



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

March 21, 2019

CONTRACT ID NO. 19-9001
ADDENDUM # 2

Subject: Boone County
Letting August 16, 2019

(1) Replace - Pages 2,3,6,7,8,9,12,13 and 22

Proposal revisions are available at

<http://transportation.ky.gov/Construction-Procurement/Pages/Design-Build-Projects.aspx>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

1. PROJECT IDENTIFICATION

Contract No. 19-9001 State Project # FD52 008 0275 006-010

County: Boone Route: I-275

Local Route Name: Graves Road

1.1 PROJECT SCHEDULE

The submittal process shall involve a 3-step process (Statements of Qualifications, Technical Proposal, and Price Proposal). Below is a schedule of dates for the submittal:

Date	Submittal
Early March, 2019	Advertisement
March 14, 2019	Pre-Proposal Meeting (Mandatory)
March 29, 2019	Statements of Qualifications Due
April 12, 2019	Short-list
April 15, 2019 thru June 14, 2019	Alternate Technical Concept Process
June 28, 2019	Alternate Technical Concept Approvals
August 2, 2019	Technical Proposals Due
August 16, 2019	Price Proposals Due
September 2019	Project Award
August 1, 2022	Project Completion Date

1.2 PROJECT-RELATED INFORMATION

The following information is available for review and use by the Design-Build Team (DBT) in the online archive at the following location:

<https://transportation.ky.gov/Construction-Procurement/Pages/Design-Build-Projects.aspx>

- A. Construction plans for the existing Graves Road overpass (Drawing #: 16930)
- B. Geotechnical Engineering Report R14-04 - KY 237 Widening (N. Bend Rd toward KY 8)
- C. Geotechnical Engineering Report L11-01 - I-275 Slide #8 Beginning @ MP8.62
- D. A preliminary design executive summary for reference information only.

The following information is available for review and use by the Design-Build Team (DBT) at the Pre-Proposal Meeting:

- A. Preliminary design files including the currently proposed alignment for the project
- B. Additional preliminary survey and utility location information, gathered in 2019.
- C. Mapping and Ortho-photography for the project

None of the information provided herewith or at the Pre-Proposal meeting should be considered complete or as-built information. The Design-Build Teams (DBT(s)) are advised to verify the preceding information to determine if it accurately depicts existing field conditions.

2. PRE-PROPOSAL MEETING

This pre-proposal meeting is to discuss and clarify all issues that the project may have.

Location: Boone County Court House
2950 Washington Street
Burlington, KY 41005
Date: March 14, 2019
Time: 10:00 a.m. Eastern Time

The meeting is mandatory for contractors and consultants who intend to be leads on a DBT.

3. ADDENDA PROCESS

Addenda to this solicitation may be necessary prior to the closing date and will be furnished by mail, email, or the web to all prospective DBTs if prior to receipt date and to all DBTs determined to be eligible for award if after receipt date. KYTC will respond to questions that are received by 4:00 pm (EST), Monday 4 days prior to the Statement of Qualifications, Technical Proposal or Price Proposal submittals. The responses will be posted by Wednesday, prior to the submittal deadline.

All questions prior to the award shall be directed to:

Name: Rachel Mills, P.E.,
Director, Division of Construction Procurement
Phone: 502-564-3500
Email: Rachel.Mills@ky.gov
Subject: CID #: 19-9001 Graves Road Design Build – QUESTION

Answers to questions will be posted at: <https://transportation.ky.gov/Construction-Procurement/Pages/Design-Build-Projects.aspx>

4. DESIGN-BUILD TEAM

4.1 PREQUALIFICATION

It is required that the Design Build Team (DBT) consist of a KYTC pre-qualified Contractor who has engaged the services of KYTC pre-qualified Design Consultant(s) to perform all work required in this ITP. If the Design Consultant(s) submitted does not meet all the required qualifications, KYTC may reject the DBT's proposal. All subconsultants and subcontractors utilized by the DBT on this project shall be pre-qualified to perform work for KYTC or their services shall not be allowed.

