

STATEMENT OF WORK

FURNISHING OF ONE (1)-40' MODULAR "Hinged" PORTABLE BRIDGE STRUCTURE

Commonwealth of Pennsylvania Department of Conservation and Natural Resources
Bureau of Forestry - Michaux State Forest
Forest District 1

I. SCOPE OF WORK:

The Department of Conservation and Natural Resources (DCNR), Michaux State Forest District 1, requires a vendor to fabricate and deliver all materials for one (1), 40' modular "hinged" portable 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.

****Please note this is a no substitute solicitation for a 40' ADM bridge.**

This bridge must be capable of carrying legal 40 Ton loads.

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 Michael Wright at 717.352.2211 or michawrigh@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.

II. CONTRACT TASKS:

- Provide one (1) 40' "hinged" portable bridge as noted in Sub-sections A through C. **Delivery date will be March 31, 2024.**
- The bridge will be delivered to the site with all components shown on the drawings and listed in the specifications.

A. **Materials Comply with the Following Minimums:**

1. All steel shall be new, of domestic origin, and minimum strength as indicate in stringer calculations.
2. Guardrail system shall consist of minimum 3.5" OD x ¼" wall pipe or square tube, 27" above deck.
3. Two coats epoxy primer with urethane topcoat applied per paint manufacturer's recommendations.
4. A 56-mil waterproofing membrane on 4-mil carrier film, slit to overhang the top flanges of the stringers by ¼' – ½' on either side, shall be pre-installed on the top flanges of all stringers.

5. Deck system shall consist of 3.5' thick x 6" wide white oak planks.
 - a. Deck boards shall be pre-installed on each section/half.
 - b. Planks shall be secured by bolt-down deck retainers to allow for easy replacement of deck boards (no drilling/bolting/etc. of individual deck boards shall be required.)
6. Drop-in panels shall be provided to eliminate any open gap between the two sections after the bridge is unfolded.

B. Fabrication:

1. Fabricate items of structural steel in accordance with AISC specifications.
2. Flame cutting holes or enlarging holes by burning is not permitted.

C. Bridge fabrication requirements will include the following:

One 40' Hinged/Portable Bridge meeting the following specifications:

1. 12' – 6" minimum clear/useable travel width.
2. 40' overall/nominal bridge length.
3. Bridge shall be designed per the 2012 LRFD Bridge Design Specifications, as further clarified below.
4. The structure shall be designed for HS25 loading.
 - a. Design may incorporate a 10-mph speed restriction.
 - b. Live load deflection shall be limited to $L/360$.
5. Pennsylvania P.E. stamped design letter of certification, drawings, and stringer calculations shall be provided.
6. Welding procedures and personnel shall be qualified per AWS D1.5 or D1.1 [where D1.5 does not apply].
7. The bridge shall consist of two modular sections connected via a longitudinal hinge system such that one half can be folded onto the other for transport as a single legal width load.
8. Structure shall be of durable design/construction such that it can withstand the rigors of being used at multiple locations, can be "skidded" utilizing excavating/forestry equipment, and shall include the following:
 - a. Rigid cross-bracing/diaphragms
 - b. Tapered ends to facilitate skidding
 - c. Heavy duty pipe towbars – both ends/both sections

9. Two coats epoxy primer with urethane topcoat applied per paint manufacturer's recommendations.
10. A 56-mil waterproofing membrane on 4-mil carrier film, slit to overhang the top flanges of the stringers by $\frac{1}{4}$ " – $\frac{1}{2}$ " on either side, shall be pre-installed on the top flanges of all stringers.
11. Deck system shall consist of 3.5" thick x 6" wide white oak planks.
 - a. Deck boards shall be pre-installed on each section/half.
 - b. Planks shall be secured by bolt-down deck retainers to allow for easy replacement of deck boards – no drilling/bolting/etc of individual deck boards shall be required.
12. Drop-in panels shall be provided to eliminate any open gap between the two sections after the bridge is unfolded.

D. Additional Requirements:

The bridge will be utilized in multiple locations and should be designed for ease of transport, installation, and later removal.

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 modular portable bridge-type 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:

EUB Haul Road at the intersection of Route 233 and Miltonberger Road located in Franklin Township, Adams County, Forest District #1, Pennsylvania. Contractor must call 717.352.2211 at least three (3) business in advance to set-up delivery date and time. 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 March 31, 2024.

VII. BID AWARD:

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

1. The electronic Invitation for Bid to be found at www.pasupplierportal.state.pa.us.
2. A properly executed Reciprocal Limitations Act form that lists the state of manufacture for any supplies procured.
3. 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. 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.
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: Michaux State Forest District Office
Attn: Kathy Smith
10099 Lincoln Way East
Fayetteville, PA 17222

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.