



Carrie Eklund  
Central Services Manager  
Finance Department

**INVITATION TO BID  
MOBILE TRAINING PROP  
BID NO.: 712-F-084**

7/16/12/12

Name of Bidding Firm: \_\_\_\_\_  
Address \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

**Bid Opening Time and Date 11:00 a.m., Local Time, Wednesday, August 8, 2012**

*Bids will be accepted until the specified opening time and date. Any bidder attempting to deliver after the opening time and date will be refused.*

**Mandatory Pre-Bid Meeting 1:30 p.m., Local Time, Tuesday, July 24, 2012**

Bid Deposit/Bid Bond: NO  
Prevailing Wage NO  
Performance Bond: NO

**PLEASE MARK THE RETURN SEALED ENVELOPE:**

- 1. Bid Opening Date and Time
- 2. Title of Job
- 3. Bid Number

**RETURN BIDS TO:**

City of Rockford  
Central Services Manager  
425 East State Street, 4<sup>th</sup> Floor  
Rockford, Illinois 61104  
Telephone: (815) 987-5560

***BIDS SUBMITTED BY FASC SIMILE OR E-MAIL WILL NOT BE ACCEPTED***

**BID RESULTS:**

Bid results may be obtained by telephone at (815) 987-5560, by fax at (800) 380-7174. or at [www.rockfordil.gov](http://www.rockfordil.gov)

## CITY OF ROCKFORD, ILLINOIS—BIDDING GENERAL CONDITIONS

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.
2. Total versus “Per Item” Awards. The City generally awards contracts based on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.
3. Delivery of Merchandise. Delivery terms will always be Freight On Board (FOB)—Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.
4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in this invitation to bid or as otherwise permitted by Illinois law.
5. Prompt Payment Act. The City of Rockford intends to comply with the governmental prompt payment act. The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.
6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar the vendor from bidding for a period of up to three years.
7. Legal Compliance. The vendor awarded this contract will comply with all Federal, State, County, and City laws, ordinances, rules and regulations, which in any manner affect the product or service placed for bid herein. Lack of knowledge on the part of the awarded vendor of applicable law will in no way be cause for release of this obligation. If the City becomes aware of violation of any laws, ordinances, rules and regulations on the part of the awarded vendor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.
8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.
9. Safety. Prevention of accidents at any project is the sole responsibility of the awarded vendor and its subcontractors, agents, and employees. The awarded vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. The awarded vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. Criminal Background Check. When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last 10 years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within 14 calendar days so as to not delay work to be completed.

11. Control of the Work. With respect to the awarded vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. Bid Bond. When required on the cover sheet, a bid bond for not less than 5 percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. Performance Bond. When required by the specifications herein, the awarded vendor shall furnish a performance bond equal to the amount of the contract, acceptable to the City, within 14 calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. Taxes. No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. Withdrawal of Bids. Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. Subcontracting. The bidder shall provide information for all subcontractors, leased operators/equipment, and suppliers and all other information requested in the Subcontractor and Supplier Detail Forms attached. Requests for deviations from the completed detail forms submitted must be made in writing, and reviewed and approved by the City's Diversity Procurement Officer and the Central Services Manager or designee. The awarded vendor may not subcontract any portion of the contract after award without written consent of the City of Rockford

Central Services Manager. When subcontractors are used, the awarded vendor is required to pay subcontractors promptly after completion of work. Delay of payment is prohibited.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to the awarded vendor, if the Rockford City Council does not appropriate sufficient funds to complete the contract or in the event of default by the awarded vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list for a period of up to three years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the awarded vendor at their request and expense.

19. EEO Forms. Each firm shall be required to submit with its bid information all EEO forms included in the invitation to bid package. Any bid which fails to include the properly completed compliance items will not be read and will not be considered. All subcontractors shall also be required to comply with the same EEO forms as the firm.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within 7 days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager, or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating

sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. Prevailing Wage. When indicated on the cover page of this document, this contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. When required, awarded vendors are responsible for paying current prevailing wage rates, as posted on the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. It is the awarded vendor's responsibility to verify current wage rates, as they are updated monthly. All awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, and record keeping duties.

26. Certified Payroll. All Certified Payroll reports required to be submitted under the Prevailing Wage Act, 820 ILCS 130, must be submitted monthly via email, in Excel or some format compatible with Excel, to [certified.payroll@rockfordil.gov](mailto:certified.payroll@rockfordil.gov).

