PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2009-03 CAMPBELL COUNTY COMBS-HEHL BRIDGE

COUNTY	Campbell
PROJECT DESCRIPTION	Perform a structural analysis of the Combs Hehl Truss Bridge. Design the replacement of ten A514 steel plates that have field tested out of specification.
PROJECT MANAGER	Josh Rogers, P.E.
USER DIVISION	Division of Maintenance
APPROXIMATE FEE	Structure analysis and repair plans - $250,000 Lump Sum
PURPOSE AND NEED	Determine the structural capacity of each truss member and to improve the safety of the bridge by replacing ten steel plates that are of suspect capacity.
PROJECT LENGTH	The Combs-Hehl Bridge is a twin span single pier cantilever bridge carrying Interstate 275 across the Ohio River. It connects Cincinnati, Ohio and Campbell County, Kentucky. The main span is 219 meters (720 feet) and the total length of each bridge is 460 meters (1,509 feet). The bridge is named for former governor of Kentucky Bert T. Combs and former Campbell County Judge Executive Lambert Hehl.
METHOD OF DESIGN	The Load Factor Design Method will be used for designing the steel plates. The structural analysis will be a 3-D Finite Element Analysis of all truss members, plates, and connections.
DBE REQUIREMENT	None
PROJECT FUNDING	Federal Funds

SCOPE OF WORK

The selected consultant will provide engineering services to complete the design to replace ten 'out of specification' steel plates and to complete a structural analysis of all four trusses. The structural analysis will include the 'new' steel plates.

SPECIAL INSTRUCTIONS

Interim inspection is scheduled to be completed by April 2009. Additional structural design services for this bridge may be added to the contract by modification if additional plates need to be replaced or other structural repairs are needed.

AVAILABLE STUDIES	The design plans (18928.pdf) and the shop plans (Campbell 18928 shop) are available in a pdf file at: http://transportation.ky.gov/progperform/Bull 2009-03/18928.pdf
STRUCTURE DESIGN	The selected consultant will provide engineering services to complete the design to replace ten 'out of specification' steel plates and to complete a structural analysis of the truss. The structural analysis will include the 'new' steel plates.

PREQUALIFICATION REQUIREMENTS

To respond to this project, the project team **must be** prequalified in the following areas by the date of this advertisement.

STRUCTURE DESIGN	• Spans over 500 feet

PROJECT SCHEDULE & MILESTONES The selected consultant is expected to meet the scheduled milestone dates.	
RESPONSE DATE	March 4, 2009
SELECTION COMMITTEE MEETING	March 18, 2009
CONTRACT SCOPING CONFERENCE	April 1, 2009
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	April 15, 2009
CONTRACT NEGOTIATIONS	April 29, 2009
NOTICE TO PROCEED	May 20, 2009
DRAFT DESIGN OF STEEL PLATE REPLACEMENTS	June 30, 2009
FINAL DESIGN OF STEEL PLATE REPLACEMENTS	July 28, 2009
DRAFT OF STRUCTURAL ANALYSIS	August 25, 2009
FINAL STRUCTURAL ANALYSIS	September 29, 2009

The selected consultant is expected to meet the scheduled milestone dates.

