

Kentucky Transportation Cabinet (KYTC)

DESIGN-BUILD

Request for Qualifications (RFQ)

April 26, 2019

Contract No. 19-9003

State Project: FD52 056 0071

FD52 056 0265 023-035

FD52 056 0071 009-011

FD52 093 0071 011-014

FD52 093 0071 014-018

FD52 093 0071 020-021

FD52 056 0265 024-027

FD52 056 0064 017-020

County: Jefferson and Oldham

Route: I-265, I-64, & I-71

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1. PROJECT IDENTIFICATION

Contract No. 19-9003

State Project #'s FD52 056 0071
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FD52 056 0265 024-027
FD52 056 0064 017-020

County: Jefferson and Oldham

Route: I-265, I-64, & I-71

Local Route Name: **GENE SNYDER FREEWAY, I-64, AND I-71**

1.1 PROJECT SCHEDULE

The submittal process shall involve a 2-step process (Statements of Qualifications, Technical Proposal, and Price Proposal combined). Below is a tentative schedule of dates for the submittal:

Date	Submittal
April 26, 2019	Issue Request for Qualifications. (RFQ)
May 7, 2019	Pre-Proposal Meeting (Mandatory)
May 20, 2019	Statements of Qualifications Due
May 30, 2019	Short-list
May 31, 2019	Issue Draft Instructions to Proposers (ITP)
June 10, 2019 thru August 15, 2019	Alternate Technical Concept Process and ITP review
September 9, 2019	Alternate Technical Concept Approvals
September 18, 2019	Last Day for Questions
September 19, 2019	Responses to all Questions Issued
September 20, 2019	Final ITP Issued
October 15, 2019	Technical and Price Proposals Due
October 31, 2019	Project Award
November 1, 2023	Project Completion Date

1.2 PROJECT-RELATED INFORMATION

The scope of work under consideration for this project are generally defined as:

KYTC ITEM NO.	ROUTE	DESCRIPTION	State Project #
5-539	I-71	PROVIDE COLLECTOR-DISTRIBUTOR LANE ON SOUTHBOUND TO FACILITATE RAMP MOVEMENTS TO AND FROM I-265	FD52 056 0071
5-537.00, 5-537.01 & 5-537.02	I-265	SIX LANE PRIORITY SECTION OF I-265 BETWEEN TAYLORSVILLE ROAD AND I-71	FD52 056 0265 023-035
5-483, 5-483.01, & 5-483.02	I-71	SIX LANE PRIORITY SECTION OF I-71 BETWEEN I-265 AND KY 329	FD52 056 0071 009-011 FD52 093 0071 011-014 FD52 093 0071 014-018 FD52 093 0071 020-021
5-549 & 5-549.01	I-265	RECONSTRUCTION OF THE I-265/I-64 INTERCHANGE	FD52 056 0265 024-027 FD52 056 0064 017-020

PROJECT BUDGET: \$180 MILLION

KYTC will be using a **Variable Scope Best Value Selection** process to award this project to the Design Build Team (DBT). The selection process will be further defined beginning with the Draft Instructions to Proposers (ITP) to be issued to the short listed firms.

Please be advised that the project will have a milestone completion date of **December 31, 2020** for **Item No 5-539**. All work for this item needs to have all lanes completed and open to traffic by this date.

Please note that KYTC has provided multiple project files as **INFORMATION ONLY** for each component of the project. These **Reference Information Documents (RIDs)** will be made available and distributed to prospective DBT's as such RIDs become publicly available. To obtain credentials to access the RIDs, please contact:

Name: Rachel Mills, P.E.,
Director, Division of Construction Procurement
Phone: 502-564-3500
Email: Rachel.Mills@ky.gov

The RIDs have been provided for the purpose of delivering information to prospective DBT's that is in the Department's possession. The Department has not determined whether the RIDs are accurate, complete or pertinent, or of any value to the prospective DBT's. The RIDs will not form a part of the Contract Documents between the Department and Design-Builder. Except as may be provided otherwise in the Instructions to Proposers (ITP) to be issued for the project, the Department makes no representation, warranty or guarantee as to, and shall not be responsible for, the accuracy, completeness, or pertinence of the RIDs, and, in addition, shall not be responsible for any conclusions drawn therefrom. The DBT will ultimately be responsible for all design and construction for the project in accordance with the ITP issued for the work.

2. RESTRICTIONS ON PARTICIPATION IN DESIGN-BUILD CONTRACTS

To facilitate this procurement, various rules have been established and are described in the following paragraphs.

