



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

February 13, 2014

CALL NO. 200
CONTRACT ID NO. 141003
ADDENDUM # 2

Subject: Livingston-McCracken Counties, STP BRO 0601 (178)
Letting February 21, 2014

(1)Added - Special Notes - Pages 24(a)-24(c) of 140

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



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LEDBETTER BRIDGE DEMO-CONTRACTOR COMMITMENTS

- The construction inspectors will monitor the river stage during construction to determine if the 2-year storm has been exceeded in the river.
- Any terrestrial staging areas which may be needed by the contractor will be within the existing right-of-way limits. No temporary construction easements will be required.
- The existing navigation channel must remain clear at all times.
- The construction of a causeway in the river is not allowed.
- Temporary docks must be pile supported.
- The steel portion of the truss shall be removed by lifting or lowering methods.
- The contractor is not allowed to "drop" either a portion of, or entire truss spans and concrete deck, into the water by any means.
- The contractor shall take necessary measures to prevent any debris from falling in the water.
- The contractor is not permitted to use explosives.
- The piers shall be removed without the use of explosives.
- The contractor shall contain all debris on the river bottom to an area limited to 2,100 square feet at each channel pier (piers A, B, C, and D) by use of a cofferdam. The contractor shall use POLYfloc 1110 (GE product, MSDS label attached) or an equivalent flocculant that meets the same toxicology parameters and concentration levels should not exceed 15 mg/L.
- The details and requirements for the removal of debris within the cofferdam is included on the attached document.
- The contractor shall perform piers A and D removal from the sides of the pier away from the river and within the confines of the cofferdam.
- The staging/mooring of barges is prohibited from the bank to 200 feet from the bank. The staging/mooring of barges is permitted between 200 feet from the bank to near the navigation channel. To protect aquatic life, no tug activity is allowed within 75 feet of the banks
- Disturbed areas to be seeded with native vegetation at the completion of construction of a particular area.
- Wooded areas will be re-planted with swamp white oak, white oak, sycamore, shagbark hickory, and shellbark hickory after construction.
- Appropriate stock of straw ECB or straw shall be available onsite at all times.
- Straw ECB or seeding mulched with blown straw followed by crimping shall be applied within 7 days of the cessation of the land disturbing activity.
- If blown straw is used, the blower and crimping equipment shall be kept on-site during land disturbing activities.
- Disturbed areas shall be stabilized prior to a forecasted rain event.
- EPSC/SWPPP inspections will be performed at least twice a week.
- Sediment control BMPs will be maintained when the sediment reaches 1/3 the depth of the BMP.

SPECIAL NOTE FOR COFFERDAM CLEANUP

Prior to removal of the cofferdams, demolition debris within the cofferdam shall be removed to the extent practicable. This shall include any concrete or steel that may have fallen during removal of the piers as well as fines that will have accumulated within the structure as a result of wire sawing operations. Removal of materials shall be accomplished by a minimum three step process. Transfer of materials between the cofferdam and barge shall be accomplished in a manner that shall minimize loss of contents into the river. Materials removed shall be placed within water-tight containment to prevent discharge to the river.

Material removal shall be accomplished as follows:

- 1) The initial removal shall be accomplished using clam buckets, or other approved method. Materials removed shall be placed on a barge for disposal.
- 2) Following the initial removal, flocculant shall be added to the cofferdam to promote settling of suspended solids. The flocculant shall meet the criteria defined below. Flocculant application shall be in strict accordance with the manufacturer's specifications. Sufficient time shall be provided to promote complete reaction of the agent and maximum removal of suspended solids. Clam buckets, or other approved method, shall again be used to remove settled fines from the base of the cofferdam and placement on a barge.
- 3) After removal of fines, the water within the cofferdam shall be allowed to settle and a second removal shall occur. Additional flocculant shall be used, as appropriate and in accordance with manufacturer's specifications.
- 4) Step 3 shall be repeated until such time as clamming no longer appreciably yields additional demolition debris.

Material placed on the barge shall be removed to the upland location identified on the plans for disposal. Transfer and transport of the barge contents shall be accomplished in a manner that prevents discharge of any materials into the river and any loss of content on the travelled way. By either excavating, berming or combination thereof, the Contractor shall create a pit of adequate size to contain all contents removed from the cofferdam and prevent discharge of any water or loss of materials. The Contractor shall be responsible for obtaining all required permits from the Kentucky Division of Waste Management for the disposal. An alternative location for the disposal may be selected by the Contractor only after securing concurrence with KYTC and addressing all appropriate permitting requirements for the area. The Contractor shall identify the proposed alternative location for KYTC a minimum of ten days prior to its intended use.

The contents shall be emptied into the pit in a controlled manner that prevents any surface water discharge. To promote drying of the material and to prevent surface water discharge from precipitation, the Contractor may wish to cover the pit with tarp or other material. Once the pit contents are sufficiently de-watered, the excavation shall be covered with a minimum of one foot of clean soil.

The Contractor shall be responsible for any permits for the pit as may be required by state and federal agencies. This may include, but is not limited to, KYR10 storm water permit from the Kentucky Division of Water and permit-by-rule or registered permit-by-rule issued by the Kentucky Division of Waste Management. Appropriate sediment and erosion control measures shall be implemented at the site in accordance with the Specifications.

Flocculant:

The flocculant used for cofferdam treatment shall meet the toxicology parameters of POLYfloc 1110 (GE product, MSDS label attached), specifically the non-toxicity to Daphnia and scaleless fish, and the concentration be between 5 and 15 mg/L. The Contractor shall strictly adhere to manufacturer's recommendations for application of the flocculant and shall avoid overtreatment.