FY 17 Design-Build Bridge Replacement Projects

Date: November 2, 2016

**Disclaimer:**

* Please be advised that this information is preliminary and is provided for information only. All final scope requirements will be included in the Request for Proposals (RFP).

**Project Information:**

* Approximately 14 off-system Bridges will be replaced using State funds and using the Design-Build delivery method.
* It is anticipated that:
  + The Two Phase Low Bid selection method will be used to procure this project.
  + Two (2) RFPs will be advertised.
  + The RFPs will include two (2) “batches” of between six (6) to eight (8) Bridge replacement projects per each “batch.”
  + Two (2) different Design-Build contracts will be awarded in total.
* The FY 17 draft Bridge list is available on the Design-Build Sharepoint site. However, this list is subject to change once additional data is gathered.

**Environmental:**

* GEPA Special Study documents will be required.
* The Department will perform environmental screening of each Bridge replacement location. This information will be included in the RFP.
* The Department will coordinate the approval of the GEPA Special Study documents after the awarded Design-Build teams submit construction plans. The RFP will include environmental review durations.

**Permitting:**

* The Design-Build team will be responsible for applicable environmental permits.
* The Department is evaluating if the Design-Build team or the Department is best suited to acquire any mitigation credits. The responsible entity will be included in the RFP.
* All site erosion control BMP’s, including obtaining any Stream Buffer Variance, will be the responsibility of the Design-Build team.

**Geotechnical Scope of Work:**

* The Department will obtain geotechnical boring samples at each Bridge replacement location. Boring logs will be included in the RFP.
* The Department will provide readily available geotechnical information, e.g. existing Bridge Foundation Investigate (BFI) report, in the RFP.
* The Design-Build team will be responsible for preparing final Bridge Foundation Investigate (BFI) reports.

**Pavement Design:**

* The Department will provide the pavement typical section.

**Critical Path Method:**

* The Department anticipates using a Critical Path Method (CPM) schedule requirement for this project.

**Hydraulics**

* The Department will perform a hydraulic screening of each Bridge replacement location. This information such as assumptions to base hydraulic openings upon will be included in the RFP.

**Utilities:**

* All Design-Build projects at the Department are Public Interest Determination (PID).
* The Department will obtain SUE QL-D information each Bridge replacement location.
* The Department will obtain executed Memorandums of Understanding (MOU) from each utility owner and will include in the RFP.

**Survey Scope of Work:**

* The Department is obtaining a survey database at the bridge site locations. All survey database information will be included in the RFP.

**Traffic Control Scope of Work:**

* It is anticipated that an off-site detour will be permitted to construct each Bridge replacement. The Department will evaluate each location to determine a reasonable duration to perform all work which may range from 90 to 150 calendar days. The duration of the off-site detour at each location will be included in the RFP.

**Right-of-Way Scope of Work:**

* The Department anticipates that no ROW will be required to perform the work.
* The Department will evaluate each location to verify that adequate ROW is available to perform the work.

**Additional Comment:**

* The Department is evaluating submittal requirements, and will only include those requirements necessary to permit and build each Bridge replacement. Submittal requirements will be included in the RFP.
* The Department is evaluating submittal review times as part of an effort to help support the Department’s expedited delivery goal.
* The Department is evaluating potential Design Variance(s) at each Bridge replacement location. Any allowable Design Variance(s) will be included in the RFP.