2.1 CAMPAIGN FINANCE LAW STATEMENT PURSUANT TO KRS 45A.110 AND KRS 45A.115

Each member of the DBT shall certify that neither he/she nor any member of his/her immediate family having an interest of ten percent (10%) or more in any business entity involved in the performance of this project, has contributed more than the amount specified in KRS 121.056 (2), to the campaign of the gubernatorial candidate elected at the last election preceding the date of this solicitation. Each member of the DBT further swears under the penalty of perjury, as provided by KRS 523.020, that neither he/she nor the company which he/she represents, has knowingly violated any provisions of the campaign finance laws of the Commonwealth, and that the award of a contract to him/her or the company which he/she represents shall not violate any provisions of the campaign finance laws of the Commonwealth.

2.2 CONFLICT OF INTEREST

The DBTs will be required to certify, by the signatures of duly authorized representatives that they are legally entitled to enter into this solicitation and contract and that they shall not be violating, either directly or indirectly, any conflict of interest statute under KRS Chapters 45A or 11A or ethical provisions under KRS Chapter 11A.

2.3 NO CONTINGENT FEES

No person or selling agency shall be employed or retained or given anything of monetary value to solicit or secure this contract, excepting bona fide employees of the DBT or bona fide established commercial or selling agencies maintained by the DBT for the purpose of securing business. For breach or violation of this provision, the KYTC shall have the right to reject the proposal, annul the contract without liability, or, at its discretion, deduct from the contract price or otherwise recover the full amount of such commission, percentage, brokerage or contingent fee or other benefit.

2.4 RESTRICTIONS ON COMMUNICATION WITH KYTC STAFF

From the date of advertisement of the RFQ until a contract is awarded, Proposers are not allowed to communicate with any KYTC staff and KYTC technical advisors concerning this project except:

- A. During the Pre-Proposal Conference with KYTC staff present or
- B. Via written questions to those specified in Section 4.
- C. Established protocols in the ITP to be issued.

For violations of this provision, the KYTC may reject the proposal.
KYTC technical advisors for this project are Qk4 and Michael Baker International.

2.5 PROPOSAL PREPARATION

The DBT shall follow any pertinent sections of this RFQ, in the preparation of the proposal. Failure to provide any of the data required may result in the proposal being excluded from further evaluation.

2.6 PAYMENT AND CONDITIONS OF STIPEND

Subject to the conditions of the ITP, KYTC will provide a payment of \$175,000 to each non-selected, responsive, short listed DBT(s). The term “payment” as used in this section shall mean \$175,000.

3. PRE-PROPOSAL MEETING

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

Location: Kentucky Transportation Cabinet Central Office
200 Mero Street
TCOB Auditorium
Frankfort, KY 40601

Date: May 7, 2019
Time: 10:00 a.m. Eastern Time

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

4. 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. The KYTC will respond to questions regarding the Statement of Qualifications (SOQ) received by 4:00 pm (EST) May 13, 2019. The responses will be posted no later than May 16, 2019.

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

Or see the website at: <http://transportation.ky.gov/Construction-Procurement/Pages/default.aspx>

5. DESIGN-BUILD TEAM

5.1 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 the forthcoming ITP. If the Design Consultant(s) submitted does not meet all the required qualifications, KYTC may reject the DBT's SOQ. All sub-consultants 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.

Acceptable SOQ will require the project team to be prequalified in the specified areas by the SOQ due date listed in section 1.1. If there are questions concerning prequalification, contact Mr. Eric Pelfrey, PE (502) 564-4555. Responses that do not have all areas of prequalification fulfilled will be returned.

5.1.1 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.

As part of the Statement of Qualifications (SOQ) to be provided by the DBT, the DBT shall identify the members of the Team that are to perform the following **major** work items of work:

<u>(1) Pavement Type</u>	<u>Qualifications for Bidder</u>
Asphalt Pavement	C2
Concrete Pavement	B
(2) <u>Bridges</u>	E1, E2, E3 & E4
(3) <u>Grade and Drain</u>	A

In order to be registered as an eligible bidder for the project, all construction team members for the DBT that are to be used for major work items shall be identified as part of the submission of the Statements of Qualifications (SOQ). Organizations and individuals providing other services for the project may be identified in the SOQ, subject to the discretion of the DBT. Any contractor that is to perform work on the project shall be prequalified and possess a Certificate of Eligibility from KYTC prior to beginning any construction activities for this project.

