

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2013-11
Jefferson County / CR1019L / 5-1061
Jefferson County / US 60A / 5-1064
Jefferson County / CR1004N / 5-1068

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County – Jefferson
Route – CR1019L / US 60A / CR1004N
Item No – 5-1061.00 / 5-1064.00 / 5-1068.00

Project Description –

5-1061.00 - Replace Bridge and approaches over Bee Lick Creek, (MP 0.179) 0.4 Mi. northeast of Manslick Rd (KY 2055); (Structurally Deficient, SR=4) ID# 056C00104N

5-1064.00 - Replace bridge on Eastern Parkway (US 60A) over South Fork Beargrass Creek, 0.2 mile NE of Poplar Level Rd (KY 864) (SR=45.9) ID# 056B00139N

5-1068.00 - Replace Bridge on Fairmount Rd. (CR 1004N) over Cedar Creek 0.2 mile W of Farmers Way (PR 1021N)(SR=19.3) ID# 056C00054N

II. PROJECT INFORMATION

Project Manager – Patrick Matheny, P.E.
User Division – Division of Highway Design

Approximate Fee – 5-1061.00 - \$200,000 (Lump Sum Fee)
5-1064.00 - \$250,000 (Lump Sum Fee)
5-1068.00 - \$200,000 (Lump Sum Fee)

Project Funding – 5-1061.00 - Federal Funds (BRZ)
5-1064.00 - Federal Funds (BRO)
5-1068.00 - Federal Funds (BRZ)

Project Length – 5-1061.00 - 0.10 miles
5-1064.00 - 0.04 miles
5-1068.00 - 0.04 miles

III. PURPOSE AND NEED

5-1061.00 - This project is necessary to rehabilitate a two lane bridge (ID# 056C00104N) that is structurally deficient with a sufficiency rating of 4.0. The asphalt surface is cracked and deteriorated, the beams have critical spalling with exposed resteel and heavy efflorescence, and

the abutments also have large cracks and deterioration that resulted in the closing of a portion of the deck. The purpose is to eliminate the structural deficiency of a 73 year old, concrete T-beam bridge (ID# 056C00104N) that is 30 feet in length, running over Bee Lick Creek; and to improve the approaches.

5-1064.00 - This project is necessary to rehabilitate a four lane bridge (ID# 056B00139N) that is structurally deficient. Section loss in the flanges of the two main steel beams, spalling and exposed resteel under the arch, and deterioration of the arch footings have given this bridge a sufficiency rating of 45.9. The purpose is to provide a safe, structurally sound bridge (ID# 056B00139N)(single-span arch, 72 feet in length) located at MP 5.718 on US 60A, running over South Fork Beargrass Creek.

5-1068.00 - This project is necessary to rehabilitate a single lane bridge (ID# 056C00054N) that is structurally deficient. Extensive deterioration of the concrete arches, including spalling and section loss of the re-steel, and some scouring at the bases of the arches have given this bridge a sufficiency rating of 19.3. The purpose is to eliminate the structural deficiency and improve safety of a 73 year old, multi-spandrel arch, 124 feet in length bridge (ID# 056C00054NN), located at MP 0.757, running over Cedar Creek.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

V. SCOPE OF WORK

The Selected consultant will be required to provide engineering services preliminary and final roadway design including the preparation of preliminary line and grade plans, drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, cost estimates, advanced situation folders for structural design, and an anticipated construction schedule.

It is the intent of the District to utilize the following on 5-1064 project:

- A four-lane bridge and improved roadway approach geometry.

It is the intent of the District to utilize the following on 5-1061 and 5-1068:

- Latest edition of AASHTO Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT<400) due to low volumes and low speeds.
- A two-lane bridge and improved roadway approach geometry

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

Consultants shall focus their *Project Approach* section on one project. The following project is to be used for the Project Approach Section write up: 5-1064.00

VII. AVAILABLE STUDIES

[Bridge Inspection reports for 5-1061, 5-1064, and 5-1068](#)

[DNA Studies for 5-1061, 5-1064, and 5-1068 \(91 MB ZIP\)](#)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. PHOTOGRAMMETRIC SERVICES

Photogrammetry is not required; the consultant will be responsible for all surveying via conventional survey methods.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. The anticipated environmental document will require a Categorical Exclusion.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. RIGHT-OF-WAY

The Department will be responsible for estimating Right-of-Way costs based on plans provided by the consultant. The selected consultant shall identify property owners and perform deed research within the project limits. Property owner information shall be shown on the plans along with existing Right-of-Way and property lines. Final Right-of-Way plans shall be furnished according to the Project Schedule.

