

# Invitation to Bid

**Bid Due Date:** Friday, November 20<sup>th</sup>, 2020 by 4:00 pm

**Project Location:** Pioneer Park  
1849 State Hwy 2  
Shenandoah, IA 51601

**Project Description:** Complete renovation of the pond at Pioneer Park. Project includes the following:

- Breaching of current outflow pipe to be patched at end of renovation.
- Removal/dredging of approximately 750,000 cubic feet of sediment to deepen and reshape the pond.
- Construction of an earthen dam approximately 10' x 130' to create a sediment collection basin in the northern 0.25 acres of the pond. Outflow tube will need to be installed in this dam to allow surface water to flow from the basin to main pond. Both sides will need to be armored
- Construction of a 50' x 70' earthen fishing jetty, 3:1 slope, armored at least 2 feet above and below water level
- Construction of gravel spawning areas and a "rock reef" (see additional information).

**Project needs to be completed by November 30<sup>th</sup>, 2021.**

**Submission of Bids:** Please submit/mail bids to the following address:  
Page County Conservation Board  
Ref: Pioneer Renovation  
2039 Highway 71  
Clarinda, IA 51632

**Bid Documents/Instructions:** Please include company information and estimate(s) for project, as well as proof of liability insurance. Bids may not be modified, withdrawn, or cancelled by bidder after receipt by Page County Conservation.

**All questions pertaining to the bid can be directed to:**  
John Schwab – [johnschwab@co.page.ia.us](mailto:johnschwab@co.page.ia.us) (712) 370-1157

### Additional Information

\*Armouring of the dam and jetty **cannot** be done with rip-rap (i.e. broken concrete/cement). It must be rock to be in accordance with DNR guidelines.

\*The current water level is down approximately 2 feet in the pond, and Page County Conservation will continue to keep it at this level or lower. There is approximately 6-7 feet of sediment that would need to be removed from the outlet pipe before it could be breached. Breaching the pipe from the inside is a possibility but it is feared that this could cause sediment from the pond to block the outlet tube. The dam/road cannot be breached due to park utilities being located under the road.

\*Sides and front of fishing jetty need to be at a 3:1 slope at least. Earthen dam does not have a slop requirement, but needs to be stable enough to allow for heavy equipment to cross

\*Gravel spawning beds consist to small, round rock placed in a bed along the pond bottom (approximately 8-10 inches deep)

\*Rock Reef consists of a rectangular frame of large rock that will enclose an area covered in smaller rocks/gravel.

\*All other structures (ceder trees and catfish structures) will be provided by and installed by Page County Conservation

\*Currently, the pond has a mean depth of around 2 feet with the deepest portion being around 4 feet. As shown in the attached picture, we are looking at deepening the pond to be approximately 8-10 feet in the center and tapering up (see attached diagram).

\*All sediment not used in the reconsruction would need to be removed from the park and disposed of

The park is open all year, so please feel free to visit the site if you wish. There will be a scheduled site visit on Thursday, November 12<sup>th</sup>, 2020 at 9:00am at Pioneer Park during which time conservation personnel will be on site to answer any questions.