27. Substance Abuse Prevention. When required by Illinois State Statutes, awarded vendors must have in place and file with the City a written program for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. Apprenticeship Requirement. For construction contracts over \$50,000, awarded vendors must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in the awarded vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. Indemnification. To the fullest extent permitted by law, the awarded vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the awarded vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon section 414 of the Restatement (Second) of Torts and section 343 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for the awarded vendor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, the awarded vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act of 1970 and the Construction Safety Act of 1960 and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall the awarded vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Officers. Each bidder affirms, by submission of a response to this bid or request for proposals, that no officer of the City of Rockford, Illinois, is directly or indirectly interested in the proposal for any reason of personal gain.

31. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

32. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/5 governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

33. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

**BID REQUIREMENTS FOR  
EQUAL EMPLOYMENT OPPORTUNITY**

All bidders seeking to do business with the City of Rockford are **REQUIRED** to submit with any formal, sealed bid all of the following documents and information, attached herewith, completed and signed:

1. Equal Employment Opportunity Affirmative Action Plan Statement of Policy.
2. The Statement of Non-Compliance and Certificate of Non-Segregated Facilities.
3. The Contractor or Vendor Workforce Data Form listing all current employees, by classification, directly employed by the bidder. All categories of information requested must be supplied.  
*Note: The number of employees must be entered under each category (no check marks)*

Below are the Federal definitions of the following racial groups accepted as minorities by the City of Rockford:

Black: A person having origins in any of the Black racial groups of Africa, not of Hispanic origin.

Hispanic: A person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes for example, China, Japan, Korea, the Philippine Republic and Samoa.

American Indian or Alaskan Native: A person having origins in any of the original peoples of North America.

4. Your State of Illinois Pre-Qualification Certification Number, issued by the Illinois Department of Human Rights for the Illinois Department of Human Rights Act, **must provide expiration date entered in the place provided therefore.**
5. Certificate of Non-Barred Bidding
6. All executed Subcontractor/Leased Operator and Supplier forms.

**If you have not obtained your State of Illinois Pre-Qualification Number (item #4), by signing these documents you agree to make application for this number within 30 days from the date of bid opening.**

**ANY BID WHICH FAILS TO INCLUDE THE CITY OF ROCKFORD EEO PAGES 2, 4, AND 5, COMPLETED AND SIGNED WITH YOUR SEALED BID WILL NOT BE READ AND WILL NOT BE CONSIDERED – NO EXCEPTIONS.**

Falsification of any required Equal Employment Opportunity or Affirmative Action information on the part of the bidder could result in rejection of the bid submitted or in the case where a contract has already been awarded, in the cancellation of said contract.

Any questions pertaining to E.E.O. requirements should be addressed to Ron Moore, Diversity Procurement Officer, Legal Department, 425 East State Street, Rockford, Illinois 61104, Phone: (815) 987-5622 or [ron.moore@rockfordil.gov](mailto:ron.moore@rockfordil.gov)

**EQUAL EMPLOYMENT OPPORTUNITY**  
**AFFIRMATIVE ACTION PLAN**  
**STATEMENT OF POLICY**

It is the policy of this company, \_\_\_\_\_  
to provide equal employment opportunity without regard to race, religion, color, national origin, handicap, age or sex through a program of positive action affecting all employees. In this program, our company carries out the requirements of Federal Executive orders 11246 and 11375, Civil Rights Act of 1964, Equal Employment Act of 1972, and all other applicable laws, and indicates its active support of the principle of equal opportunity in employment.

At present, \_\_\_\_\_ % of our work force are minorities and \_\_\_\_\_ % of our work force are females, and we will attempt to utilize minorities and females through a positive, continuing program in all jobs for which we contract in the future. Our company will utilize referrals from the City of Rockford's Diversity Procurement Officer for use of minorities and females regarding any future job vacancies.

It is also our intent to make efforts to purchase supplies or equipment from small business concerns located in the City of Rockford or counties of Winnebago or Boone and owned in substantial part (at least 51 per cent) by minorities or females.

\_\_\_\_\_ is the official who will be responsible for implementing this policy statement.

\_\_\_\_\_ is the official who will be responsible for implementing

\_\_\_\_\_ will be designated as the Equal Opportunity Officer in our company, responsible for submission of all required equal employment opportunity documents.

\_\_\_\_\_ will be designated as the Equal Opportunity Officer in

In addition, \_\_\_\_\_ is hereby authorized to sign payroll as well as this company's officers. (NOTE: If only officers will be authorized to sign payrolls, please fill in "No One" in this space.)

