

# Mobile Wireless Surveillance Trailer

## BID PACKET



## December 2025

2024 Homeland Security Grant

CFDA 97.067

The bidder will be responsible for the delivery of the stated product to Warren County Emergency Management at 1007 State Street, Bowling Green, Ky 42101.

## **INVITATION TO BID**

Warren Fiscal Court will receive sealed bids until 2PM on Monday, January 12, 2026 at the office of Judge Executive Doug Gorman, 429 East 10<sup>th</sup> Street – Suite 201, Bowling Green, KY 42101. Bids will be publicly opened immediate thereafter. All bids shall be received in a sealed envelope marked “BID REPLY” for the following:

### **Mobile Wireless Surveillance Trailer**

### **All items bid must be listed on the Federal Authorized Equipment (AEL) List.**

Bid documents may be picked up at the Warren County Judge Executives Office (M-F from 8 am-4:30 pm) or downloaded at <https://www.warrencountyky.gov/departments/public-works/bids-rpfs>. Any questions may be directed to Warren County Emergency Management Director, Ronnie Pearson at 270-392-1351 or [rpearson@wcem.org](mailto:rpearson@wcem.org) or Admin Specialist, Vicki Duckett at 270-781-8776 or [Vicki.Duckett@KY.Gov](mailto:Vicki.Duckett@KY.Gov).

Warren Fiscal Court reserves the right to reject all bids and to accept the lowest and best evaluated bid. The evaluated bid will allow 5% for a primary business located in Warren County and make a choice that it deems in the public interest. Warren County is an equal opportunity employer, and the successful bidder shall be an equal opportunity employer as well.

Crystal Cummings  
Fiscal Court Clerk

# #1 Mobile Surveillance Trailer.

Contact: Vicki Duckett

Phone: 270-781-8776

Location: 1007 State Street Bowling Green, Ky 42101

This bid is for a surveillance Trailer to utilize during special events, Elections, and disasters to monitor conditions on a 24-hour, seven day a week, three hundred and sixty-five days a year.

This unit will be self-supportive with a combination of electrical and solar connectivity to ensure continual service. This unit will be a trailer mounted controller that is easy to transport by most vehicles. The following specification sheet will list the minimum standards that will be acceptable. The vendors may include additional information or specifications that are above the minimum standards.

## **Evaluation Notes (For Procurement Use)**

- Vendors failing to meet mandatory minimum requirements may be deemed **non-responsive**.
- Awards may be based on **highest total score, best value, or price-to-performance ratio**, as defined in the solicitation.
- The issuing authority reserves the right to verify specifications through documentation, demonstrations, or site visits.

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Trailer cost: \_\_\_\_\_ \$ \_\_\_\_\_

Completion/ Delivery Time: \_\_\_\_\_

**Total Bid Cost** \_\_\_\_\_ \$ \_\_\_\_\_

Company: \_\_\_\_\_

Company Rep Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Bid Specification Sheet

## Mobile Surveillance Trailer

### 1. General Description

The Mobile Surveillance Trailer (MST) shall be a fully self-contained, towable surveillance platform designed for temporary or remote security operations. The system shall provide elevated video monitoring, recording, and remote access capabilities, suitable for construction sites, events, critical infrastructure, parking areas, and public safety deployments.

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### 2. Trailer & Chassis

Item	Minimum Specification
Trailer Type	Single-axle or dual-axle towable trailer
Construction	Heavy-duty steel frame with weather-resistant coating
GVWR	Minimum 3,000 lbs.
Hitch	2" or 2-5/16" ball hitch
Stabilization	Minimum four (4) manual or electric stabilizer jacks
Leveling	Integrated leveling system
Transport Speed Rating	Highway-rated (minimum 65 mph)
Finish	High-visibility or neutral color (specify)
Compliance	DOT compliant for road use