5.1.2 PROFESSIONAL SERVICES PREQUALIFICATION

The DBT shall provide all necessary services to design and construct all permanent and temporary portions of the project, inclusive of relocating all affected utilities. Work shall conform to current KYTC, federal, and AASHTO standards, practices, policies, guidelines and specifications where applicable. Additional documents identified within the scope of work shall be provided under separate cover as part of the contract documents. KYTC standards, practices, policies, guidelines and specifications shall control in case of a conflict. The standard of care for all such services performed or furnished under this Agreement shall be the care and skill ordinarily used by members of the engineering profession practicing under similar conditions at the same time and locality.

As part of the Statement of Qualifications (SOQ) to be provided by the DBT, the DBT shall identify the members of the Team that are to perform the following items of work:

Geotechnical	Engineering Services
Highway Design	Rural Roadway Design
Highway Design	Urban Roadway Design
Highway Design	Surveying
Utility Design	Utility Preconstruction Coordination
Structure Design	Spans Under 500 Ft

The following pre-qualifications are not required with the submittal of a Statement of Qualifications. Should the services be needed, the awarded DBT must obtain the required qualifications prior to providing those services:

Geotechnical	Laboratory Testing Services
Geotechnical	Drilling Services
Utility Design	Communication
Utility Design	Electrical Level 1
Utility Design	Gas Level 1
Utility Design	Water & Sewer Level 1
Utility Design	Water & Sewer Level 2
Utility Design	Utility Construction Inspection
Traffic Operations	Traffic Engineering Services
Traffic Operations	Electrical Engineering Traffic Signal Services
Traffic Operations	Electrical Engineering Roadway Lighting Services

The DBT shall be aware that changes to the preliminary design documents may require the DBT to be prequalified in additional areas.

Design firms shall be sufficiently staffed and capable of performing the required work on this contract. These design firms may be subcontractors responsible for the design and engineering of the project.

There may be multiple consultants working on the DBT. However, one consultant shall be designated as the Lead Designer. The DBT shall include qualified engineers and surveyors to be in direct responsible charge of engineering and surveying endeavors and who are professionally registered in the state of Kentucky. Designs prepared for the project shall be signed and stamped by a licensed Kentucky Professional Engineer. To qualify for selection, interested DBTs shall be prequalified through KYTC for the performance of the work. Licensure shall be acquired prior to performing any work when prequalification requires work be performed by a licensed individual. Services requiring prequalification may only be performed by firms prequalified for those services at the time of performance of the services.

5.2 DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM

It is the policy of the Kentucky Transportation Cabinet (“the Cabinet”) that Disadvantaged Business Enterprises (“DBE”) shall have the opportunity to participate in the development and performance of highway construction projects financed in whole or in part by Federal Funds in order to create a level playing field for all businesses who wish to contract with the Cabinet. To that end, the Cabinet

will comply with the regulations found in 49 CFR Part 26, and the definitions and requirements contained therein shall be adopted as if set out verbatim herein.

The Cabinet, consultants, contractors, subcontractors, and sub-recipients shall not discriminate on the basis of race, color, national origin, or sex in the performance of work performed pursuant to Cabinet contracts. The contractor shall carry out applicable requirements of 49 CFR 26 in the award and administration of federally assisted highway construction projects. The DBT will include this provision in all its subcontracts and supply agreements pertaining to contracts with the Cabinet.

Failure by the DBT to carry out these requirements is a material breach of its contract with the Cabinet, which may result in the termination of the contract or such other remedy as the Cabinet deems necessary.

5.2.1 DBE GOAL

The DBE goal established for this contract is 5% of the total value of the contract.

The DBT shall exercise all necessary and reasonable steps to ensure that DBEs participate in at least the percent of the contract as set forth about as goals for this contract.

5.2.2 OBLIGATION OF THE DBT

Each member of the DBT shall designate and make known to the KYTC a liaison officer who is assigned the responsibility of effectively administering and promoting an active program for utilization of DBEs.

Contractors are encouraged to use the services of banks owned and controlled by minorities and women.

5.3 STATEMENTS OF QUALIFICATIONS (SOQ)

A DBT shall submit one (1) unbound version of the SOQ, and two (2) USB “thumb” drive containing two (2) electronic files of the SOQ as follows:

- A. One electronic searchable single file PDF which does not restrict printing or copying text, images, and other content.
- B. One electronic password-protected single file PDF which restricts copying of text, images, and other content.