To respond to a project listed in this ITP the project team must be prequalified in the specified areas by the response due date of the advertisement. If there are questions concerning prequalification, contact Claïressa (Ressie) Hamilton or Ashley McIntosh at (502) 564-4555. Responses that do not have all areas of prequalification fulfilled will be returned.

4.1.1 CONTRACTOR PREQUALIFICATION

Consistent with Section 102.01 of Kentucky's 2012 Standard Specifications for Road and Bridge Construction ("Standard Specifications") all organizations and individuals bidding on Department projects and accepting subcontracts on Department of Highways ("Department") projects shall apply for and receive Department prequalification and possess a Certificate of Eligibility as provided in regulations published by the Department according to KRS 176.140.

4.2.1 **FORMAT**

To ensure a timely and consistent review, the format of the SOQ must adhere to the requirements of this section. The following table lists the maximum number of pages which may be used by the Proposer in the SOQ. Content should be organized by parts as indicated.

Part	Content	Maximum Pages
A	Introduction	3
B	Project Understanding and Approach	18
C	Design-Build Project Team and Resumes	
D	Capabilities and Experiences – Including Form A (Appendix A)	15
Total		36

The SOQ must conform to the following format:

- A. Each page must be 8.5” x 11” with single-space type no smaller than 11-point font. Pages may contain graphics and photographs where applicable.
- B. All pages shall be numbered with a footer depicting, at a minimum, Proposer’s name and page number (Proposer – Page X of XX). Margins shall be at least 1” all around. Deviations from formatting requirements may result in rejection of the LOQ.
 1. Printing should be double-sided. If single-sided printing is used, the backs of pages must be left blank.
 2. A single 11” x 17” page may be substituted for two 8.5” x 11” pages.
- C. Binding covers front and back are allowed as well as a transmittal letter; however, information on the outside covers and transmittal letter may not be used for evaluating the LOQ. The insides of the front and back covers must be left blank. No writing, photos, graphs, etc., will be allowed on the inside of covers.
- D. Tabs between pages may be used; however, other than identification on the tab, the tab page must be blank. No writing, photos, graphs, etc., will be allowed on the tab pages other than section identification.
- E. This response will be a “standalone” document. No additional information may be attached to made reference to via webpage or other means.

4.2.1.1 **Part A – Introduction**

The introduction shall contain the following information:

- A. The Introduction page(s) shall be on the Lead Contractor's letterhead and identify the full legal name and address. (Font, font size, and page margin requirements may be disregarded as it pertains to the Lead Contractor’s letterhead if the Lead Contractor’s standard blank letterhead would violate the formatting limitations.) Proposers who are joint ventures may submit on any letterhead of the joint venture’s members, or submit on a new letterhead depicting the joint venture. The Introduction shall be signed by an authorized representative of the Proposer's organization. All signatures in the Introduction submitted with the unbound version of the SOQ shall be original and signed in ink.

The electronic versions do not require a signature.