## **STATEMENT OF NONCOMPLIANCE**

If the equal employment opportunity hearing committee determines that a contractor, subcontractor/leased operator of equipment or bidder is not in compliance with this chapter, (also known as Chapter 11, Article III the City of Rockford Equal Opportunity Employment Ordinance), the hearing committee shall issue and serve upon such person a written statement of noncompliance setting forth the manner in which it finds such person has violated this chapter, and imposing and/or requiring appropriate sanctions, including, but not limited to any and/or all of the following:

- a. Denying, suspending or revoking qualifications, or declaring the contractor or subcontractor irresponsible and ineligible for future contracts or subcontracts until such time as the contractor or subcontractor shall demonstrate to the equal employment opportunity hearing committee that it is in compliance;
- b. Withholding or delaying payment on the contractor or;
- c. Suspending, avoiding or canceling contract work.

## **CERTIFICATION OF NON-SEGREGATED FACILITIES**

The bidder certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid.

The bidder agrees that (except where he/she has obtained identical certification from proposed subcontractors/leased operators of equipment for specific time periods) he/she will obtain identical certification from proposed subcontractors/leased operators of equipment from the provisions of the Equal Opportunity clause, and that he/she will retain such certification in his/her files.



**CERTIFICATE OF NON-BARRED BIDDING**

The undersigned certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid rigging or bid rotating. The undersigned also certifies that current or prospective employees, contractors, and subcontractors/leased operators of equipment are not listed as Excluded Individuals/Entities with the US Government, as maintained by the US General Services Administration.

By signing below, the firm agrees that all information provided in the previous pages is accurate, and that if the firm below does not currently have a Department of Human Rights number they will apply for one within thirty days with the State of Illinois.

[Redacted Signature Area]

Authorized Signature

[Redacted Title Area]

Title

[Redacted Firm Name Area]

Firm

Our firm is a:

Minority Business Enterprise \_\_\_\_\_

Women Business Enterprise \_\_\_\_\_

Neither \_\_\_\_\_

City-Certified? Yes \_\_\_\_\_ No \_\_\_\_\_

City Certified? Yes \_\_\_\_\_ No \_\_\_\_\_

(Revised 12/21/09)

## 1.0 General Scope

The Rockford Fire Department is interested in purchasing One (1) Mobile Training Prop that is capable of providing a four (4) container system including a single burn unit, forcible entry, and one (1) double burn unit consisting of two (2) containers. The City requires a proven training system that meets or exceeds NFPA 1001, 1403 and 1500 Standards.

## 2.0 General Requirements

2.1 Vendor qualifications. No contract shall be awarded except to responsible vendors capable of supplying the class of product contemplated. Before being considered for the award, vendors may be required to show evidence of the necessary experience, facilities, equipment, ability and financial resources to perform the work in a satisfactory manner and within the time stipulated. The City of Rockford shall make the final determination as to the vendor's ability to provide the desired services.

2.2 References. Bidders shall provide documentation and references from a minimum of 5 other fire departments that have purchased mobile training props from your company.

2.3 Contract Award. The City will award this contract to the lowest responsive and responsible bidder that is able to meet the requirements and criteria set forth in this document. The City of Rockford may award the contract based on line item categories, or as a whole, whichever best serves the interest of the City.

2.4 Bid Form. Included at the end of these specifications is a bid form. Bidders shall supply unit prices and a grand total for all of the estimated number of items.

2.5 Questions. All questions regarding these specifications should be directed to Carrie Eklund, Central Services Manager at [carrie.eklund@rockfordil.gov](mailto:carrie.eklund@rockfordil.gov) (815) 987-5565.

2.6 Mandatory Pre-Bid Meeting. All vendors are required to attend a pre-bid meeting to occur at 204 South First Street, Rockford IL on July 24, 2012 at 1330hrs.

## 3.0 Specific Requirements

3.1 Training. 2 day advanced "train-the-trainer" course conducted on site for up to 15 trainers. This course will provide appropriate certification of our personnel as Live Fire Instructors in accordance with NFPA 1403 Section 4.6.12. This training will be performed by Certified Fire Instructors. (Submit appropriate documentation to document experience of the proposed instructors). Suggested contents of a train-the-trainer course:

- Ignition Sources
- Fire Behavior
- Formation of Fire Gases
- Fire Control
- Container Operations
- SCBA & Safety Equipment
- Recognition of Hazardous Conditions
- Smoke and Ventilation Exercises

- Nozzle Technique
- Container Management and Maintenance
- Safety, including NIOSH Case Studies

### 3.2 Container System Specifications.

#### 3.2.1 Dimensions

- Container 1 (Single Burn Unit): 40' Long, 8' Wide
- Container 2 (Forcible Entry): 40' Long, 8' Wide
- Container 3 (Double Burn Unit): 40' Long, 8' Wide
- Container 4 (Double Burn Unit): 40' Long, 8' Wide

