

# WHAT YOU NEED TO KNOW ABOUT PROCUREMENT



## Overview

The Bridging Kentucky Program will produce a range of construction packages and delivery options over the next few years. Bridge rehabilitation and replacement projects will use:

- Bundled groups of bridges for traditional design-bid-build delivery
- Bundled groups of bridges for design-build delivery
- Limited individual bridge contracts for traditional design-bid-build delivery

Contracting opportunities will be advertised as other Kentucky Transportation Cabinet projects on KYTC's Division of Construction Procurement website at <https://transportation.ky.gov/Construction-Procurement/Pages/default.aspx>.

## Bundles and Design-Build

The number of bridges included in bundled contracts is still being considered by KYTC and will be determined based in part on feedback from the contracting community. Please complete the questionnaire in your packet to help inform planning and pre-construction activities.

Design-build bundled contracts will be used in some cases to maximize efficiency and promote innovation. Typically, these bundles will include bridges in a contiguous geographic area, similar types of spans or both.

The Request for Proposals will generally include preliminary bridge site plans identifying the minimum structure requirements and completed environmental documents and permits within a pre-defined "footprint." Easements and right-of-way acquisitions will be complete to expedite and streamline work. The Contractor may be responsible, however, for additional environmental clearance activities and acquiring additional easements or permanent right-of-way outside of established footprints.

## Project Types

**Replacement projects** The scope will generally be limited to removal of the existing bridge and construction of a new bridge in the same location with minimal approach roadway work. Temporary low-water crossing detours may be used for projects with lengthy detours or no available detour.

**Rehabilitation projects** The scope will focus on repairing the deteriorated structural elements to meet standards that allow the lifting of weight limit restrictions. Beyond addressing deterioration, the projects generally fall into three categories:

- Rehabilitation-only projects for bridges in poor condition that do not have weight limit restrictions;
- Superstructure strengthening rehabilitation projects that increase capacity of bridge features to remove weight limit restrictions; and
- Superstructure replacement rehabilitation projects that require a new superstructure to eliminate weight limit restrictions.

## Requirements for Contractors and Subcontractors

Prequalification: Prospective contractors must be prequalified with KYTC to participate. A list of prequalification areas is listed at the end of this document.

Certificate of Eligibility: Contractors must submit the Application for Certificate of Eligibility (KYTC Form TC 14-1). Information related to prequalification application procedures and categories is located here: <https://transportation.ky.gov/Construction-Procurement/Pages/Prequalification.aspx>.

## Requirements for Consulting Engineers

Consulting engineering firms interested in Design-Build contracts must be prequalified by KYTC's Division of Professional Services for the type of work performed. Information is included on the Division's website: <https://transportation.ky.gov/ProfessionalServices/Pages/Prequalification-Application-and-Instructions.aspx>.

## Requirements for Suppliers and Vendors

The Bridging Kentucky Program requires certain products and materials to be included on KYTC Division of Materials' "List of Approved Materials." The list also includes sources of products and materials. Any manufacturer or supplier who seeks to add items to the approved list should follow procedures for each type of material here: <https://transportation.ky.gov/Materials/pages/List-Of-Approved-Materials.aspx>.

For more information, contact: Allen Myers, PE Director, Division of Materials, Kentucky Transportation Cabinet, 1227 Wilkinson Blvd., Frankfort, KY 40601 Phone: 502-564-3160 Email: [Allen.Myers@ky.gov](mailto:Allen.Myers@ky.gov)

## Connecting with Potential Teammates

KYTC encourages prospective participants to develop teams in anticipation of coming procurement opportunities. KYTC maintains a list of prequalified contractors and subcontractors on its website: <https://transportation.ky.gov/Construction-Procurement/Documents/Prequalified%20Contractors%20List.pdf>.

## Prequalification Work Item List

- |  |  |                                     |
|--|--|-------------------------------------|
| <b>E1</b> BRIDGES NOT MORE THAN 70 FT. CLEAR SPAN  | <b>I28</b> CONCRETE REPAIRS                | <b>J71</b> GEOTECHNICAL DRILLING    |
| <b>E2</b> BRIDGES NOT MORE THAN 100 FT. CLEAR SPAN | <b>I33</b> UTILITIES                       | <b>J75</b> POLYMER BRIDGE OVERLAY   |
| <b>E3</b> BRIDGES 100 FT. CLEAR SPAN AND OVER      | <b>I37</b> TRAFFIC CONTROL                 | <b>J77</b> GABION BASKETS           |
| <b>I16</b> BRIDGE REPAIR                           | <b>I42</b> HYDRODEMOLITION OF BRIDGE DECKS | <b>J81</b> CONCRETE PATCHING        |
| <b>I17</b> BRIDGE DECK REPAIR                      | <b>I59</b> COVERED TIMBER BRIDGES          | <b>J82</b> CARBON FIBER BRIDGE WRAP |
| <b>I18A</b> BRIDGE PAINTING - LEVEL A              | <b>I64</b> ASBESTOS REMOVAL                |                                     |
| <b>I18B</b> BRIDGE PAINTING - LEVEL B              | <b>I65</b> SHORING                         |                                     |
| <b>I18C</b> BRIDGE PAINTING - LEVEL C              | <b>I91</b> EPOXY INJECTION & REPAIRS       |                                     |
| <b>I19</b> STEEL ERECTION                          | <b>J28</b> EXPANSION JOINTS                |                                     |
| <b>I20</b> TYING STEEL REINFORCEMENT               | <b>J47</b> MACHINE PREP. OF EXISTING SLAB  |                                     |
| <b>I21</b> FURNISH AND DRIVE PILING                | <b>J56</b> STAY IN PLACE BRIDGE FORMS      |                                     |
| <b>I27</b> DEMOLITION                              | <b>J57</b> CRACK SEALING                   |                                     |
|  | <b>J62</b> MASONRY COATING                 |                                     |

