

Nixa Fire Protection District Training Facility RFP

Board of Directors:
Larry Laforge President
Summer Lampe, Vice President
Terry Young
Rick Henry
Steven Randolph

Fire Chief:
Lloyd Walles

NOTICE OF BID

The Board of Directors of the Nixa Fire Protection District will receive sealed bids for a Multi-Story Live Fire & Search Training Facility to be installed at the districts selected and prepared location.

Specifications are available within this document, at the Nixa Fire Protection District Headquarters located at 301 S Nicholas Rd, Nixa Missouri 65714 during normal business hours and by email upon request. Information regarding the proposal can be obtained by email: aneff@nixafire.org

The bids must be sealed in an envelope and the outside clearly marked “RFP Training Facility”. Sealed bids must be delivered to the Nixa Fire Protection District Headquarters located at 301 S Nicholas Rd, Nixa Missouri 65714 not later than 8:00 am on February 8th, 2023. The sealed bids will be opened during the committee meeting on February 8th, 2023, at 8:30 a.m. Absolutely no facsimile bids will be accepted.

Pursuant to Missouri Revised Statute, the Nixa Fire Protection District reserves the right to accept or reject any or all bids.

INSTRUCTIONS TO PROPOSERS

Request for Proposal (RFP) (February 2023)

ACCEPTANCE OF PROPOSALS – The right is reserved, as the interest of the Nixa Fire Protection District (hereinafter, the Fire District) may require, to reject any or all proposals and to waive any nonmaterial informality or irregularity in the responses received. All such responses will be in English. The Fire District will select a Proposer as described below or reject all Proposals within (60) sixty days from the date the responses are opened.

RFP ENVELOPE IDENTIFICATION – Proposers shall submit their response in a sealed envelope which shall be clearly labeled with the organization/individual name and address. Proposers are requested to indicate in the **LOWER LEFT-HAND CORNER OF THEIR ENVELOPE** “RFP Training Facility”.

MAILING OF PROPOSALS– One (1) original copy of all responses are to be mailed or delivered to the Fire District, 301 S Nicholas Rd Nixa MO 65714. Proposals will not be accepted by FAX, e-mail, internet, telephone or telegraphic means. Information regarding the proposal can be obtained by email: aneff@nixafire.org

SELECTION – The proposal selected will be that which best meets the needs of the Fire District. Said Selection will be made as per the guidelines created by the Nixa Fire District. The content of the proposal, the experience of the firm/individuals, the flexibility and durability of the

proposed facility and the result of any scheduled interview(s) may be considered in making the selection.

WITHDRAWAL OF PROPOSALS - Proposers may withdraw their proposals at any time prior to the RFP closing time by fax or written request. No Proposers shall withdraw its response for a period of sixty (60) calendar days from the RFP opening date. Negligence on the part of the Proposer in preparing a response confers no right of withdrawal or modification of a proposal after it has been opened. No response will be opened which has been received after the closing time specified in the RFP document and it will be returned unopened to the Proposer.

ALTERNATE RESPONSES - The RFP describes the service and level of experience/expertise, which the Fire District feels are necessary to meet the performance requirements of the Fire District. Proposers desiring to submit a response on items which deviate from these specifications, but which they believe to be equivalent, are requested to submit alternate responses. However, **ALTERNATE CONTAINERS MUST BE CLEARLY INDICATED AS SUCH AND DEVIATIONS FROM THE APPLICABLE SPECIFICATIONS PLAINLY NOTED.** The response must be accompanied by complete specifications of the items offered.

COSTS - Unit costs must be clearly identified for each component requested by the RFP document or otherwise submitted by the Proposer. All costs shall be stated in U.S. dollars. In case of mistake in extension of cost, unit cost shall govern. All costings must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the proposal or their authorized representative.

SIGNATURES - Each proposal must be signed by the Proposer with its usual signature. Proposals by partnerships must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Proposals by corporations must be signed with the name of the corporation, followed by the signature and title of person authorized to bind it on the matter. All signatures must be in ink.