#### 3.2.2 General Construction and Included Items

- "Single Trip" containers will be used
- Provide adequate floor drains or other type of drainage system to ensure adequate water drainage and appropriate clean-up. There should be at least three drains equally spaced throughout each container. Specific locations will be determined.
- System in place to prevent heat transfer to the top of the original container doors. This is designed to minimize warping of the doors and prevent heat/gases from escaping.
- Access for Hose Lines adjacent to all doors. This opening will not interfere with the opening and closing of the doors nor will it interfere with egress points. These will be framed into the wall and not the door and be protected by a "brush" or other suitable means to limit smoke and heat escape.
- Containers will be mounted to a certified DOT-rated tandem axle 40' ISO container chassis. The chassis will be refurbished to DOT specifications and titled to the Rockford Fire Department.
- We prefer storage of stairs, railings, etc to be inside containers and minimize the need to fabricate storage underneath the chassis.
- Each chassis will have approved front landing gear and rear stabilizers, as required.
- This mobile training prop will have multiple burn rooms. For engineering purposes, it is important to understand that we do not intend to burn in all burn rooms at the same time but, to merely provide variability and variety in our training. We would rely on the manufacturer to design applicable fire loads.
- A handheld thermometer/datalogger will be provided (provide specific specifications). This device will be capable of monitoring the temperatures in an individual container. The burn containers will have up to four thermo couplers installed in approved locations.
- Painted containers in a suitable color to the Rockford Fire Department
- The vendor will provide airfare, food, and hotel accommodations for two people to inspect the progress of the project.

### 3.3 Container 1 (Single Burn Room).

#### 3.3.1 Exterior

- This unit will have a ventilation hatch that is opened by an externally mounted winch system and a secondary vent opening that can be opened from the interior.

- The container will have an exterior stairway that provides access to the roof from the ground surface. This stairway will be collapsible, foldable, or otherwise suitable for traveling. This stairway will have appropriate non-skid surfaces and railings.
- This container will have a manhole sized hatch on the roof with a corresponding hatch on the floor of the container that lines up to allow for various confined space evolutions.
- An entrance door will be placed in the end of the container opposite of the burn room. This door will have a suitable landing and stairs to ground level.
- An entrance door will be placed in the side of this container. The primary purpose of this door is for instructor access and emergency egress. This door will have a suitable landing and stairs to ground level.
- An 8' wide opening will be made at the container midpoint that will allow for attachment to Container #2.
- This container will have 2 windows. One will be a normal hatch style window and the second will be a "burn style" window.
- This container will have hot dipped galvanized bar grating, or equivalent, attached to the top. This will provide a non-slip work surface. A toe-kick and a suitable drainage system will be in place to alleviate any standing water. An OSHA compliant guard rail system made of hot dipped galvanized, or equivalent, will be installed around the top of the container to allow for additional work areas on the roof. This guard-rail system will be attached with a pin system, requiring no wrenches.

### 3.3.2 Interior

- The original wood floor will be removed and replaced with non-slip diamond plate steel sheeting that is welded at the perimeter and to the floor joists. The goal is to create a permanent, non-warping surface.
- This container will have one (1) 8' high X 8' wide x 16' deep burn chamber. Ceramic or equivalent high performance insulation will be used (please specify)
- The chamber will be constructed of corrugated steel that is coated in a high temperature coating, or equivalent. This chamber will be designed to contain multiple Class A live fire evolutions with temperatures up to 1100°F. This burn chamber will have solid welds and constructed to prevent smoke combustion in the void spaces and provide for a completely sealed burn room.
- Four (4) thermocouples will be installed and able to be monitored in an exterior location using the provided thermometer/datalogger.
- A clean-out hatch will be provided to facilitate loading and cleanout of materials
- This unit will have movable baffles located 10' from the end wall.
- The burn rooms unit will have heavy gauge chains mounted on the ceiling and walls and heavy gauge track or angle iron mounted on the walls designed to hold plywood or OSB sheeting and allow for additional training evolutions.
- This container will have an interior steel staircase and railing for access and egress to the roof top. The stairs will have reinforced heavy steel stringers that will resist extreme temperatures with no detrimental effects. A steel, heat resistant roof hatch will be placed above the staircase. This hatch will have a suitable means of securing the hatch in the raised position. The stairs will also have the wall that is open to the container enclosed so as to create a "basement-type" scenario.
- A burn crib of suitable construction will be included with this container.