- B. Identify the name, title, address, phone and fax numbers, and e-mail address of an individual who will serve as the Point of Contact for the Proposer.
- C. Identify whether the Lead Contractor will be structured as a corporation, Limited Liability Company, general partnership, joint venture, limited partnership or other form of legal organization. Note: The Department recommends that Lead Contractors who are joint ventures register their company or fictitious name with the Kentucky Secretary of State.
- D. Identify the full legal name of the Lead Contractor and the Lead Designer for this Project. The Lead Contractor is defined as the prime/general contractor responsible for overall construction of the Project and will serve as the legal entity who will execute the Contract with the Department.
- E. Provide the name of the principal(s) or officer(s) of the Lead Designer. Provide the firm's registration number of the Lead Designer confirming that the firm is properly registered with the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors at the time of submittal, who will be responsible for the design work included in this contract. The Lead Designer is the firm that employs the DBT Design Project Manager.
- F. A statement that the Proposer's Lead Contractor and Lead Designer are prequalified with the Department in accordance with the requirements of the Department.
- G. A statement confirming the commitment of the Key Personnel identified in the submittal to the extent necessary to meet the Department's quality and project duration expectations.
- H. A statement warranting that no members of the Proposer have a personal conflict of interest or an organizational conflict of interest. (See Section 5.2)
- I. A statement that the Proposer will comply with the Department's DBE goals for this Contract, and will comply with the Department's Nondiscrimination policy.
- J. A Certification of authorized submitter that information contained within is correct. Include typed name and title, the clause "I certify that the information included within this document is, to the best of my knowledge, correct as of the date indicated", the signature (one copy must have original signature, and the date)
- K. A Certification that the Lead Consulting firm is currently registered with the Commonwealth of Kentucky in accordance with KRS 322.060 to perform the engineering services needed for this project, and the firm's Kentucky Registration Number. This includes subconsultant firms. Additional pages are allowed in an appendix to the SOQ to provide subconsultant certification of firm registration and Kentucky Registration Number.
- L. In accordance with Federal Acquisition Regulation 52.209-5, the Vendor shall certify with bid response, that to the best of its knowledge and belief, the Vendor and/or its Principals is (are) not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any State or

Federal agency.

M. In response to a legal opinion concerning the application of Official Order No. 102295, "Conflict of Interest", consultants responding to this advertisement are required to identify any potential conflicts of interest in regards to any financial or other personal interest in a project and/or any financial or other personal interest in any real property that may be acquired for a project. In the case that a potential conflict is identified, the consultant will be asked to recommend a solution in dealing with this conflict.

N. Indicate Acknowledgement of Receipt of proposal addenda and include form AOR (see Appendix Q) in an appendix to the SOQ.

4.2.1.2 Part B – Project Understanding and Approach

Describe the Proposer's project understanding and anticipated approach to the project; specifically addressing:

- A. Managing bid and procurement risks specific to the Project during procurement,
- B. Monitoring the quality of the Work to ensure high quality for the duration of the Project, and
- C. Ensuring timely initiation of Roadway design and physical project construction.

The Department has also identified the following as significant tasks with considerable risks involved with the project. Identify the highest risks for each and describe the Proposer's approach to mitigate and manage the risks to the significant tasks:

- A. Right-of-Way acquisitions
- B. Utility relocations

One additional significant task, as identified by the Proposer, specific to the Proposer's anticipated approach to the Project.

4.2.1.3 Part C – Design-Build Project Team

For the DBT to be eligible for selection, the Lead Contractor must be prequalified as stated previously in the instructions.

For the DBT to be eligible for selection, either the prime or a subconsultant must be prequalified in each service area listed within the advertisement.

- A. List the services (from the KYTC prequalification categories) that the lead design consultant and any subconsultant(s) will be performing for this project, and the status of prequalification (Prequalified, Submitted and Pending, or Prequalification not required).
- B. For services to be performed by the lead consultant, list the name(s) of the employee(s) intended to perform the work. For subconsultant services, list the firm name.
- C. List the services not applicable for prequalification categories but which may be performed, and the name of the prime employee(s) or subconsultant firm name who intend to perform the work.

The Proposer shall provide sufficient information to enable the Department to understand and evaluate the Proposer's Team. Include the following:

- A. The Proposer shall provide an organizational chart showing the "chain of command" of the anticipated roles proposed for the Proposer's organization regarding the Project. The organizational chart shall show Key Personnel, key subconsultants, all named firms that will be performing work (including those firms identified in association with Section 4.1.2 of the ITP regarding prequalification), and other anticipated personnel integral to the success of the Project.
Note: Font requirements will not be enforced, but Proposers are to ensure the Organization Chart is legible and clear. One 11" x 17" sheet, folded to 8.5" x 11" size, will be allowed for the Organization Chart. This sheet will count as a single sheet for the purposes of page count. The content of the 11"x17" sheet will be limited to the organizational structure and relationships among the Proposer's team.
- B. Describe the general experience of the firms that are part of the DBT. Focus on specific firm experience that relates to carrying out the proposed project and how the experience will ensure success of the Proposer's general approach to the Project. Describe any notable expertise or other special capabilities of members of the DBT (Persons or Firms) that are critical to your project approach. Firms listed on Form A shall be specifically addressed as to their role on the Proposer's team.
- C. Identify the Key Personnel as described in Sections 4.2.1.3.1 – 4.2.1.3.7 below. Provide information within the SOQ to demonstrate the abilities of all identified personnel through a description of qualifications, experiences, and performance of similar tasks on previous similar recent relevant projects, background, and education. These qualifications and experience should provide confidence to the Department that the Project will be effectively managed through personal competence and accountability. This information shall be expounded through resumes provided in **Part C (Section 4.2.1.3)**. Resumes for individuals who are not identified in the SOQ as Key Personnel shall not be included. For all Key Personnel, provide the following information:
 1. The individual's position and authority within the Proposer.
 2. Previous projects, similar in nature to the proposed project or other significant efforts for which the individual has performed a similar function.
 3. Identify percentage of time that the individual will be dedicated to the Project during the following:
 - a. Design phase
 - b. Construction phase
 4. Relevant experience, professional registrations, education and other components of qualifications applicable to this project.

- B. How the Proposer will coordinate with KYTC to ensure Proposer sharing of information & reporting to ensure a high-quality project
- C. The Proposer's internal procedures for planning and monitoring the Project to ensure timely completion and achievement of critical project milestones while considering project risks, available resources, and production levels.
- D. The Proposer's procedures to ensure a cost-effective design and subsequent cost effective construction while meeting or exceeding the project requirements

4.2.1.4.2 Past Projects/Technical Experience – Design and Construction

The section shall include past projects and technical experience descriptions (not exceed 10 pages total) that provide narrative depictions of the ten relevant experiences (5 Design Projects, 5 Construction Projects) listed on Form A. Technical experience descriptions shall be on distinct pages and not continue across multiple pages, limited to 1 page per experience listed on Form A. The narratives should demonstrate experiences in each of the following areas:

- A. Construction of projects of similar scope and complexity, as applicable to the Contractor.
- B. Design of projects of similar scope and complexity, as applicable to the Designer.
- C. Timely completion of projects of similar scope and complexity.
- D. Proposed Key Personnel members' roles with the project, if applicable.
- E. Ability to meet or exceed DBE commitments and to properly manage DBEs.

Each technical experience description must include the following information:

- A. A narrative describing the project.
- B. Bid construction costs.
- C. Name of the project, the owner's contract information (project manager name, phone number, e-mail address), and project number. If the owner's project manager is no longer with the owner, provide an alternate contact at the agency that is familiar with the project. The alternate contact must have played a leadership role for the owner during the project.
- D. Dates of design (if applicable) and construction (if applicable).
- E. Detailed description of the work or services provided and percentage of the overall project actually performed.
- F. Description of original scheduled completion deadlines and actual completion dates, as applicable to the

Designer and/or Contractor. Describe reasons for completing the project in advance of the contract completion deadline. Describe reasons for completing the projects later than the contract completion deadline specified within the original contract. Describe any reasons for assessed liquidated damages and/or penalties, if applicable.

- G. Description of project challenges and subsequent mitigation efforts by the Proposer to overcome those project challenges and how these challenges and mitigation efforts may relate to this project.
- H. Description of OJT and DBE efforts, if applicable.
- I. An Owner's reference shall be included for each project listed. As a minimum, the reference shall include an individual's name and current telephone number.

Provide an **account** (to be only included in Part D) listing all projects designed and/or constructed by the Lead Designer and/or Lead Contractor that have resulted in the assessment of liquidated damages and/or penalties exceeding \$50,000 in the last five years if applicable to the respective role.

4.3 SOQ REVIEW AND SHORT-LISTING PROCESS

SOQs will be evaluated by a SOQ Technical Evaluation Team to consist of Department representatives from KYTC District 6 and KYTC Central Office.

