

## STATEMENT OF WORK

### FURNISHING OF ONE (1)-40' PREFABRICATED PERMANENT BRIDGE STRUCTURE

Commonwealth of Pennsylvania Department of Conservation and Natural Resources  
Bureau of Forestry - Susquehannock State Forest  
Forest District 15

#### I. SCOPE OF WORK:

The Department of Conservation and Natural Resources (DCNR), Susquehannock State Forest District 15, requires a vendor to fabricate and deliver all materials for one (1), 40' Prefabricated bridge of structural steel in accordance with AISC specifications.

Work will include, but is not limited to, furnishing all materials for the assembly of a bridge.

The unit price shall include all materials necessary for the completion of this contract and for the delivery of materials.

Questions regarding the technical aspects of this bid should be directed to Jesse Monroe at 814.274.3600 or [jmonroe@pa.gov](mailto:jmonroe@pa.gov) Monday through Friday, 7:00 am to 3:00 pm. Questions regarding the bidding or contractual aspects of this bid should be directed to Lynda Cashner at 717.783.4884 or [lcashner@pa.gov](mailto:lcashner@pa.gov).

#### II. CONTRACT TASKS:

- A. Provide one (1) 40' prefabricated bridge as noted in Sub-sections C through E. **Delivery will be completed no later than June 30th.** Installation will be conducted and completed by the DCNR.
- B. The bridge will be delivered to the site with all components shown on the drawings and listed in the specifications.
- C. **Materials must comply with the following minimums:**
  - 1. All steel shall be new, of domestic origin, and of minimum strength as indicated in stringer calculations.
  - 2. Guardrail system shall consist of W6x20# "strong-posts" with longitudinal rails consisting of 4" steel channels. Guardrail system geometry shall meet AASHTO requirements including: 42" height.
  - 3. Finish shall consist of a PennDOT Bulletin 15 approved urethane topcoat applied over two coats of an epoxy primer listed by the paint manufacturer as suitable/compatible for the topcoat. Paint system shall be applied per [paint] manufacturer's recommendations.
- D. **Fabrication:**
  - 1. Fabricate items of structural steel in accordance with AISC specifications.
  - 2. Flame cutting holes or enlarging holes by burning is not permitted.

**E. Bridge fabrication requirements will include the following:**

One 40' Prefabricated Bridge meeting the following specifications:

1. 16' – 0" minimum clear/useable travel width.
2. 40' overall/nominal bridge length.
3. Bridge shall be designed for HL93 loading per the 2016 LRFD Bridge Design Specifications.
  - a. Stringers shall be designed with no speed restriction [full impact loading].
  - b. Design shall incorporate the dead load of a potential/future 3" asphalt overlay.
4. All steel shall be new, of domestic origin, and of minimum strength as indicated in stringer calculations.
5. Welding procedures and personnel shall be qualified per AWS D1.5.
6. 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 abutments.
7. Guardrail system shall consist of W6x20# "strong-posts" with longitudinal rails consisting of 4" steel channels. Guardrail system geometry shall meet AASHTO requirements including:
  - a. 42" height
  - b. The number/spacing of channel rails shall be such that rail system meets maximum opening size requirements.
  - c. The lowermost channel shall be capped [faced] with a treated 2x4 as a rub-rail.
8. Finish shall consist of a PennDOT Bulletin 15 approved urethane topcoat applied over two coats of an epoxy primer listed by the paint manufacturer as suitable/compatible for the topcoat. Paint system shall be applied per [paint] manufacturer's recommendations.
9. A 56-mil waterproofing membrane on 4-mil carrier film, slit to overhang the top flanges of the stringers by 1/4" – 1/2" on either side, shall be pre-installed on the top flanges of all stringers.
10. Deck system shall consist of treated, nail or glue laminated, nominal 6" thick Southern Yellow Pine decking pre-assembled in panels.
11. Timbers shall be treated to UC4B "ground contact – critical components" and of minimum grade/strength as indicated in deck calculations.
12. Materials for full-width longitudinal timber running plank consisting of treated nominal 2"x12" SYP planking and stainless-steel deck screws.

**III. CONTRACTOR REFERENCES:**

After the bid opening, and prior to the awarding of the contract, the Department has the right to request references (names, addresses, and telephone numbers) of similar work for five (5) separate

projects. Similar work is defined as supplying prefabricated permanent bridge structures in the previous five (5) years as proof of qualifications to perform the work involved in this contract.

