



City of Maryville
Purchasing Department
414 W Broadway Ave
Maryville, TN 37801-4710
(865) 273-3455

**CITY OF MARYVILLE INVITATION TO BID
AND BID SPECIFICATIONS FOR A 40'
OPEN BAY FIRE TRAINING BURN CELL**

Electronically submitted bids for a 40' Open Bay Fire Training Burn Cell will be received via email at comsealedbid@maryville-tn.gov until **2:00 PM, June 15, 2023** by the City of Maryville Purchasing / Contracts Manager. No bid will be accepted for any reason whatsoever, which is not electronically submitted within the specified time. The City of Maryville reserves the right to waive any informality in any bid, to accept the best bid for the City as determined by City Officials, and to reject any or all bids. The City also reserves the right not to enter into any contract as a result of this bid invitation.

Each electronically submitted bid must have a subject line which reads **“Bid #18-23 for a 40' Open Bay Burn Cell.”**

If you have any questions regarding the technical specifications of this bid, please contact Captain Andrew Puckett at (865) 273-3610 or by e-mail at apuckett@maryville-tn.gov.

David H. Morton, Purchasing / Contracts Manager

CITY OF MARYVILLE
40' OPEN BAY FIRE TRAINING
BURN CELL
SPECIFICATIONS

This bid will consist of the provision and installation of a modular 40' open bay fire training burn cell to be located on an existing concrete pad at 410 Home Ave. in Maryville, TN. It shall be the responsibility of the vendor to arrange transportation and off-loading of burn cell at final destination.

The specifications of the burn cell are as follows. Please indicate whether your product meets or exceeds these specifications:

1. Factory wood flooring will be removed and replaced with Non-Slip Diamond Plate Steel welded continuously at the perimeter and stitch welded to the floor joists, creating a non-combustible, non-warping level Floor System.
Yes_____No_____