### 3.4 Container 2 (Forcible Entry).

#### 3.4.1 Exterior

- This unit will have two windows and 1 door on each side of the container. One of the doors will be a double forcible entry door that is designed to simulate an inward and outward swinging door, and various other evolutions to accommodate cutting, sledge hammer, and prying exercises. One window will be at proper positioning to simulate Denver Drill scenarios. One window will be configured to simulate forcible entry. All windows will have hatches to allow for control of ventilation and protect from the elements.
- This container will have a walkway to allow access to doors and windows. This walkway will be configured in size and width (approximately 4 feet wide and 20 feet long) to allow access to the doors and at least one window. The second window on each side is designed to be accessible by ground ladder.
- Stairs with appropriate railings and non-slip treads, will be provided on each side of the container to allow for access to the platform
- This container will also have a removable roof hatch to allow for confined space simulations and ventilation. This hatch will also have the ability to slide a partial sheet of drywall to allow for “ceiling pulling” evolutions.
- This container will have hot dipped galvanized bar grating, or equivalent, attached to the top. This will provide a non-slip work surface. A toe-kick and a suitable drainage system will be in place to alleviate any standing water. An OSHA compliant guard rail system made of hot dipped galvanized, or equivalent, will be installed around the top of the container to allow for additional work areas on the roof. This guard-rail system will be attached with a pin system, requiring no wrenches.

#### 3.4.2 Interior

- Each end will have an interior door will be provided for various forcible entry simulations while under heat and smoke conditions. This will be mounted on a pivot or movable wall. The second half of this pivot wall will allow for wall breaching exercises. The door will be constructed of metal in a suitable configuration to withstand the heat, smoke, and repeated forcible entry evolutions. The wall breaching component will be constructed of metal with the ability to remove a metal panel and replace it with 2"x4" wood studs and drywall sheeting.
- Two additional movable walls, designed to cover ½ of the container width (4'), will be installed in an acceptable location. These will be constructed of metal in a suitable configuration to withstand heavy usage while in heat and smoke conditions.

### 3.5 Container 3 (Burn Unit).

#### 3.5.1 Exterior

- This unit will have a ventilation hatch that is opened by an externally mounted winch system and a secondary vent opening that can be opened from the interior.
- This container shall be designed to have an 8' wide opening on one side that will allow for bolting to container #2.
- This container shall have a 12' wide opening on the opposite side to allow bolting to container #4.
- A “burn style” window will be installed in a suitable location.

### 3.5.2 Interior

- The original wood floor will be removed and replaced with non-slip diamond plate steel sheeting that is welded at the perimeter and to the floor joists. The goal is to create a permanent, non-warping surface.
- This container will have two (2) 8' high X 8' wide x 14' deep burn chambers. Ceramic or equivalent high performance insulation will be used (please specify)
- The chamber will be constructed of corrugated steel that is coated in a high temperature coating, or equivalent. This chamber will be designed to contain multiple Class A live fire evolutions with temperatures up to 1100°F. This burn chamber will have solid welds and constructed to prevent smoke combustion in the void spaces and provide for a completely sealed burn room.
- The burn rooms unit will have heavy gauge chains mounted on the ceiling and walls and heavy gauge track or angle iron mounted on the walls designed to hold plywood or OSB sheeting and allow for additional training evolutions.
- Removable Interior baffles will be provided on the burn rooms without the door and permanent wall.
- A clean-out hatch will be provided to facilitate loading and cleanout of materials
- This unit will have four (4) interior electronic temperature monitoring sensors that will connect to an external datalogger (that is also provided) to adequately measure temperatures at various points in the containers.
- One of the burn chambers will be equipped with a permanent wall and appropriate "burn" door allowing entry into the burn room.
- We are concerned about the potential for warping of the original cargo doors. Please provide details on your company's solution for preventing such warping.
- These containers will have adequate drainage to prevent standing water.
- 14 Gauge Steel Exterior with 8 Gauge corrugated sheet metal covering the insulation or an equivalent proven construction technique (please explain in detail in proposal)
- Concrete paving or fire type bricks to line floors of Burn Containers
- 1 ea.- Fire Crib

### 3.6 Container 4 (Burn Unit).

#### 3.6.1 Exterior

- This container will have an access door and stairs to ground level at the midpoint of the container.
- This container shall have a 12' wide opening on the opposite side to allow bolting to container #3.
- A "burn style" window will be installed in a suitable location.

