

<% @LANGUAGE="VBSCRIPT" CODEPAGE="1252"% >

COUNTY	Statewide	
ROUTE	N/A	
DISTRICT	Statewide	
ITEM NUMBER	N/A	
PROJECT DESCRIPTION	Structural Design of Culverts and Bridges under 500 ft. span.	
PROJECT MANAGER	Allan Frank, P.E.	
USER DIVISION	Division of Bridge Design	
APPROXIMATE FEE	100,000.00 per consultant	
PURPOSE AND NEED	Structure Design	
PROJECT SCHEDULE & PROJECT SCHEDULE MILESTONES	RESPONSE DATE	May 6, 2004 4:30 P.M. Frankfort Time
	SELECTION COMMITTEE DATE	May 20, 2004
	TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	June 3, 2004
	CONTRACT NEGOTIATIONS	June 17, 2004
	NOTICE TO PROCEED	July 1, 2004
	COMPLETION OF SERVICES	June 30, 2006

The selected consultants are expected to meet the scheduled milestone dates.

EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC. agencies. (12 points)
2. Capacity to comply with project schedule. (3 points)
3. Past record of performance on projects of similar type and complexity, including three prestressed concrete, one welded steel and one culvert extension. (15 points)
4. Consultant's Kentucky offices 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 office - 0 points

	SELECTION COMMITTEE MEMBERS	<ol style="list-style-type: none"> 1. Allan Frank, P.E., User Division 2. Mark Hite, P.E., User Division 3. Jeff Jasper, Secretary's Pool 4. Sam Beverage, Secretary's Pool 5. Charlie Powers, Governor's Pool
DBE REQUIREMENT	None	
SPECIAL INSTRUCTIONS	<p>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).</p> <p>Seven (7) firms will be selected with each firm receiving a two-year statewide contract.</p>	
SCOPE	<p>Seven statewide consultant contracts will be negotiated to perform structural design for projects on all county, state, and federally maintained highways as needed by the Cabinet. The structures to be designed may be "standard" bridges or components which are defined as follows:</p> <ol style="list-style-type: none"> 1. One or two barrel culverts 2. Non-curved bridge decks, prestressed concrete bridges up to 3 spans (max. 140' span) 3. Integral End Bents or Wingwall Abutments 4. Column or Wall piers (up to 3 columns with max. height 80') 5. Standard composite and non-composite box beams 6. Spread I Beam or Spread Box Beam with Slabs 7. Maximum roadway width 60' 	

The person-hours allowed for each "standard" bridge or component are as shown below:

Substructures:

Breastwall Abutments 90 hours

Single Row Pile Bents 30 hours

Integral End Bents 40 hours

Single or Wall Piers 80 hours

Two Column Piers 95 hours

Three Column Piers 110 hours

Intermediate Pile Bent 60 hours

Superstructure: (One, two or three spans)

Non-Composite Std PPCDU (Standard Drawings) 0 hours

Composite PPCDU (Slab Details per Span) 25 hours

Beam Details (Spread Boxes per span) 48 hours

Beam Details (Spread 1-beam per span) 32 hours

Slab Details Single Span 40 hours

Slab Details Multiple two or three Spans 80 hours

Construction Elevations 32 hours

Miscellaneous:

Title Sheet 16 hours

General Note Sheet 8 hours

Layout Sheet 32 hours

Foundation Layput-Pile Layout Sheet 15 hours

Approach Slab (each) 4 hours

Check Shop Plans (12 hours)

Culverts and Culvert Extensions:

One Barrell 160 hours

Two Barrel 200 hours

Note: The above hours are based on a structure having a Zero (0) degree skew. (Add 10% to the total hours for a skewed structure.)

Design by AASHTO LRFD Specifications may be requested on selected projects. When these specifications are requested additional hours will be added to the total hours for the structure.

The required consulting services will include all final structurel design engineering and plan preparation necessary for letting a project to construction.

Person-hours for non-standard structures will be negotiated on a case by case basis.

All submittals shall be in the form of a CADD deliverable. The CADD deliverable shall be in Microstation V8, dgn format, using Division of Bridge Design File Format, Seed Files, Cell Files and Resource File. It will also require the lplot organizer for plotting the final mylars. Eight person-hours will be allocated for this task.

PROJECT FUNDING

Variable

METHOD OF DESIGN

AASHTO and Division of Bridge Design Practice

STRUCTURE DESIGN	Consultant
PREQUALIFICATION REQUIREMENTS	STRUCTURE DESIGN <ul style="list-style-type: none">• Spans Under 500 feet• Culvert Design