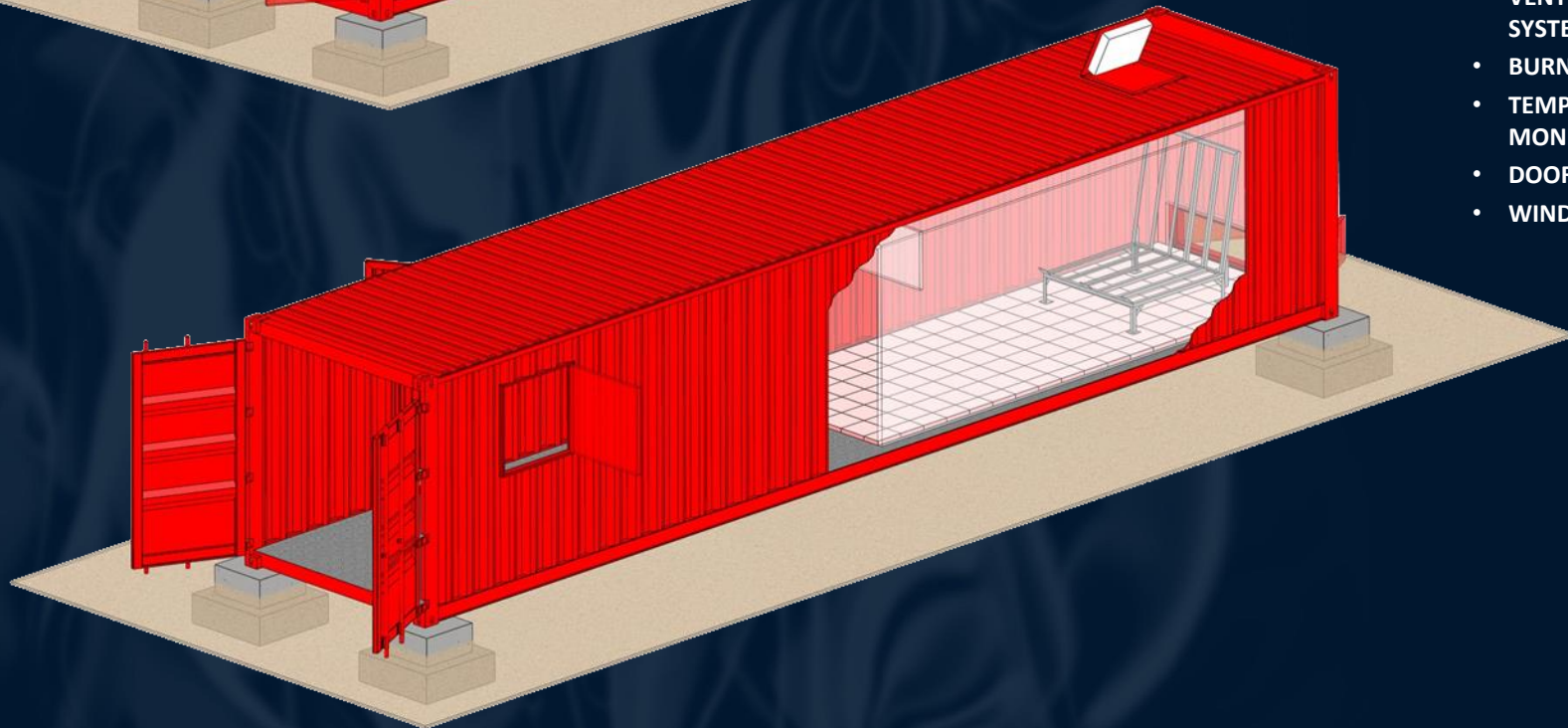
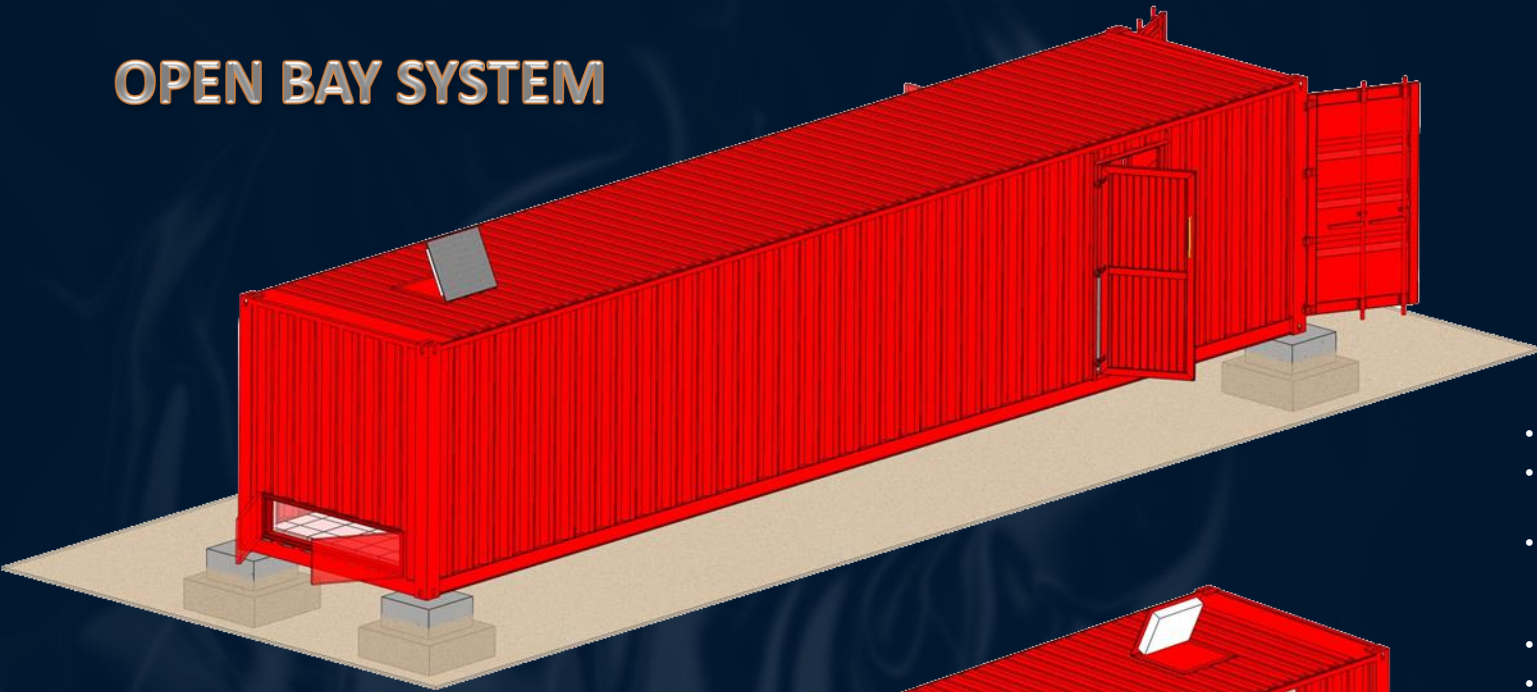
2. Burn Cell will contain an 8ft x 8ft x 20ft Long Enclosed Modular Class "A" Fueled Burn Room. The Burn Room must be specifically designed for repeated live-fire training for ambient temperatures up to 1100 degrees F. The Burn Room will be accessed via a custom fabricated insulated Fire Door.
Yes_____No_____