#### 3.6.2 Interior

- The original wood floor will be removed and replaced with non-slip diamond plate steel sheeting that is welded at the perimeter and to the floor joists. The goal is to create a permanent, non-warping surface.
- This container will have two (2) 8' high X 8' wide x 14' deep burn chambers. Ceramic or equivalent high performance insulation will be used (please specify)

- The chamber will be constructed of corrugated steel that is coated in a high temperature coating, or equivalent. This chamber will be designed to contain multiple Class A live fire evolutions with temperatures up to 1100°F. This burn chamber will have solid welds and constructed to prevent smoke combustion in the void spaces and provide for a completely sealed burn room.
- One of the burn chambers will be equipped with a permanent wall and appropriate “burn” door allowing entry into the burn room.
- A clean-out hatch will be provided to facilitate loading and cleanout of materials
- This unit will have a ventilation hatch that is opened by an externally mounted winch system and a secondary vent opening that can be opened from the interior.
- Removable Interior baffles will be provided on the burn rooms without the door and permanent wall.
- The burn rooms unit will have heavy gauge chains mounted on the ceiling and walls and heavy gauge track or angle iron mounted on the walls designed to hold plywood or OSB sheeting and allow for additional training evolutions.
- This unit will have four (4) interior electronic temperature monitoring sensors that will connect to an external datalogger (that is also provided-1 total for this project) to adequately measure temperatures at various points in the containers.
- We are concerned about the potential for warping of the original cargo doors. Please provide details on your company’s solution for preventing such warping.
- These containers will have adequate drainage to prevent standing water.
- This container will have a “behind the wall” fire prop constructed in a suitable location.
- 14 Gauge Steel Exterior with 8 Gauge corrugated sheet metal covering the insulation or an equivalent proven construction technique (please explain in detail in proposal)
- Concrete paving or fire type bricks to line floors of Burn Containers
- 1 ea.- Fire Crib

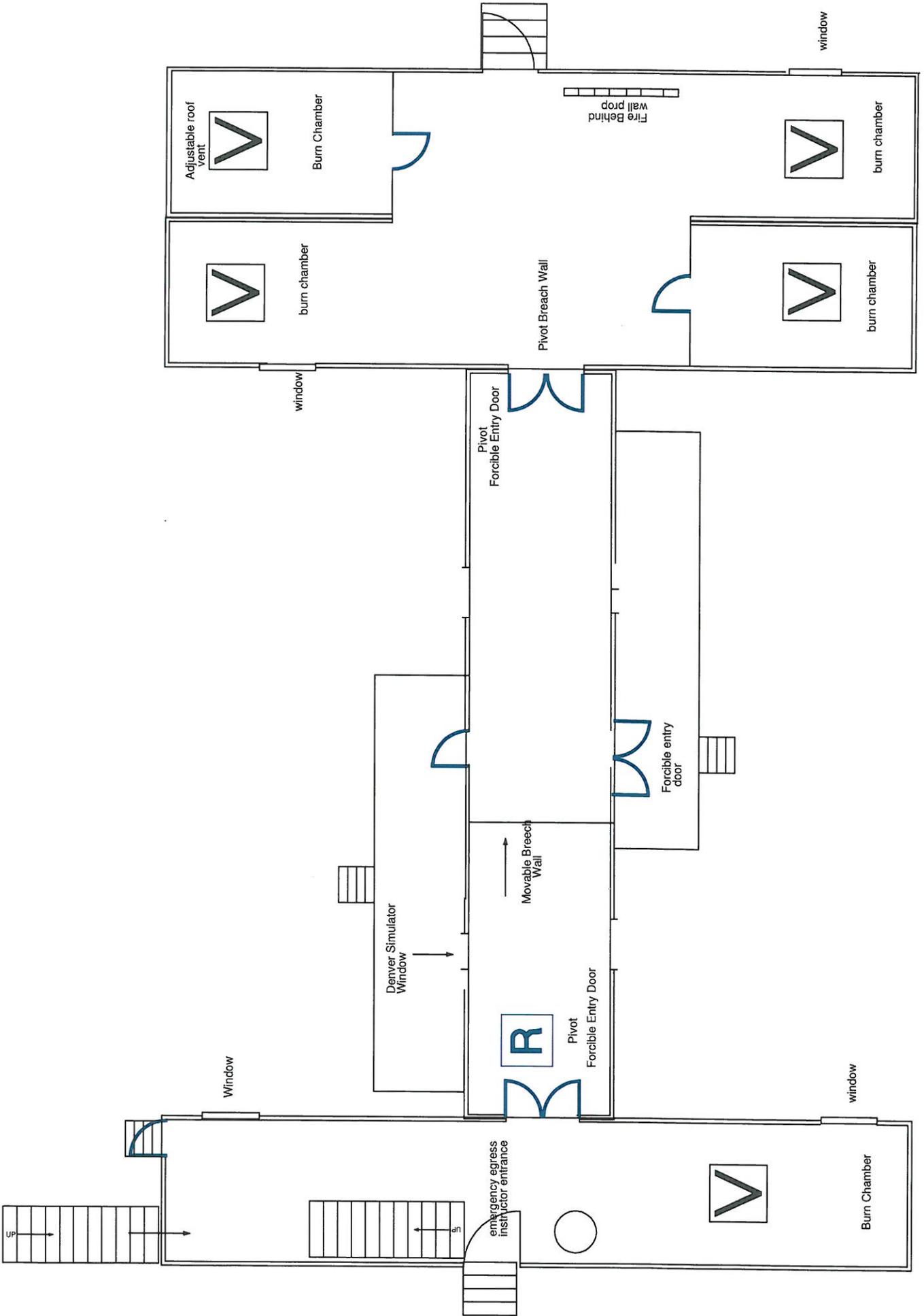
3.7 Site Requirement.