XIII. STRUCTURE DESIGN

The selected consultant shall do the necessary Engineering Services to submit to the KYTC Advance Situation Folders for the applicable structure(s). The Structure Design will be performed by the Department.

XIV. TRAFFIC

Existing hourly traffic counts, traffic projections, Intersection turning movements, and related information will be provided by the Department.

XV. UTILITY DESIGN

The Department will be responsible for estimating Utility costs based on plans provided by the consultant. The Department will send project location maps to all potential utility contacts to determine whether they may have existing utilities within these project limits. The Department

will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected consultant. All utilities including aerial carriers shall be field-verified by the consultant. Sizes and types of underground and aerial utilities shall be identified on the roadway plans. Plans shall be provided by the consultant in both .pdf and .dgn format. These will be distributed by the Department to utility representatives for review and comment.

The Department will authorize B.U.D. (Before You Dig) to field-locate utilities. The consultant shall perform field surveys to collect the B.U.D. data. Horizontal location of existing utilities shown on Phase II plans shall be adjusted as necessary to reflect actual B.U.D. locates.

XVI. PREQUALIFICATION REQUIREMENTS

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

Roadway Design

- Rural Roadway Design
- Urban Roadway Design
- Surveying

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • Wednesday, June 5, 2013 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • June 11, 2013

SECOND SELECTION COMMITTEE • June 25, 2013

PRE-DESIGN CONFERENCE • July 1, 2013

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • July 15, 2013

CONTRACT NEGOTIATIONS • July 29, 2013

NOTICE TO PROCEED • September 2, 2013

XVIII. PROJECT SCHEDULE

Individual project schedules will be by letter agreement on a project by project basis.

PRELIMINARY LINE AND GRADE MEETING • December, 2013

JOINT AND DRAINAGE INSPECTION • June, 2014

SUBMIT FINAL RIGHT-OF-WAY UTILITY PLANS • July, 2014

FINAL PLANS AND SPECS • September, 2015

XIX. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (15 points)
2. Capacity to comply with project schedule. (15 points)
3. Past record of performance on project of similar type and complexity. (15 points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 points)
5. DBE Participation Plan (4 Points)
6. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XX. SELECTION COMMITTEE MEMBERS

