

**PENNSYLVANIA GAME COMMISSION (PGC)  
STEEL BRIDGE BEAM DELIVERY – UNNAMED TRIBUTARY  
TO BIGGER RUN  
STATE GAME LANDS #014  
SHIPPEN TOWNSHIP, CAMERON COUNTY**

**JANUARY 12, 2024**

**SCOPE:** The Pennsylvania Game Commission (PGC) is requesting bids for supplying and delivering steel beams and diaphragms to the project location on State Game Lands #014 in Shippen Township, Cameron County. The beams will be used for a bridge over an UNT to Bigger run; the remaining portion of the bridge will be constructed by the PGC. The bridge will be set along a stabilized roadway on the Game Lands. The PGC will have the area graded and prepared for the delivery of the beams. The site is approximately 4 miles from a paved public road (East Hicks Run Road). The vendor is responsible for delivery and offloading the beams and diaphragms within 300' of the project site. There shall be six (6) beams at sixty-five (65) feet in length and shall conform to the following requirements:

- 1) The structure is designed for HL93 loading.
  - a. Design shall incorporate 10 mph speed restrictions.
  - b. Live load deflection shall be limited to  $L/360$  and designed to LFRD specifications.
- 2) Beams shall be W27x84 with two diaphragm lines at 1/3 points.
  - a. Diaphragms shall consist of MC18x42.7 channels bolted to beam stiffeners.
- 3) The bridge is to be designed in accordance with the AASHTO Standard Specification for Highway Bridges using load factor methodology.
- 4) Either ASTM588 steel (100% weathering steel) shall be used, or ASTM572 steel shall be painted with Noxyde Elastomeric Modified Acrylic paint or approved substitute.
  - a. If steel is painted, the following conditions must be met, finish system shall consist of a PennDOT Bulletin 15 approved epoxy primer listed by the Paint Manufacturer as suitable and/or compatible for the topcoat. Paint and methodology shall be applied per the Manufacturer's recommendations.
- 5) Fabricator must have at least five (5) 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.
- 6) All beams shall be of United States origin and constructed from 50 ksi steel.
- 7) Beam and diaphragms construction to be fabricated per supplied drawings and specifications.

Note: The successful vendor shall include the following information with the beams 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](http://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.