

DETERMINATION DECISION MEMO

Rehabilitate Peck's Pond Dam

Delaware State Forest

Project Number: 141-12

Location: Pike County

Project Allocation: \$ 6,000,000

Est. Construction Duration: 300 Calendar Days

DETERMINATION REGARDING THE USE OF THE REQUEST FOR PROPOSAL (RFP) METHOD OF PROCUREMENT

The scope for this high hazard dam project involves installation of a new spillway and low level outlet, installation of a new earth and concrete embankment section within the existing dam spillway, installation of a new concrete section as overtopping protection for the existing masonry portion of the dam designated to remain, and leveling and widening of the existing earth embankment to the north of the dam structure. The scope also includes removing the existing timber pedestrian bridge and masonry abutments and pier and the installation of a new timber pedestrian bridge with new cast-in-place concrete abutments. Miscellaneous site work and improvements associated with the dam rehabilitation and bridge replacement as indicated on the drawings is also included in the project.

In addition to the particular aspects of dam construction noted above, the following additional factors will have to be addressed:

- This work will generate considerable fill, which will have to be properly managed.
- The work will have to be performed in a remote area with very limited laydown areas. There are leased cabins in the immediate vicinity and no tree clearing or disruption of wetlands is permitted to occur.
- The project requires a contractor familiar with lake draw down procedures and water diversion controls.
- The project encompasses waterproof concrete, preserving an existing stone masonry dam and waterstop installation.
- The spillway requires skill in placing curved concrete.

- Reconstruction must include re-use of the stone masonry from the existing dam to provide the historical appearance required by PHMC.
- The bridge is an historical bridge that is eligible for historical registration.

The above factors demonstrate the unique construction considerations on this project, which requires specific contractor knowledge, skill and experience to safely and successfully complete the project work. Consequently, it is not practical or advantageous to use the competitive sealed bidding process because the low bid approach does not allow the Commonwealth to consider the specific factors presented herein and cost in the award process in a timely manner.



Deputy Secretary for Public Works

4-17-18
Date