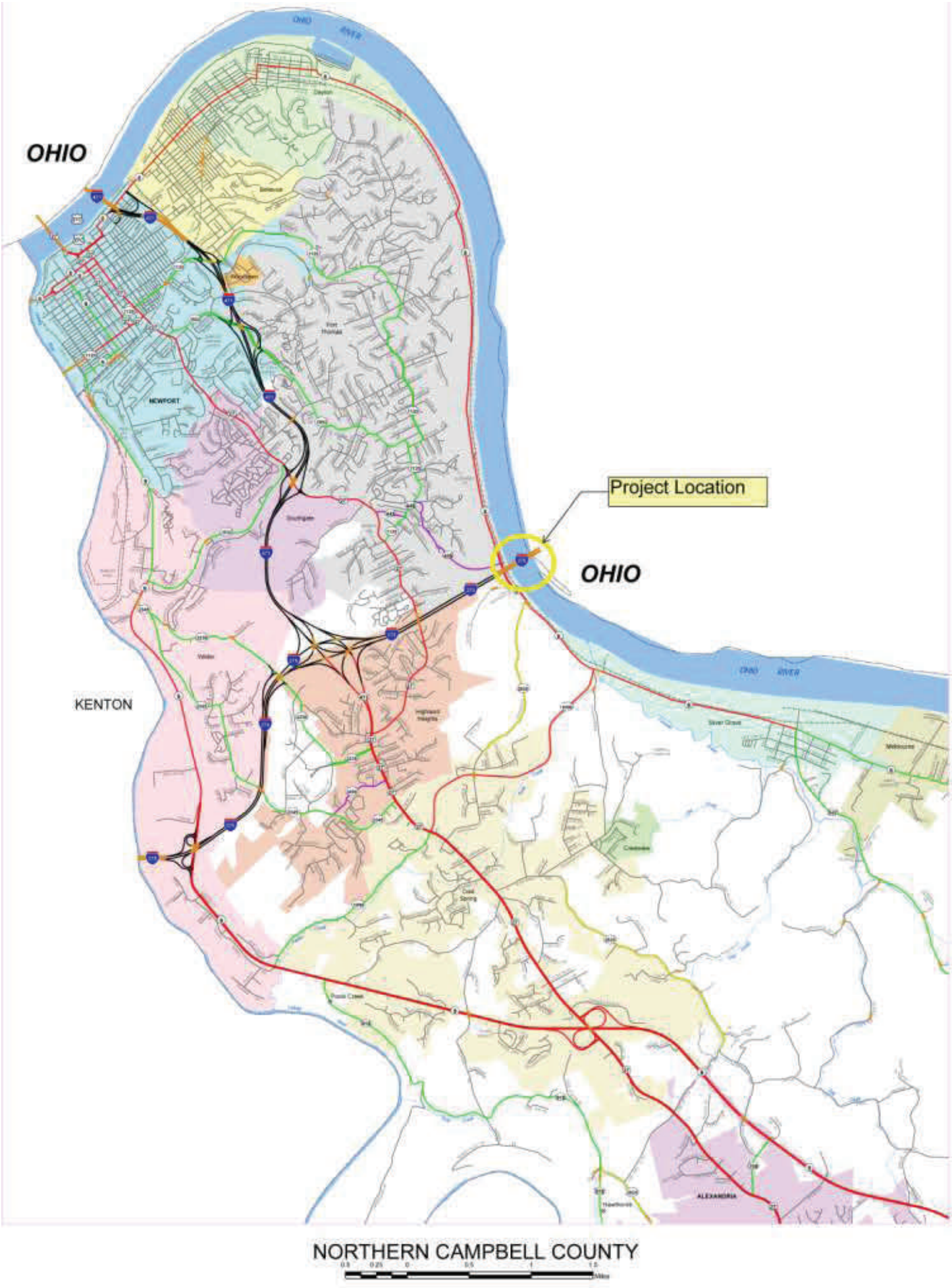
EVALUATION FACTORS

1. In-house capability and capacity to perform the required services (20 points).
2. Performance on past or similar projects (20 points)
3. Demonstrate familiarity with regulatory requirements (15 points).
4. Capacity to comply with schedules (10 points)
5. Special or unique experience (10 points).
6. Consultant's Kentucky office where work is to be performed (5 points).

    75%-100% of work accomplished in Kentucky offices (5 points)
    26%-74% of work accomplished in Kentucky offices (2 point)
    0%-25% of work accomplished in Kentucky offices (0 points)

SELECTION COMMITTEE MEMBERS

1. David Steele, P.E., User Division
2. Josh Rogers, P.E., User Division
3. Mike McGregor, Secretary's Pool
4. David Quarles, Secretary's Pool
5. David Atwell, Governor's Pool


OHIO
Project Location
OHIO
KENTON
NEWPORT
ALEXANDRIA
NORTHERN CAMPBELL COUNTY