The Department's SOQ Technical Evaluation Team will rank (at their sole discretion) the Proposer's Statements of Qualifications based upon the evaluation criteria below and in accordance with the Department's internal SOQ Evaluation Guidelines.

The SOQ shall be evaluated and scored based on the following point distribution:

Part	Evaluation Criteria	Maximum Points
B	Project Understanding and Approach	30
C	Design-Build Project Team and Resumes	30
D	Capabilities and Experiences – Including Form A (Appendix A)	40
Total		100

Failure to meet all requirements may render an SOQ non-responsive. The extent to which a Proposer meets or exceeds evaluation criteria will be comparatively ranked by the Department SOQ Technical Evaluation Team and will be reflective of the Department SOQ Technical Evaluation Team's rankings (in their sole discretion) of the Statements of Qualifications submitted by Proposers. The Department reserves the right to find clerical errors *de minimis*.

The Technical Evaluation Team may be assisted by any number of Technical subgroups and/or subject matter experts within the Department, FHWA, County, other involved agencies, and/or contracted by the Department.

awarded.

- D. The bidder or Proposer swears and affirms under penalty of perjury that the entity bidding, is not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade, as defined in Executive Order No. 2018- 905.
- E. The bidder or Proposer swears and affirms that the entity bidding, and all subcontractors therein, have not violated any of the prohibitions set forth in KRS 11A.236 during the previous ten (10) years, and further pledge to abide by the restrictions set forth in such statute for the duration of the contract awarded.

6. PROJECT DESCRIPTION & MANDATORY REQUIREMENTS

The purpose of this project is to improve mobility and safety in a rapidly growing area adjacent to I-275 between Interstate Exits 8 and 11 in northern Boone County.

The mandatory requirements for the project as identified in the Recommended Alternative of the Interchange Justification Study (IJS) included in Appendix D, are as follows:

- A. A new interchange at I-275 and Graves Road including the loop ramp design and the eastbound 275 combination of ramps separated by barrier wall as proposed in the recommended alternative of the IJS;
- B. The widening of the Graves Road corridor as identified in the typical sections included in Appendix E. The widening shall extend from KY 20 and Bullittsville Road northward to KY 237, and including signalized intersections at KY 20, both exit ramp termini and Worldwide Boulevard. In addition Graves Road / KY 237 roundabout shall be widened from a single lane to two lanes and two (2) left turn lanes shall be provided on KY 20 at the intersection with Fister Pl Blvd / Lauren Meadows Dr.;
- C. A modified tie-in of Williams road to Graves Road;
- D. The extension of the westbound I-275 mainline, three-lane typical section from just west of the KY 237 Interchange to just west of the proposed Graves Road Interchange with concrete pavement;
- E. The addition of an eastbound auxiliary lane along I-275 between the Graves Road and KY 237 Interchanges with concrete pavement;
- F. Minor adjustments to the I-275/KY 237 interchange ramps as described in Section 3.2 of Interchange Justification Study;
- G. The addition of a dual left turning movement from northbound KY 237 to westbound I-275.

In addition to the mandatory requirements identified above, KYTC has determined the last acceptable completion date for the project shall be August 1, 2022. There will be a lump sum \$1,000,000.00 incentive to the DBT if the new interchange with a connection to Worldwide Blvd. and the relocated Williams Road are completely finished, with the exception of final surfacing, before October 31, 2020. Under no circumstances will an extension to the October 31, 2020, milestone incentive date be given; except that, if KYTC issues an extension to contract time according to section 10.4.18 of the ITP, then KYTC will also consider if an extension should be applied to the milestone incentive date. Early substantial completion date of the project is preferred. If the project is not completed by the completion date identified in the DBT's proposal, per Section 108.09 of the Standard Specifications, liquidated damages shall be applied for each calendar day including weekends and holidays. Contrary to current specifications, the liquidated damage rate shall be \$5,000.00 per day, and will be assessed through the winter months and during any times when a work item cannot be pursued due to seasonal limitations.