INVESTIGATION - Proposer shall make all investigations necessary to thoroughly inform itself regarding the supplies and/or service to be furnished in accordance with the RFP. No plea of ignorance by the Proposer, of conditions that exist or that may hereafter exist because of failure or omission on the part of the Proposer to make the necessary examinations and investigations, will be accepted as a basis for varying the requirements of the Fire District or the compensation to the Proposer.

A pre-Bid Conference can be scheduled to ensure understanding of what the district is intending to be provided by request.

INFORMATION TO PROPOSERS

Executive Summary

Nixa Fire Protection District Training Facility RFP

Board of Directors:
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The Nixa Fire Protection District is seeking proposals for a multi-story live fire & search training facility to be installed at the districts selected and prepared location.

Statement of Work and Background

The Nixa Fire District is soliciting proposals for a new multi-story live fire & search training facility.

The current site is prepared to meet the specifications of the selected vendor product.

The Fire District expects to see an improvement in the readiness, safety and fire ground tactical knowledge of its fire suppression crews.

New System Requirements

Training Facility Vendor Prequalification Requirements:

1. At time of proposal, vendor shall employ certified welders as required by American Welding Society (AWS) D1.1 Structural Welding Code. Vendor shall submit certificates showing compliance.
2. At time of proposal, vendor shall employ a Registered Professional Engineer (PE) and shall submit certificate showing compliance. Professional Engineer shall provide a memo upon project delivery specifying that the rappelling anchors are in compliance with Occupational Safety and Health Administration (OSHA) standards.
3. At time of proposal, vendor shall provide past performance (within 500 miles) along with customer contact information showing capability to fabricate/delivery a similar structure.

Training Facility General Requirements:

1. The training facility shall be a multi-story structure that is deigned in a way that replicates structures found in our response area and meet the requirements for ISO credit and be built in full compliance of NFPA 1402 and any other applicable standards.
2. The training facility shall be fabricated from single trip International Organization for Standardization (ISO) containers.
3. Vendor shall include a graphical representation of their training facility solution with their proposal which satisfies the specifications as noted below.
4. Vendor shall provide layout drawings of training facility upon project award to coordinate location of all features/training props with customer.

5. The training facility shall contain a warranty for, at minimum, a period of (1) one year for workmanship & materials from the date of completion.
6. Vendor shall include a training course to include but not limited to the use, care, and function of the building and associated props
7. Vendor shall include an electronic version of the Training Facility Operations Manual at time of delivery.
8. The training facility shall include a minimum of (2) designated Class “A” live fire burn rooms that follow applicable National Fire Protection Association (NFPA) standards.
9. The training facility shall provide at least one straight stair well designed for certain trainings to remove victims and patients by EMS and Fire crews in simulated fire scenarios.
10. The training facility shall provide rope rappelling training capabilities that follow applicable OSHA standards.
11. The training facility shall include sufficient egress to allow for various training scenarios.
12. The training facility shall include multiple egress/rescue window opening with appropriate anchor capabilities in compliance with NFPA and OSHA standards on each level of the facility.
13. Training facility shall provide multiple real-world size and sill height windows.
14. The training facility exterior shall be painted customer choice of color and the roof system shall consist of non-slip surface suitable for safe walking and work and safety rails with access areas.
15. The training facility shall provide for hallways and corridors to emulate real world layouts of interior structural components that the fire fighters experience when advancing hose lines and searching for victims. It is desired for this system to be movable and reconfigurable if possible.
16. The training facility should be situated in a manner to increase water run off or be fitted with a drainage system to move water from the building
17. All open areas that could accumulate water shall be sealed or provide drainage
18. Anchored to current concrete pad, anchoring system should be one that ensures no movement of the training facility. Building must be built in a fully modular design. Every component must be built to be able to remove for future building expansion, repair, or container replacement. All containers will be lashed using ISO wide flange twist locks.

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19. Price must include delivery and erection of building on site.