The SOQ shall be received no later than 4:00 p.m. Eastern Time on May 20, 2019. The KYTC shall reject any proposal received after aforementioned time and date and return it unopened to the DBT. In order to be considered, the original SOQ shall be signed in blue ink by an authorized representative of the DBT.

The submittal shall either be mailed or hand-delivered to:

Ms. Rachel Mills, P.E., Director
Division of Construction Procurement
200 Mero Street, 3rd Floor
Frankfort, KY 40622

The outside cover of the package containing the proposal shall be marked:

Statement of Qualifications for
 Jefferson and Oldham Counties I-265, I-64, & I-71
 Item No. 5-537, 5-539, 5-549, & 5-483
 CID No. 19-9003
 Design-Build: FY 2019 Design Build #3

5.3.1 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 SOQ.
 - 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 SOQ. 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.

5.3.1.1 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. Joint Ventures will be required to complete form TC 14-320 and comply with all requirements to get proper registrations prior to submittal of the Statement of Qualifications.

- 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, any other construction Team members performing major items of work, and the 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 sub-consultant firms. Additional pages are allowed in an appendix to the SOQ to provide sub-consultant 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 in an appendix to the SOQ.

5.3.1.2 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.
- D. Maintenance of traffic, safety challenges, and public involvement required to lessen community impacts during construction

The Department anticipates there will be tasks with higher levels of risks involved with the project. Identify the 5 highest risk items and describe the Proposer's approach to mitigate and manage the risks to these tasks.

5.3.1.3 Part C – Design-Build Project Team

For the DBT to be eligible for selection, the Lead Contractor and Team members performing major items of work must be prequalified as stated previously in the instructions. **The Lead Contractor and Lead Design Consultant firm shall only be allowed to participate on the one team for which they are designated as Leads for this project. KYTC reserves the right to disqualify any Team that does not adhere to this requirement.**

For the DBT to be eligible for selection, either the prime or a sub-consultant 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 sub-consultant(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 sub-consultant 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 sub-consultant 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 sub-consultants, all named firms that will be performing work (including those firms identified in association with Section 4.1.2 of the SOQ 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 – 4.2.1.3.6 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 D (Section 4.2.1.4). 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.
5. Any unique qualifications.
6. A statement indicating that the individual is currently employed by a member of the Proposer at the time of the SOQ submittal.

Duties may be performed by more than one person. If this is the case, provide information for each person and clarify individual duties. (Note: Part C page count will not be increased.)

Any person proposed as Key Personnel position requiring a Professional Engineering license who is not a Kentucky P.E. at SOQ submission may be proposed if 1) the person is licensed in another state and 2) submits a commitment in the SOQ to becoming licensed in Kentucky prior to Award. All persons proposed as key personnel shall remain committed to the project as identified by the DBT. The Department reserves the right to reject any changes in personnel with the exceptions of death or departure from the firm.

5.3.1.3.1 DBT Project Manager

The DBT Project Manager shall be ultimately responsible for the Proposer's performance. Ensures that personnel and other resources are made available. Responsible for contractual matters. This position is required for the duration of all design and construction-related activities on the Project.

5.3.1.3.2 DBT Design Project Manager

The DBT Design Project Manager shall be responsible for actively managing the overall design of the project. Responsible for overall design of the project inclusive of all structures and structural elements (bridge substructures and superstructures, retaining walls) and roadway/highway items (alignment, drainage, pavement, signing, lighting, traffic signals, maintenance of traffic, etc.) Must be a KY P.E. at the time of Award. The DBT Design Project Manager shall have a minimum of ten years of experience on major highway projects.

5.3.1.3.3 DBT Structural Lead (Design)

The DBT Structural Lead shall be responsible for overall design of structures and structural elements. Responsible to ensure that all requirements of the design for all structural elements on the Project, including bridges, box culverts, walls, and foundations are met. This DBT Structural Lead shall have no less than 10 years of experience in design of highway bridges, culverts, walls and foundations for new construction and rehabilitation or widening projects. Must be a KY P.E. at time of award. This position is required for the duration of all structure design-related activities on the Project.

5.3.1.3.4 DBT Geotechnical Lead (Design and Construction)

The DBT Geotechnical Lead shall be responsible for all geotechnical investigations and reports needed by the DBT for design of the project. This DBT Geotechnical Lead shall have no less than 10 years of experience in design of foundations, slopes and retaining walls for new construction and rehabilitation or widening projects. Must be a KY P.E. at time of award. This position is required for the duration of all design-related activities on the Project as well as be available to address any construction related geotechnical issues that may occur.

