



REQUEST FOR QUOTE (RFQ)

Highway & Rail Safety Training Equipment – Cargo Trailer Rollover Prop

Original Issue Date: Monday, June 23, 2025

Submission Deadline: TRANSCAER is accepting vendor proposal until Friday, August 29. If no proposals are received, then proposals will be accepted on a rolling basis.

Contact Email: Erica Fischer at efischer@chemtrec.com.

Organization: TRANSCAER® (Transportation Community Awareness and Emergency Response) a division of the American Chemistry Council, administered by CHEMTREC, LLC.

Background & Purpose

TRANSCAER operates as a nonprofit 501(c)(6) organization dedicated to assisting communities and training emergency responders to prepare for and respond to hazardous material transportation incidents. As part of a federally funded grant project, we are seeking qualified vendors to design, build, and deliver a cargo rollover prop for use in first responder training. This prop will be utilized to provide immersive, scenario-based training for first responders, with particular emphasis on hazmat incidents involving cargo tank trailers.

Scope of Work

The selected vendor will be responsible for:

- Designing and constructing a Portable HazMat Tanker Simulator with rollover simulation and multi-leak capabilities.
- Design Requirements:
 - Simulate a cargo tank rollover scenario.
 - Include compartments and/or tanks to mimic real-world cargo or hazardous material spills.
 - Modular design for easy transportation and setup at multiple training locations.
 - Durable and weather-resistant materials for outdoor use.
- Functional Requirements:

- Allow trainees to practice rollover stabilization techniques.
- Simulate various leak scenarios, including flange, valve, or seam failures.
- Include components to simulate chemical containment or recovery operations.
- Weight capacity to support training equipment and personnel.
- Compatible with standard emergency response tools and equipment.

Below are examples of hazmat training trailers/rollover props:



- Fabricating and installing:
 - Gasoline dome leak simulation
 - Fittings plate and corrosive service equipment
 - Flammable pressure housing (LPG/Ammonia)
 - Bonding and grounding simulation
 - Confined space entry point on top
 - Optional: Chlorine one-ton training end
- Integrating an onboard air system for controlled simulated leaks.
- Mounting the system on a standard towable trailer (*preferably a trailer that does not require a CDL*).
- Providing corrosion-resistant materials for long-term durability.
- Custom paint and branded decals as specified by TRANSCAER.

Budget

Total Available Budget: Up to \$148,795.00, inclusive of all materials, fabrication, labor, transport, and customization.

Preliminary Cost Allocation:

- Cargo Trainer Prop and Housings (Chlorine, Ammonia, Betts): \$106,195.00
- Design/Fabrication/Labor/Custom Painting/Branding/Logos: \$46,000.00

Vendor should submit a full quote itemizing design, fabrication, labor, and any applicable fees.

Delivery and Setup:

- Deliver to 3130 Fairview Park Drive, Falls Church, VA 22042.
- On-site setup and training for TRANSCAER Staff Members on proper use for trainers/staff.

Required Vendor Qualifications

Vendors must:

- Ability to deliver within project timeline.
- Provide proof of liability insurance and relevant certifications/licenses.
- Be compliant with federal grant procurement guidelines under 2 CFR 200.
- Provide a detailed quote, including:
 - Total cost (including materials, labor, delivery, and setup).
 - Breakdown of costs for design, construction, and delivery.
 - A proposed timeline for completion and delivery.
 - Description of prior relevant projects.
 - A list of at least three references (include contact information).
 - Any warranties or guarantees offered on the prop.

Proposal Submission Requirements

Vendors must submit the following by Friday, August 29.

All quotes should include:

- Company background and relevant experience
- Proposed design specifications or rendering (if available)
- Total cost (including materials, labor, delivery, and setup).
- Breakdown of costs for design, construction, and delivery.
- A proposed timeline for completion and delivery.
- Description of prior relevant projects.

- A list of at least three references (include contact information).
- Warranty or maintenance support information.
- Timeline for delivery and milestones
 - *Delivery and training of the prop does not have to occur until January 21, 2026, but financially the project invoicing must be completed by November 30, 2025.*

Submission

- Please submit your quote and any supporting documentation to: Erica Fischer at efischer@chemtrec.com by Friday, August 29, 2025.
- Anticipated Award Date: Friday, September 12, 2025.

Evaluation Criteria

Submissions will be evaluated based on the following:

- Cost competitiveness and budget alignment (30%).
- Vendor experience and qualifications (25%).
- Compliance with design and functional requirements (25%).
- Proposed timeline (10%).
- Warranties and post-delivery support (10%).

Contact Information

Submission Deadline: Friday, August 29, 2025.

For questions or clarifications, contact:

Erica Fischer

Director, Training, Outreach, and Partnerships

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