20. Building must be fabricated in accordance with NFPA 1402

Training Facility Specifications:

1. Minimum of two Class “A” Live Fire Burn Rooms:
 - a. Designated live fire burn area shall be fabricated as a fully insulated steel frame structure within the container or equivalent NFPA compliant design.
 - b. Designated live fire burn area shall provide the necessary system components to create various fire scenarios.
 - c. Designated live fire burn area shall be enclosed or semi-enclosed and accessible a reinforced wall system and have compliant egress and ventilation.
2. Facility shall provide the following additional training capabilities:
 - a. 4’ x 8’ Wall Breach Simulator for each level: Designed to hold 2” x 4” wood studs spaced at 16” on center. Simulator will allow for the placement of siding, plywood, or sheetrock into the prop for wall breach simulation exercises.
 - b. Exterior Full Height Standpipe System, with FDC connections at each floor. System should also include at least 2 sprinkler heads
 - c. Pitched Roof Ventilation Simulator: Designed to hold 2 sheets of 4x8 OSB type of material This Simulator will allow for easy replacement of wood studs and plywood. Ideally placed over a burn chamber. Should include easy access and egress for the instructor and student
 - d. Building must include two tier exterior stair runs on the Charlie side of the building to access floors two and three. This stairway will act as the secondary means of egress to follow NFPA 1402 Specifications.
 - e. Port hole (sized 12x12 and approx. 4’ off the ground) for cold smoke system to be added later
 - f. Confined space repel access hole, and meet compliance with NFPA and OSHA standards
 - g. Minimum of two forcible entry doors

Warranty coverage of parts and labor, at a minimum, should be for one year after the completion of the project.

Proposal Response Requirements:

The proposal shall include the following components:

Project Approach

Proposer should identify the project team, background, and all relevant experience. This includes any subcontractors the proposer plans on utilizing.

Proposer provides in detail the implementation plan and schedule for all aspects of the project.

Company Background / Experience

Proposer should provide the following:

- 1) Services the Proposer specializes in, the primary markets served, and the number of employees.
- 2) Number of years that the Proposer has been in existence.
- 3) Number of mission-critical system installed for fire departments.
- 4) Number of years of experience as a multi-story live fire & confined space training facility supplier.
- 5) Explain your service history and your service approach for this project, and (after installation) include specialized training, response time and number of technicians to be trained.

Pricing

Complete copy of the Request for Proposal with price, option pricing and signatures.

References

Proposer shall provide 3 references for multi-story live fire & search training facility projects completed within the past five (5) years that best demonstrate the Proposer's experience with projects similar in scope to what is outlined in this proposal. The references should include the Name of the Fire Department, contact name, contact phone number and email address.

The Fire District will review and analyze each proposal and reserves the right to select the proposer who offers the best value. The Fire District shall select the vendor which, in the district's opinion, has made a proposal best suited to the needs and goals of the Fire District and deemed to follow the terms of this RFP.

Response Format to RFP

This section serves as a checklist for the expected format of the Vendors' response to the RFP. Any supporting documentation should be included in an appendix or attachment.

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a. **Cover Letter**

A letter of introduction, including the name and address of the Vendor submitting the proposal and the name, address, and phone number of the person(s) to contact who will be authorized to present and bind the Vendor to all commitments made in the response.

b. **Approach to Project**

Proposer should identify the project team, background and all relevant experience. This includes any subcontractors the proposer plans on utilizing. Proposer provides in detail the implementation plan and schedule for all aspects of the project. Warranty of the system shall be explained in detail.

c. **Background**

Proposer should provide the following:

- Services the Proposer specializes in, the primary markets served,
- Number of years that the Proposer has been in existence.
- Number of mission-critical system installed for fire departments.
- Number of years of experience as a multi-story live fire & confined space training facility supplier.
- Explain your service history and your service approach for this project, and (after installation) include specialized training, response time and number of technicians to be trained.

d. **Pricing** – Complete copy of the Request for Proposal with price, option pricing and signatures.

e. **Complete copy of RFP** including appropriate signatures.

Provide a copy of the RFP with signatures certifying understanding and compliance with the total proposal package.

The executing of this form certifies understanding and compliance with the total bid/proposal package.

PROPOSAL SUBMITTED BY:

Company Tax ID#

Address

City State Zip Daytime Telephone #

After Hour Telephone # Contact Person (Please print or type)

Name of Authorized Agent or Officer Title

Signature of Authorized Agent or Officer Date

PLEASE MARK ENVELOPE: "RFP Training Facility"