

**PENNSYLVANIA GAME COMMISSION (PGC)
PREFABRICATED BRIDGE – UNT TO PORCUPINE HOLLOW
STATE GAME LANDS #311
BENEZETTE TOWNSHIP, ELK COUNTY**

OCTOBER 19, 2023

SCOPE: The Pennsylvania Game Commission (PGC) is requesting bids for supplying and installing a prefabricated bridge over an UNT to Porcupine Hollow on State Game Lands #311 in Benezette Township, Elk County. The bridge will be set on cast-in-place concrete abutments which are to be constructed by the PGC. The abutments will be 4' x 4' x 14' reinforced concrete with steel bearing plates and/or anchors installed according to the bridge manufacturer's instructions. The bridge will be set along a stabilized roadway on the Game Lands. The bridge will be delivered and installed by the supplier on the project site. The PGC will have the area graded and prepared for installation of the bridge. The site is approximately 1 mile from a paved public road (Winslow Hill Road). The bridge shall have a 100-foot overall span length (96-foot between center of bearings), a 14-foot minimum width between guide rails, and shall conform to the following requirements:

- 1) HS25-44 Vehicular Load Capacity
- 2) 45-ton, 5 axle combination vehicles
- 3) The bridge is to be designed in accordance with the AASHTO Standard Specification for Highway Bridges using load factor methodology.
- 4) Treated nail laminated, S.Y.P deck system with 2" x 6" Pressure Treated Wood Decking attached to the steel beams with galvanized or stainless-steel clips/fasteners. Pressure treatment shall be at least "ground contact."
- 5) 10 MPH Speed Restriction for bridge design
- 6) All steel construction using 100% weathering steel (ASTM A588 and ASTM A847 tubing)
- 7) Wide flange steel bearing stringers (gauge compatible with bearing load)
- 8) Full dimension steel end plates (back walls) of minimum 3/8" thick steel provided at both ends to eliminate the need for a backwall on the concrete abutments.
- 9) Full length guide railing on both sides of bridge, minimum 27 inches above deck level.
- 10) Painting of the steel components of the bridge is not required.
- 11) Bridge must be longitudinally hinged or of modular construction, for transport on common carrier.
- 12) Bridge fabricator shall have at least five years of experience in the design and fabrication of bridges and be able to demonstrate successful completion of three projects of similar size/scope/complexity. The PGC reserves the right to request information on company history/experience, profiles of similar projects and references from the low bidder.

Note: The successful vendor shall include the following information with the bridge prior to acceptance of design: Shop Drawings and a letter of design certification with calculations by a structural engineer registered in the Commonwealth of Pennsylvania, shall be submitted certifying the design capacity of the proposed span. Ease of erection and transport, and long-term durability shall also be considered in evaluating the suitability of proposed alternatives.

APPLICABLE ACTS: The bidder shall comply with the following acts.

1. **Steel Products Procurement Act**

In accordance with the Act of March 3, 1978 (P.L. 6, No. 3), as amended, known as the “Steel Products Procurement Act” (73 P.S. Section 1881 et seq.), the Contractor, subcontractors, material men, or suppliers shall use only steel products produced in the United States. “Steel products” mean products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated, or otherwise similarly processed by a combination of two or more of such operations, from steel made in the United States by the open hearth, basic oxygen, electric furnace, Bessemer, or other steel making process, including cast iron products. With each shipment of steel or cast-iron products delivered to the project site, the Contractor shall provide evidence to the Game Commission’s field representative that such steel products comply with the Act. When Unidentified Steel Products are supplied, the Contractor must provide documentation which includes, but is not limited to invoices, bills of lading, and mill certification that the steel was melted and manufactured in the United States, which establishes that the Contractor has fully complied with the Act. If a steel product is identifiable from its face, the Contractor must provide certification that it has fully complied with the Act.

The definition of steel products shall include machinery and equipment listed in United States Department of Commerce Standard Industrial Classification 25 (furniture and fixture), 35 (machinery, except electrical) and 37 (transportation equipment) and made of, fabricated from, or containing steel components. If a product contains both foreign and United States steel, such product shall be determined to be a United States steel product only if at least 75% of the cost of the articles, materials and supplies have been mined, produced or manufactured, as the case may be, in the United States. Transportation equipment shall be determined to be a United States steel product if it complies with Section 165 of Public Law 97-424 (96 Stat. 2136).

The PGC shall not provide for, or make any payments to, any person who has not complied with the Act. Any such payments made to any person by the PGC which should not have been made because of the Act shall be recoverable directly from the Contractor or subcontractor who did not comply with the Act. In addition to the above penalties, any person who willfully violates the provisions of the Act shall be subject to other penalties outlined in the Act.

2. Trade Practices Act

In accordance with the Act of July 23, 1968 (P.L. 686, No. 226), as amended, known as the "Trade Practices Act" (71 P.S. Section 773.101 et seq.) the Contractor shall not use or permit to be used in the work any aluminum or steel products made in a foreign country which is listed below as a foreign country which discriminates against aluminum or steel products manufactured in Pennsylvania. The countries of Brazil, Spain, South Korea, and Argentina have been found to discriminate against certain products manufactured in Pennsylvania. Therefore, the use of those countries' products, as listed below, is not permitted:

- a. Brazil: welded carbon steel pipes and tubes; carbon steel wire rod; tool steel; certain stainless-steel products including hot-rolled stainless-steel bar; stainless steel wire rod and cold-formed stainless-steel bar; prestressed concrete steel wire strand; hot-rolled carbon steel plate in coil; hot-rolled carbon steel sheet; and cold-rolled carbon steel sheet.
- b. Spain: certain stainless-steel products, including stainless steel wire rod, hot-rolled stainless-steel bars, and cold-formed stainless-steel bars; prestressed concrete steel wire strand; and certain steel products including hot-rolled steel plate, cold-rolled carbon steel plate, carbon steel structural shapes, galvanized carbon steel sheet, hot-rolled carbon steel bars, and cold-formed carbon steel bars.
- c. South Korea: welded carbon steel pipes and tubes; hot-rolled carbon steel plate; hot-rolled carbon steel sheet; and galvanized steel sheet.
- d. Argentina: carbon steel wire rod and cold-rolled carbon steel sheet.

Penalties for violation of this paragraph may be found in the Trade Practices Act, which penalties include becoming ineligible for public works contracts for a period of three (3) years. This paragraph in no way relieves the Contractor of responsibility to comply with the provisions of the Steel Products Procurement Act described herein.

SAP VENDOR NUMBER: All vendors who conduct business with the Pennsylvania Game Commission must have a Vendor No. assigned to them to receive payment from the Commonwealth. To apply for a Vendor No., the Vendor can register online at www.pasupplierportal.state.pa.us. If the vendor does not have internet access, please call the Department of General Services Customer Service Center at 1-877-435-7363 and the proper forms will be mailed.