3. Will contain a Brick Lined Floor with Drainage Weep Holes within the burn room. An additional Floor Drain will be fabricated within the burn room to mitigate water accumulation.
Yes_____No____

4. Will contain a multi-functional Pallet Sized Burn Crib within the burn room allowing the user to alter fuel loading and fire behavior
Yes_____No_____

5. Will contain (3) heavy gauge Material Suspension Chains within the burn room located at the ceiling and walls. The placement of the chains will allow the user to alter fuel loading and fire behavior
Yes_____No_____
6. Will contain a Clean-Out Hatch to facilitate cleaning of the burn room after a live-fire training evolution.
Yes_____No_____
7. Will contain a Hose Hatch located at the container end opposite the burn room. .
Yes_____No_____
8. Will contain a Winch Operated Ventilation Hatch System within the burn room allowing the user to alter fire behavior while maintaining the ambient temperature below 1100 degrees F..
Yes_____No_____
9. Will contain a Four Zone Temperature Monitoring and Data Logging System located within the burn room. Temperatures will be digitally displayed and recorded to a remotely located device. The device may be removed and connected to a computer for the purpose of graphically displaying a Temperature versus Time History of the live-fire burn evolution for classroom debriefing purposes.
Yes_____No_____
10. Will contain (1) steel reinforced, non-latching Fire Door with roller latches. The roller latch system eliminates the need to locate a locking system and mitigates system failure under elevated temperature conditions. The fire door can be pinned closed from the interior to prevent unwanted entrance into the facility.
Yes_____No_____
11. Will contain (1) steel reinforced, non-latching Fire Window with roller latches. The roller latch system eliminates the need to locate a locking system and mitigates system failure under elevated temperature conditions. The fire window can be pinned closed from the interior to prevent unwanted entrance into the facility.
Yes_____No_____
12. Will contain the factory Cargo Doors located at the container end opposite the burn room.
Yes_____No_____

OPEN BAY SYSTEM



- 40' CONTAINER
- 20' INSULATED BURN ROOM
- WINCH OPERATED VENTILATION HATCH SYSTEM
- BURN CRIB
- TEMPERATURE MONITORING SYSTEM
- DOOR
- WINDOW

BID FORM

City of Maryville 40' Open Bay Fire Training Burn Cell

We, the undersigned, hereby agree to furnish all materials, equipment, manpower and any other necessary items in order to install a 40' Open Bay Fire Training Burn Cell in accordance with the attached specifications:

\$ _____ (in numbers)

