

DETERMINATION DECISION MEMO

Game Commission – Rehabilitate Siegel Marsh Dam Project

Project Number: 200-61 Phase 1 Location: Erie County

Est. Construction Duration: 365 Calendar Days

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

The Siegel Marsh Dam was constructed in 1958 and needs to be improved and rehabilitated to meet current engineering standards of practice and comply with applicable state regulations and federal guidance. The use of the standard competitive sealed bid process for the General Contractor's scope of work for the facility is not practical or advantageous to the Commonwealth. Specifically:

- Rehabilitating the dam requires active flows to be conveyed through and around the project area using diversion and/or bypass pumping techniques. It will be advantageous to evaluate contractor experience related to control of water on similar projects.
- The project requires Rolled Compacted Concrete (RCC) overtopping protection to be installed along the entire length of the embankment. A contractor with demonstrated prior RCC production and installation experience would benefit this project.
- The project involves rehabilitation of a dam consisting of a new labyrinth spillway, intake/drawdown structure. Labyrinth spillways rely on complex, repetitive geometric planforms to achieve increased effective crest length. It is advantageous to the Commonwealth to evaluate the contractor's experience with forming and placing reinforced concrete with tight horizontal and vertical tolerances within fractions of an inch to maintain hydraulic performance; the ability to execute nonlinear wall alignments, sharp angles, and uniform crest elevations across multiple cycles; and, their experience with specialized formwork systems suitable for repetitive, high-accuracy placements.
- The project requires sequencing the work to manage varying stream flow conditions while maintaining embankment stability during excavation and concrete placement. Comprehensive quality control programs specific to hydraulic structures, including concrete placement, curing, and joint installation are also essential. The Commonwealth will benefit from evaluating the contractor's past experiences with this type of work.

- It will be advantageous to evaluate contractors past performance in construction of these types of structures.

The above factors demonstrate unique construction considerations on this project, which require specific contractor knowledge, skill, and experience to safely and successfully complete the rehabilitation to the Siegel marsh Dam. Consequently, it is not practical or advantageous to use the competitive sealed bidding process for the General Contract because the low bid approach does not allow the Commonwealth to consider the specific factors presented herein, along with the cost, in the award process.



Deputy Secretary for Capital Programs

1/21/2026

Date