5.3.1.3.5 DBT Roadway and Maintenance of Traffic Lead (Design)

The DBT Roadway and Maintenance of Traffic (MOT) Lead shall be responsible for meeting the design requirements of the Contract Documents for all roadway and MOT elements on the Project, including railroad coordination. The DBT Roadway/MOT Lead shall have 10 years of experience working in a similar capacity on major highway projects with complex roadway design. Must be a KY P.E. at the time of Award. This position is required for the duration of the roadway design-related activities on the Project as well as be available to address any construction related MOT issues that may occur.

5.3.1.3.6 DBT Utility Relocation Manager

The DBT Utility Relocation Manager shall be ultimately responsible for the coordination of design and construction of any utility relocations necessary to complete the project. The DBT Utility Relocation Manager shall have 10 years of relevant experience in utility relocation and possess any licenses or certifications required for the same.

5.3.1.3.7 DBT Construction Manager

The DBT Construction Project Manager actively manages the overall construction of the project. Must be an employee of the Lead Contractor. Responsible for overall construction inclusive of all structures and structural elements (bridge substructure and superstructure, retaining walls) and roadway items (alignment,

drainage, pavement, lighting, traffic signals, signage maintenance of traffic, etc.). The DBT Construction Manager shall have ten years of experience working in a similar capacity on major highway projects. The DBT Construction Project Manager shall be located in the field office on a full-time basis for the construction duration of the Project unless modification is requested by the DBT and approved by KYTC in its sole discretion.

5.3.1.4 Part D – Capabilities and Relevant Experience

Provide specific information as it relates to previous project experience, available resources, and anticipated design/construction methods. Include submission of Form A.

5.3.1.4.1 Project Management Methodologies

This section should include details describing the following:

- A. How the Proposer will coordinate with stakeholders (Louisville Metro, Distribution Companies, Railroads, and Utility Companies, etc.).
- 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.

5.3.1.4.2 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. Utility coordination and utility design elements included in the project
- D. Timely completion of projects of similar scope and complexity.

- E.* Proposed Key Personnel members' roles with the project, if applicable.
- F.* 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.

5.4 SOQ REVIEW AND SHORT-LISTING PROCESS

SOQs will be evaluated by a SOQ Technical Evaluation Team that consists of Department representatives from KYTC District 5 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.

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 a 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.

For each of the ranking topics, the SOQ Technical Evaluation Team will determine the highest ranked Proposer within each ranking topic, with the highest ranked Proposer receiving the maximum number of points. Lower ranked Proposers will receive commensurately lower rankings based on a relative comparison to the highest ranked Proposer. Evaluations and rankings will consider Department identified strengths, weaknesses, and committed betterments found within the SOQ.

The Department may request the Proposer to affirm an identified **committed betterment** found within the SOQ. This affirmation request will be made in writing to the Proposer prior to final rankings. If an affirmation request is made by the Department, the Proposer shall respond in writing within 48hrs either confirming the Department’s understanding or clarifying the intent. Any response to the affirmation request may not expound upon the information within the SOQ.

The rankings will be based on the information provided by the Proposer within the SOQ, independent investigation of any information, prior experiences with the Proposer by the Department, existing public information, and evaluation information obtained from the owners of previous projects.

The Technical Evaluation Team will present the findings, rankings, and shall make a recommendation to the Executive Level Evaluation Team. This Executive Level Evaluation Team will consist of designees of:

- A. KYTC Deputy Secretary
- B. KYTC State Highway Engineer
- C. KYTC Assistant State Highway Engineer (Project Development)
- D. KYTC Assistant State Highway Engineer (Project Delivery & Preservation)
- E. KYTC District 5 Chief District Engineer

The Executive Level Evaluation Team will examine the Technical Level Evaluation Team's findings and will render ultimate selection of the Short-listed Proposers with concurrence from the Technical SOQ Evaluation Team. The Executive Level Evaluation Team will short-list up to 3 DBTs.

The Deputy Secretary has final authority to determine the best interests of the Department in selection of the Short-listed Proposers.

Index of Attachments

1. Project Location Map
2. Form A for SOQ

Design Build Project: I-265 / I-71 / I-64

- ◆ 05-483: Widening and Reconstruction of I-71 from I-265 to KY 329
- ◆ 05-539: Modifications to the I-265 / I-71 Interchange
- ◆ 05-537: Widening I-265 from KY 155 (Taylorsville Road) to I-71
- ◆ 05-549: Reconstruction of the I-265 / I-64 Interchange