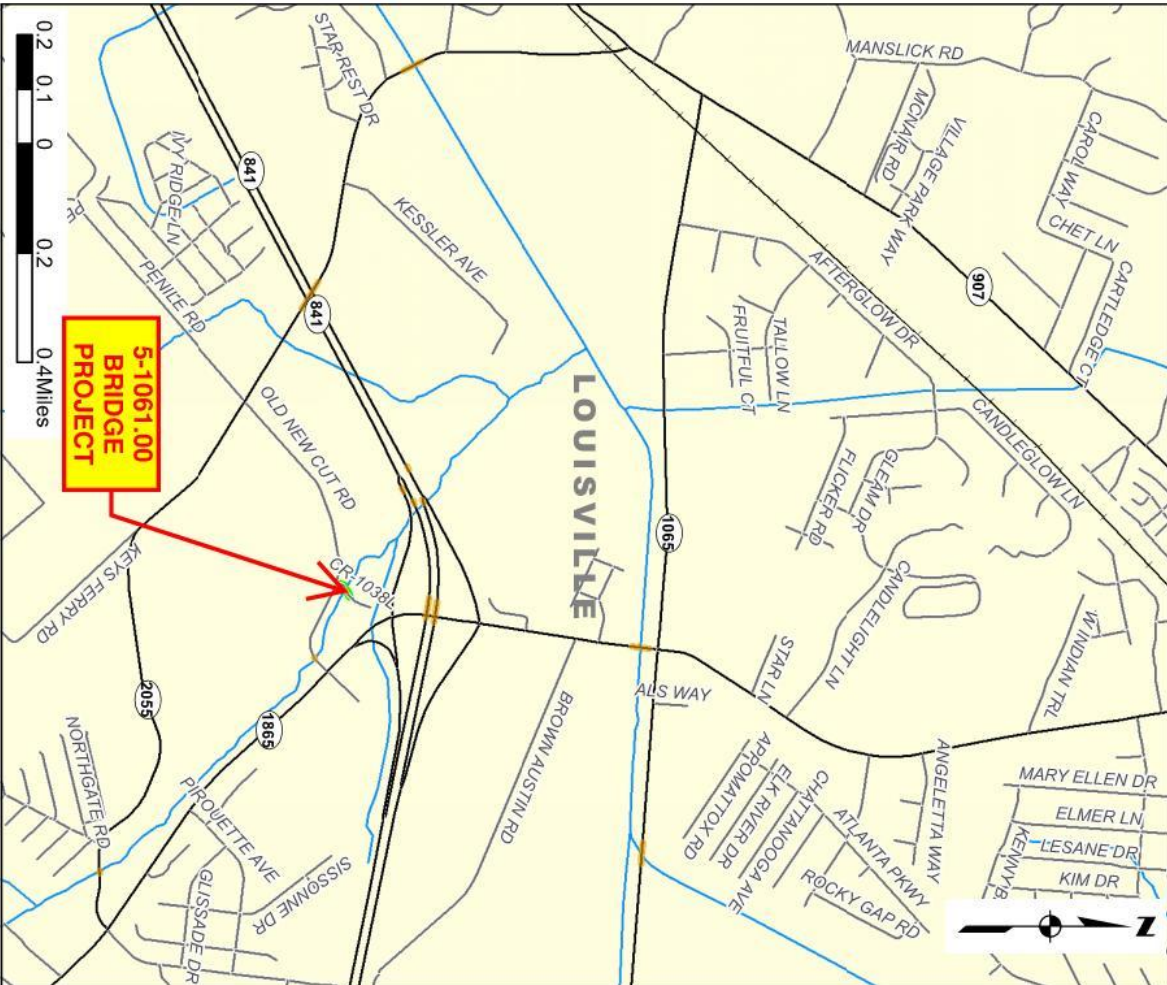
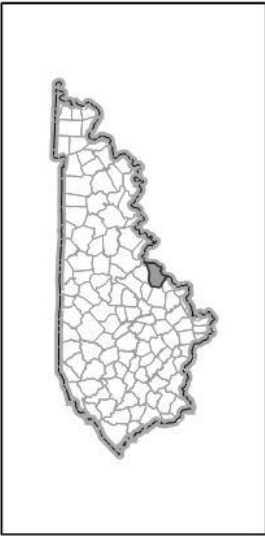
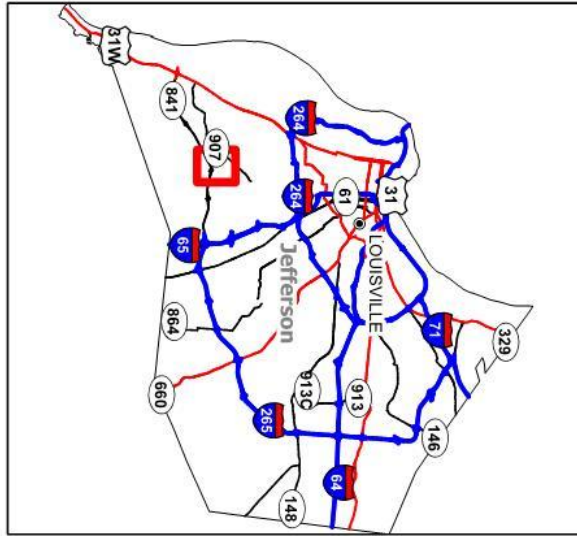
1. Pat Matheny, P.E., User Division
2. Jason Littleton, P.E., User Division
3. Carl Van Zee, P.E., Secretary's Pool
4. Diana Radcliffe, P.E., Secretary's Pool
5. James Rogers, Governor's Pool

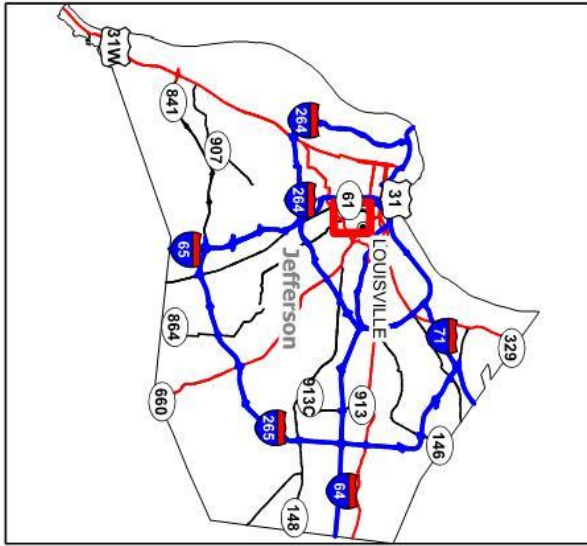
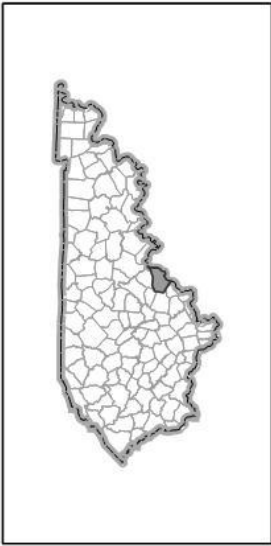
PROJECT MAP
JEFFERSON COUNTY
ITEM NO. 5-1061.00