_____ (in words)

Completion Time After Receipt of Order

Company Name

Office Phone

Cell Phone

E-mail Address

TERMS AND CONDITIONS

1. Bids must be submitted on this form only and bear the handwritten signature of an authorized representative of the firm to be considered valid. Each electronically submitted bid must have a subject line which reads "**Bid #19-22 for a 40' Open Bay Fire Training Burn Cell**". Unless otherwise stated by the City, no bidder may withdraw his bid within a period of thirty (30) days after the date set for the opening of bids.
2. If prices are quoted F.O.B. Maryville, Tennessee delivery to City of Maryville locations shall be without additional charge.
3. Failure to examine any drawings, specifications, and instructions will be at bidder's risk. If bidder is in doubt as to the true meaning of any part of the drawings, specifications and instructions or other documents, he should submit a written request for an interpretation to the Purchasing Agent or his designee. An interpretation of the document will be made only by addendum issued by the Purchasing Agent to each firm to whom an invitation was forwarded. The City will not be responsible for explanations or interpretations of bid documents except as issued in accordance herewith.
4. Where a brand or trade name appears in the specifications, it is understood that the brand or trade name referred to, or its approved equivalent, shall be furnished. If no mention is made of any exceptions, it is assumed that he is bidding on the article mentioned and not an approved equivalent. If a brand name is listed in the bid package and a vendor intends to bid another name, it is the responsibility of the bidder to notify the Purchasing Agent or his designee of his intent to do so by 10 days prior to bid opening and supply any and all materials, demo's, etc. needed to make this evaluation 7 days prior to bid opening. This is to allow time to evaluate equipment or product. Failure to do so disqualifies you as a bidder. An approved equivalent is defined as a bid item that meets or exceeds every specification provided in the bid specifications and is approved by the Purchasing / Contracts Manager. However, the City of Maryville reserves the right to choose a specific name brand if standardizing to accommodate parts supply, knowledge of maintenance and to prevent the purchase of specialty tools.
5. The Bidder is requested to attach brochure-type information on the supplies furnished. All guarantees and warranties should be clearly stated.
6. TAXES – The City is exempted from Federal excise taxes and state and local sales taxes and bidders must quote prices that do not include such taxes. Exemption certificate will be furnished upon request.
7. Bids and modifications or corrections thereof received after the closing time specified will not be considered. The City is not responsible for delays in electronic delivery.
8. Any exemptions to these terms or conditions or deviations from written specifications will be shown in writing and attached to the bid form.

9. Any alteration, erasure, addition to or omission of requested information, change of the specifications, or bidding schedule, is made at the risk of the bidder and may result in the rejection of the bid, unless such changes are authorized by the specifications.
10. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of the invoice or the date of receipt of all material covered by the order/contract, whichever is the later date.
11. Charges for boxing or cartage will not be allowed unless previously agreed upon.
12. Default in promised delivery and failure to comply with specifications authorizes the City to purchase supplies elsewhere and charge the difference to defaulting Vendor.
13. Bidder agrees to defend and save City of Maryville from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patents relating to goods specified in this order or the ordinary use of operation of such goods by City or use or operation of such goods in accordance with bidders direction.
14. In case of error or discrepancy in the mathematics of the bid price the unit prices shall prevail.
15. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended and all regulations promulgated thereunder.
16. Contracts and purchases will be made or entered into with the lowest, responsible, compliant bidder meeting specifications for the particular grade or class of material, work or service desired in the best interest and advantage to the City of Maryville. Responsible bidder is defined as a bidder whose reputation, past performance, and business and financial capabilities are such that he would be judged by the appropriate City authority to be capable of satisfying the City's needs for a specific contract or purchase order.
17. The City reserves the right to determine the low bidder either on the basis of the individual items or on the basis of all items included in its INVITATION TO BID, unless otherwise expressly provided in the INVITATION TO BID. The City reserves the right to accept any item or group of items of any kind and to modify or cancel in whole or in part INVITATION TO BID.
18. The City reserves the right to determine the low bidder by durability and maintenance cost over the life of the materials or equipment provided. This may be done by means of past experience or research. Initial cost may not determine low bid.
19. All contracts or purchase orders issued for this award will be governed by the laws of the State of Tennessee.

20. It is the intent and purpose of this contract on which bids are sought to assure a competitive bid price on the most efficient and reliable equipment that meets specifications. Bidders shall completely fill out and sign the Terms and Conditions and Bid Form Sheets. Any deviations from the above terms and conditions make your bid invalid.
21. The City of Maryville does not discriminate based on race, color, or national origin in federal or state approved programs, pursuant to Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d)

Bidders' company name, signature and date indicate that these terms and conditions have been read and understood.

BIDDER'S NAME: _____

COMPANY REPRESENTATIVE: _____

DATE: _____