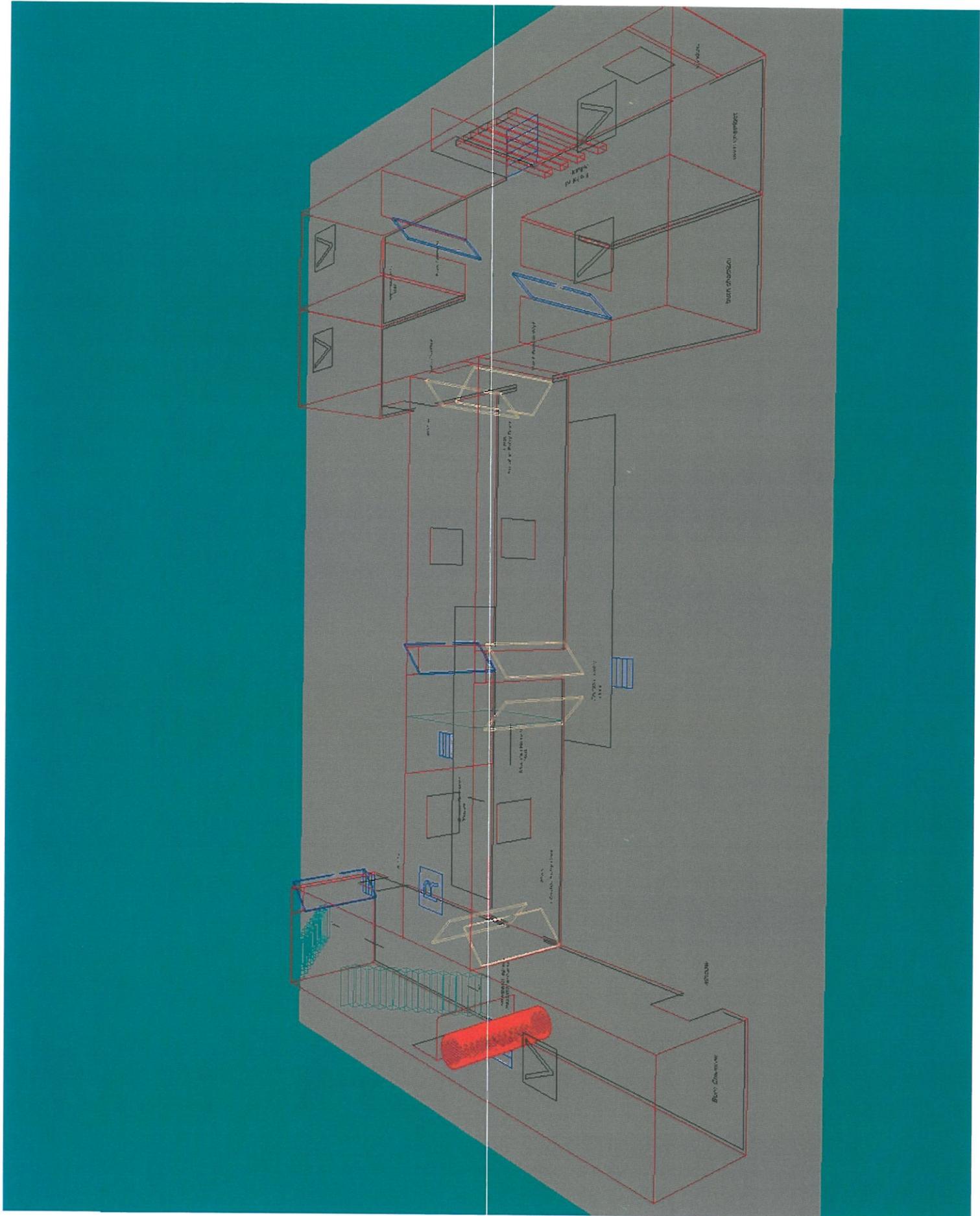
- Rockford Fire Department will provide a level pad of either concrete, asphalt, or gravel in accordance with the Vendor’s specifications
- Vendor will provide equipment and labor required for set-up and installation at our facility at 3329 West State Street, Rockford, Illinois