References are an optional tool available to the Department to help determine bidder capabilities. If any of these references are requested and the bidder cannot supply the necessary documentation and proof of compliance, the Department reserves the right to reject the bidder. The decision to both request references and reject bidders based on inadequate references will be made solely at the discretion of the Department.

**IV. DELIVERY:**

- A. Awarded Contractor will provide material certifications for wood and steel at the time of delivery.
- B. Delivery is to be made by truck to:
  - 1. The intersection of Splash Dam Hollow and the Susquehannock ATV trail. Approximately, 2.5 miles from the intersection of the ATV trail and Lyman Run Road. Coordinates to the delivery location is 41.73127, -77.84222 (no street address is available).
  - 2. Contractor must call 814.274.3600 at least three (3) business days in advance to set-up delivery date and time.
  - 3. Deliveries must be scheduled Monday through Thursday, 8:00 am to 3:00 pm.

**V. BID REQUIREMENTS:**

- A. **Reciprocal Limitations Act Form:** The Contractor must include with their solicitation response a properly executed Reciprocal Limitations Act form that lists the state of manufacture for any supplies procured with their bid response.
- B. **Worker Protection and Investment Certification Form:** Pursuant to Executive Order 2021-06, Worker Protection and Investment (October 21, 2021), the Commonwealth is responsible for ensuring that every Pennsylvania worker has a safe and healthy work environment, and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with all applicable Pennsylvania state labor and workforce safety laws. Such certification shall be made through the Worker Protection and Investment Certification Form (BOP-2201) and submitted with the bid, proposal, or quote.

**VI. DELIVERY PERIOD:**

Delivery shall commence upon receipt of Purchase Order and terminate June 30, 2024.

**VII. BID AWARD:**

Bidder must complete and return the following with their bid response:

- A. The electronic Invitation for Bid to be found at [www.pasupplierportal.state.pa.us](http://www.pasupplierportal.state.pa.us).
- B. A properly executed Reciprocal Limitations Act form that lists the state of manufacture for any supplies procured.
- C. A properly executed Worker Protection and Investment Certification Form.

Bid will be awarded based on the lowest total sum of the bid.

The contract quantities herein are estimated only and may increase or decrease depending on the needs of the Department. The Contractor shall be paid at the unit price bid for actual materials delivered.

The Department will only accept out to two (2) decimal points when entering your "Unit Price".

**VIII. PAYMENT TERMS:**

Payment shall be made on a reimbursement basis following delivery and final acceptance of the approved product.

This contract will be paid by Automated Clearing House (ACH), commonly referred to as direct deposit. Contractor should review Section V.20 CONTRACT-016.2 Payment – Electronic Funds Transfer of the Commonwealth's Terms and Conditions for complete details and contractor's responsibilities.

**IX. RECEIPT AND OPENING OF BIDS:**

Bids will be submitted via the PA Supplier Portal, to be found at [www.pasupplierportal.state.pa.us](http://www.pasupplierportal.state.pa.us). Faxed, emailed, and mailed bids **will not** be accepted.

No responsibility will be attached to any employee of the DCNR for the premature opening of, or the failure to open, a bid for any reason whatsoever.

**X. INVOICES:**

Invoice format must be in accordance with the IFB – Invitation for Bid.

All invoices for this contract **MUST** either be:

- A. Emailed to the following for a Paperless Email Invoice Option: [69180@pa.gov](mailto:69180@pa.gov).

For information on the Commonwealth's E-Invoicing Program, visit:  
<http://www.budget.pa.gov/Programs/Pages/E-Invoicing.aspx>

- B. Or mailed to the following address: Commonwealth of PA – PO Invoice  
PO Box 69180  
Harrisburg PA 17106

A copy of the invoice **MUST** also be sent to: Susquehannock State Forest District Office  
Attn: Amy Plumstead  
3150 East second street  
Coudersport, PA 16921

All invoices **MUST** have the purchase order number, your SAP Vendor Number on the invoice. The name and address listed on the purchase order must also be listed on each invoice. Failure to provide this information may result in a delay of payment.

**Please Note:** Vendors are reminded to **NOT** include employer identification numbers, Social Security numbers, bank account information, or other personally identifiable information on their invoices. That information is uniquely tied to your SAP Vendor Number and, for security purposes, should not be

explicitly stated on an invoice.

**XI. BID RESULTS:**

Bidders can obtain bid results by accessing <http://www.emarketplace.state.pa.us/BidTabs.aspx>. The bids will be posted as soon as practicable following the bid opening. The results are the apparent bidders, and all bids are under review until the final award of the purchase order.