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### 3. Mast System

Item	Minimum Specification
Mast Type	Telescoping pneumatic, electric, or manual
Maximum Height	Minimum 20 ft (extended)
Retracted Height	Suitable for safe transport
Rotation	360° continuous or indexed rotation
Wind Rating	Minimum 65 mph (deployed)
Locking	Mechanical and/or electronic mast locking system
Safety	Automatic mast retraction in high-wind or power loss

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## 4. Camera System

<b>Item</b>	<b>Minimum Specification</b>
Camera Quantity	Minimum four (4) cameras
Resolution	Minimum 1080p HD (preferred 4K optional)
Camera Type	PTZ and/or fixed dome
Night Vision	Infrared (IR) illumination, minimum 150 FT
Zoom	Minimum 20x optical zoom (PTZ cameras)
Field of View	Wide-angle coverage with remote control
Environmental Rating	IP66 or better
Analytics	Motion detection (AI analytics preferred)

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## 5. Recording & Storage

<b>Item</b>	<b>Minimum Specification</b>
Recorder Type	Network Video Recorder (NVR)
Storage Capacity	Minimum 30 days continuous recording
Compression	H.265 or better
Redundancy	Optional mirrored storage
Export	USB and remote download capability
Time Synchronization	Automatic date/time stamping

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## 6. Communications

<b>Item</b>	<b>Minimum Specification</b>
Connectivity	Cellular (4G LTE minimum, 5G preferred)
Carrier Compatibility	Multi-carrier SIM or selectable carrier
Remote Access	Web-based and mobile app access
Alerts	Email/SMS notifications
Encryption	Secure encrypted data transmission
Antennas	High-gain external antennas

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## 7. Power System

<b>Item</b>	<b>Minimum Specification</b>
Primary Power	Solar, battery, or hybrid system
Solar Panels	Minimum 800W (if solar-equipped)
Battery Type	Deep-cycle AGM or lithium
Battery Runtime	Minimum 5 days without sunlight
Backup Power	Automatic generator or auxiliary power input
Generator	Quiet diesel or gasoline (if included)

<b>Item</b>	<b>Minimum Specification</b>
Power Management	Automatic charge controller and monitoring
Shore Power	110–120V AC input

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## 8. Lighting & Deterrence (Optional / Preferred)

<b>Item</b>	<b>Specification</b>
LED Lighting	Motion-activated floodlights
Audible Alarm	Speaker or siren
Two-Way Audio	Microphone and speaker
Strobe	Visual deterrent strobe light

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## 9. Environmental & Operating Conditions

<b>Item</b>	<b>Minimum Specification</b>
Operating Temperature	-20°F to +120°F
Weather Resistance	Rain, dust, and UV resistant
Vibration Resistance	Rated for transport and outdoor use

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## 10. Software & User Interface

<b>Item</b>	<b>Minimum Specification</b>
User Interface	Intuitive web-based dashboard
User Permissions	Multi-level access control
Mobile Access	iOS and Android compatible
Firmware Updates	Remote update capability
Reporting	Activity logs and health monitoring

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## 11. Safety & Compliance

<b>Item</b>	<b>Requirement</b>
Electrical	NEC compliant
Wireless	FCC compliant
Safety Labels	Warning and operating labels included
Locking	Lockable enclosures and panels

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## 12. Documentation & Training

Item	Requirement
Manuals	Operator and maintenance manuals
Training	Initial setup and operation training
Support	Technical support contact information
Warranty	Minimum 1-year comprehensive warranty

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## 13. Vendor Qualifications

- Minimum \_\_\_ years of experience manufacturing mobile surveillance systems
- Proven deployments in similar applications
- Ability to provide references upon request

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## 14. Deliverables

- Fully assembled Mobile Surveillance Trailer
- All cameras, mast, power, and communication systems installed
- Testing and commissioning prior to delivery

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# Scoring Summary

Category	Max Points
Trailer & Chassis	15
Mast System	15
Camera System	20
Recording & Storage	10
Communications	10
Power System	15
Software & UI	5
Vendor Qualifications	5
Optional Enhancements	5
<b>Total</b>	<b>100</b>

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## Evaluation Notes (For Procurement Use)

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