Replace Bridge and approaches over Bee Lick Creek, (MP 0.179)
 0.4 Mi. northeast of Manslick Rd (KY 2055)
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Date: 4/11/2013

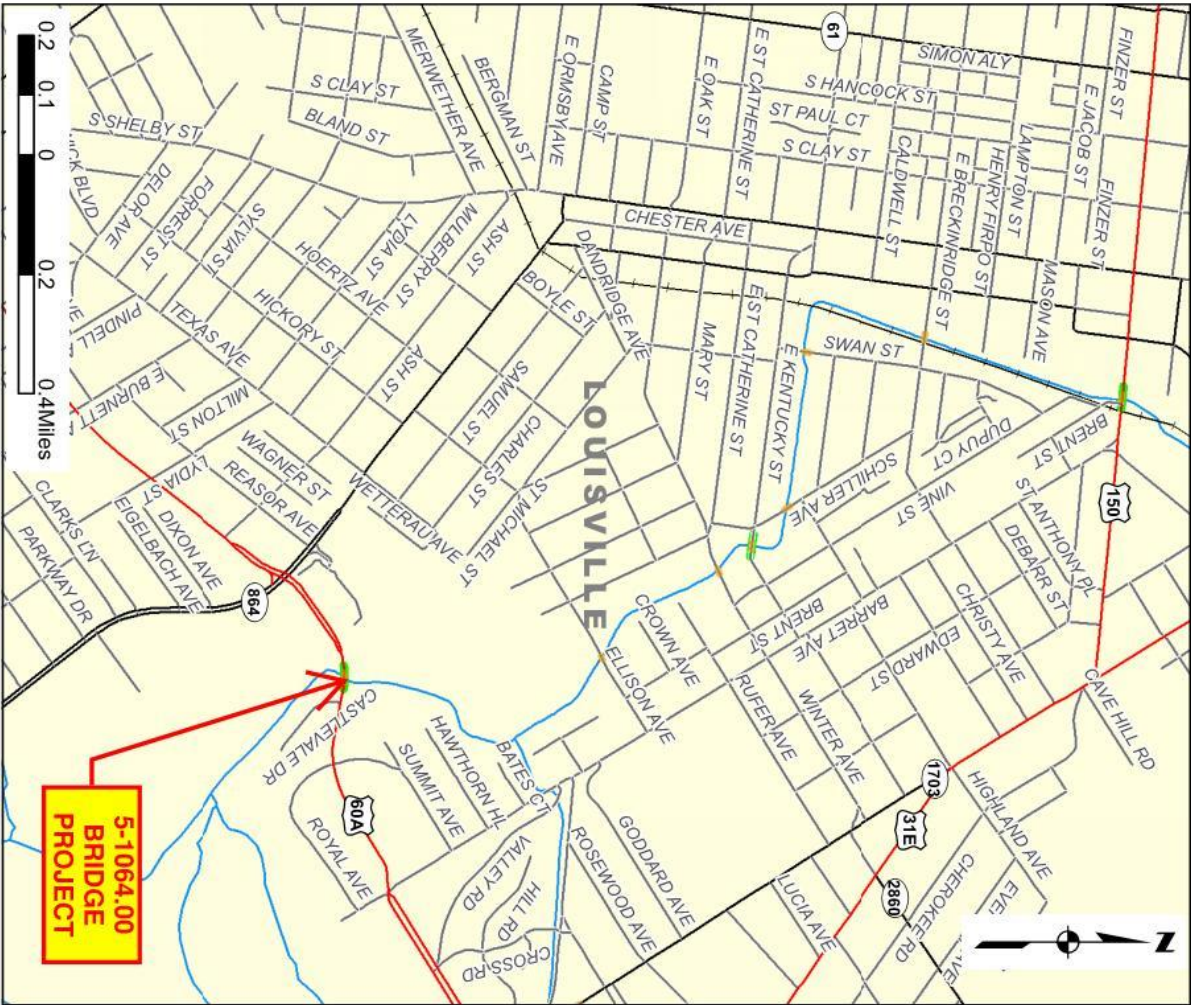




PROJECT MAP
JEFFERSON COUNTY
ITEM NO. 5-1064.00

Replace bridge on Eastern Parkway (US 60A) over South Fork Beargrass Creek, 0.2 mile NE of Poplar Level Rd (KY 864) (SR 45.9) ID# 056B00139N

Date: 4/11/2013



PROJECT MAP
JEFFERSON COUNTY
ITEM NO. 5-1068.00

Replace Bridge on Fairmount Rd. (CR 1004N) over Cedar Creek
 0.2 mile W of Farmers Way (PR 1021N)
 (SR19.3) ID# 056C00054N
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