

NOTICE TO BIDDERS – Under Bridge Inspection Platform

Sealed bids will be received at the Office of the Board of County Commissioners, Muskingum County, at their office in the Courthouse, 401 Main Street, Zanesville, Ohio, until 11:30am on Thursday, February 15, 2024, and will be opened immediately thereafter for the purchase of a trailer mounted 2012 or newer under bridge inspection platform for the County Engineer's Office, Bid price shall include training and delivery to the Muskingum County Engineer, 155 Rehl Rd, Zanesville, OH 43701.

The county commissioners reserve the right to waive irregularities and to reject any or all bids.

The Notice to Bidders is available on the Internet at:

<https://www.muskingumcountyoh.gov/Public/Public-Notices/>

Complete specifications and instructions to bidders can be viewed and downloaded online at www.mceo.org (click on the Bidding link) or available by contacting the Muskingum County Engineer's Office at (740) 454-0155, Monday through Friday from 8:00 A.M. until 4:00 P.M., excluding holidays. Bidders are advised to email their contact information to bids@mceo.org, including name, address, phone, fax, and email in order to receive any amendments or other information if bid documents are obtained online.

BY ORDER OF THE MUSKINGUM COUNTY COMMISSIONERS.

SUSAN REESE
CLERK OF BOARD.

Please print in the January 31, 2024 issue of the Times Recorder.

**INSTRUCTIONS TO BIDDERS
UNDER BRIDGE INSPECTION PLATFORM
MUSKINGUM COUNTY**

1. All bids must specify the manufacturer and include literature when applicable.
2. Bidders shall submit a formal cost proposal and/or quote for the equipment as specified, including a price for training and delivery to the Muskingum County Engineer, 155 Rehl Rd, Zanesville, OH 43701.
3. The bids must be submitted in a sealed envelope marked, "Sealed Bid – Under Bridge Inspection Platform." The sealed bid must be received at the Office of the Board of County Commissioners, 401 Main Street, Zanesville, Ohio 43701, prior to the bid opening date and time, as published in the advertisement for bids. The sealed bid shall be mailed or dropped off in person at the county commissioner's office. No fax or email bids will be accepted.
4. The Board of County Commissioners, Muskingum County, Ohio, reserves the right to reject any and all bids, waive irregularities, and to accept any bid deemed in the best interest of the County.

Trailer Mounted Under-Bridge Inspection Bid Specifications

Unit to meet or exceed the following standards (2012 or newer):

1. Empty Weight: not to exceed 18,600 lbs.
2. Width of Unit: not to exceed 8 ft. 4 in. when stowed
3. Length of Unit: not to exceed 31 ft 6 in when stowed
4. Height of Unit (in transport position): not to exceed 11 ft. when stowed.
5. Platform shall have a minimum length of 35 feet.
6. Platform shall have a minimum width of 31 inches.
7. Platform shall be capable of rotating a minimum of 180 degrees underneath the bridge.
8. Platform shall have a minimum drop depth of 17.5 feet.
9. Access to the platform is to be by steps in a fully enclosed tower.
10. The vertical tower shall have a minimum 5 degree over center working capability to
11. The tower shall have a tower separation system that allows the tower to be adjusted in or out to clear pedestrian sidewalks or wide bridge railings.
12. There shall be an access walkway from the trailer to the vertical tower that is horizontal.
13. This access walkway shall keep a horizontal position regardless of the position of the tower separation system.
14. The hydraulic system shall be appropriately designed to properly operate and propel the unit safely, effectively and operate more than one function at a time.
15. The hydraulic functions shall include as a minimum: erecting functions, rotation of turntable, rotation of platform, platform telescoping and the stabilizer functions.
16. The hydraulic components shall meet applicable requirements including JIC standards.
17. The hydraulic cylinders used for erecting the unit and for raising and lowering the platform shall have safety lock valves.
18. The main hydraulic system shall be powered by a minimum 18 HP electric start gas engine.
19. The system shall have a spin-on type replaceable filter and an appropriate size reservoir tank to prevent fluid overheating or fluid starvation.
20. The unit shall have an auxiliary gas engine (approximately 5 hp) that powers a back-up hydraulic system for emergencies.

21. The unit shall have two sets of dead man type controls for operation of tower movements, platform movements and of the unit: one located on the main trailer unit and one located on the platform.
22. The main control panel located on the trailer unit shall be able to override the platform controls.
23. There shall an emergency stop switch located at each control station.
24. The controls to erect the unit shall be located at the main control station.
25. The trailer shall have three torsion bar axles with a minimum capacity of 6,000 pounds each.
26. The trailer shall have six wheels and tires with the appropriate rating.
27. Electric brakes with parking brakes on two axles. A battery, battery charger and breakaway switch shall be furnished.
28. The trailer deck shall be a minimum of 1/8 inch diamond tread plate.
29. The trailer deck shall be a minimum of 1/8 inch diamond tread plate.
30. The tow hitch shall have a minimum 25,000-pound rating.
31. The platform shall self-erect within a 12-foot traffic lane.
32. The platform shall be furnished with standard stabilizers that operate hydraulically.
33. The manufacturer's standard voice activated communication system shall be furnished.
34. The communication system shall transmit and receive between the platform and the main control station and be free from CB interference.
35. The platform shall be tested, certified and comply with applicable ANSI regulations.
36. A seven (7) flat prong electrical connector (SAE J560) for use on units with anti-lock brakes with a power cable that extends four feet ahead of lunette eye shall be provided.

Additional Options: (Shall include the following items).

Elevated scaffold.

Air connection to platform.