Situation Folder(s) by the Kentucky Transportation Cabinet, a contract modification may be processed with the selected consultant or consultant team for the structure design. Prequalification 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.
TRAFFIC	Traffic projections and related information will be provided by the Department.
UTILITY DESIGN	The selected consultant may be requested to provide utility related 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.
PROJECT FUNDING	Federal funds
PREQUALIFICATION REQUIREMENTS	
	<p><u>ROADWAY DESIGN</u></p> <ul style="list-style-type: none"> ● Rural Roadway Design >\$250,000 ● Surveying

STRUCTURE DESIGN

- Spans under 500 feet
- Culvert Design

LOCATION MAP

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