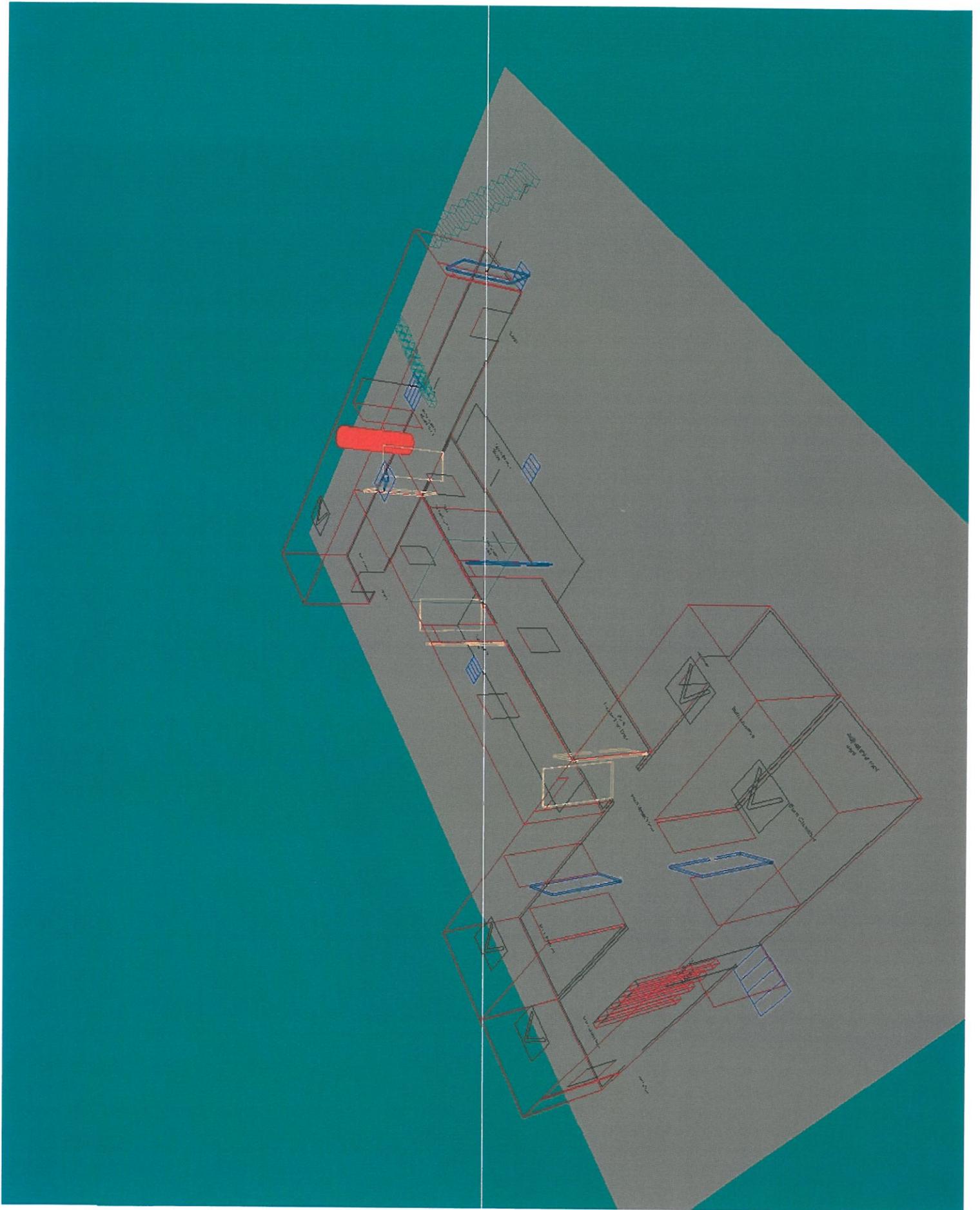
3.8 Warranty.

- The final system will be installed within 100 days of the receipt of an approved purchase order.
- The vendor will provide a warranty for all workmanship and materials for a minimum period of two years from the time of delivery.

3.9 Shipping. The mobile training prop shall be delivered and installed at 3329 West State, Rockford, IL 61104.







**Bid On: Mobile Training Prop**  
**Bid No.: 712-F-084**

The bid is as follows:

Item	Total Price
Mobile Training Prop	\$ _____
Warranty	\$ _____
Grand Total	\$ _____

\_\_\_\_\_  
Person, firm or corporation

\_\_\_\_\_  
Authorized signature and title