

Digital Project Delivery, Coordination with ACEC – Open Invitation to Consultant Engineering Firms

NOTICE:

As a part of KYTC's Digital Project Delivery (DPD) Initiative, the Cabinet is inviting Consultants and Project Managers to participate in a limited pilot program using existing KYTC projects and active consultant engineering contracts. This notice **does not** constitute a Request for Proposals for a Professional Service Contract.

Objectives:

- Demonstrate DPD innovation within existing KYTC processes using an existing project, with an emphasis on transferring design intent and project control from Project Development to Construction.
- Identify opportunities for updating design and construction workflows to improve efficiency.
- Explore tools that facilitate information exchange, collaboration, and the administration of design and construction projects.

The outcomes of pilot projects will influence KYTC policy changes and the agency's future implementation of Digital Project Delivery/BIM for Infrastructure. Interested consultants should prepare a two-page (A4 size) project summary that includes the following information:

1. Project Identification
 - Item Number, county, route, and project type.
2. Letting date (if one has been established)
 - Fall 2021 letting is preferred, but this criterion for pilot selection is flexible.
3. A statement of the current project status
4. KYTC Project Manager's (PM) name and a statement from the PM verifying that they support using the project as a pilot
 - Without PM support, pilots **will not** be considered for selection.
5. Experience with delivery of digital projects
 - Indicate level of experience on delivering digital projects.
 - Explain how the proposed project will be a good pilot for the Cabinet.
 - Discuss how the pilot exemplifies the use of proposed (as designed) Electronic Engineering Data (EED) to support construction project inspection and contract management.
6. Proposed scale of pilot work
 - Explain how the scope will be determined and if the work can fall under the scope of the current design contract.
 - If additional costs are anticipated, provide an estimate of the scale of that cost.
7. Recommended plan for pilot coordination and project-level implementation
 - Provide a brief implementation proposal for the project.
 - How will the pilot capture any challenges met and recommended solutions?
 - What level of proficiency will be needed among likely bidders - so they can successfully use the digital project data to fulfill their construction contract on this KYTC project?

Please send all requested information to Kevin Martin (Kevin.Martin@ky.gov) and Rachel Catchings, Kentucky Transportation Center (Rachel.Catchings@uky.edu), by **January 1, 2021**. Submissions will be reviewed by a KYTC interdisciplinary team. The team will then make project selections. KYTC has not established the number of projects that will be selected, but depending on responses, up to six are

anticipated. The KYTC PM will notify consultants if their project will be used as a pilot. Virtual meetings will be held with the selected pilot project teams to flesh out additional details.