



*Barbara Jo Crea, Director  
Gary Quinn, Deputy Director  
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John P. Kelly, Commissioner  
Frank Sadeghi, Commissioner*

*Tristin J. Collins, Director, Management & Budget  
Jennifer L. Bowens, Purchasing Agent*

*County of Ocean  
Administration Building  
101 Hooper Avenue  
Toms River, NJ 08754*

***BID***

***FURNISHING AND DELIVERY OF SIMULATED LIVE BURN FIRE PROPS***

***2024***

***ADVERTISEMENT DATE: August 7, 2024  
OPENING: August 27, 2024, 11:00 am***

***Bid Category: 24- Safety and Protection Equipment and Related Services***

## ***Notice to Bidders***

**NOTICE IS HEREBY GIVEN** that sealed bids for the furnishing and delivery of **FURNISHING AND DELIVERY OF SIMULATED LIVE BURN FIRE PROPS** for the County of Ocean, will be received by the Purchasing Agent of the County of Ocean on **Tuesday, August 27, 2024 at 11:00 am**, prevailing time.

Bids will be received electronically via the County's Online Procurement Portal. Specifications are available on the Procurement Portal or for viewing only, in the Department of Purchase, Room #224, Administration Building, 101 Hooper Avenue, Toms River, New Jersey. Direct all inquiries to Jennifer L. Bowens, Purchasing Agent.

Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et seq. and P.L. 1975 C. 127 (N.J.A.C. 17:27-1 et seq.) regarding equal employment opportunities and with the requirements of P.L. 1977 C.33 regarding corporate and/or partnership ownership.

The right to reject any and all bids is reserved in accordance with applicable law.

By order of the Board of Commissioners of the County of Ocean.

Signed:

**BARBARA JO CREA**, Director

**JENNIFER L. BOWENS**, Purchasing Agent

## ***Contact Information and Project Timeline***

### **Summary**

The purpose of this bid package is to provide the County of Ocean with a Contractor who will supply the materials or services described and specified herein.

### **Contact Information**

For further information regarding these specifications, contact

**Jessica Hannold**

Buyer

Email: [jhannold@co.ocean.nj.us](mailto:jhannold@co.ocean.nj.us)

Phone: [\(732\) 929-2103](tel:(732)929-2103)

**Department:**

Fire & First Aid Training Center

### **Timeline**

<b>Advertising Date</b>	August 7, 2024
<b>Bid Opening Date</b>	August 27, 2024, 11:00am Administration Building, 101 Hooper Ave., Room 119, Toms River, NJ, 08753

## ***Important Instructions for Electronic Submittal***

### **Instructions for Electronic Bid Submission**

The County is accepting electronic bid submissions with Open Gov by following these instructions:

Sign up for a FREE account at <https://procurement.opengov.com/portal/oceancounty>

Once you have completed account registration, browse back to this page: [County's OpenGov Electronic Bid Portal](https://procurement.opengov.com/portal/oceancounty/) (<https://procurement.opengov.com/portal/oceancounty/>)

Click on the bid of interest, then click "Draft Response".

Follow the instructions to submit the electronic bid.

It is important to note that this process should be completed well in advance of the bid deadline / bid opening. DO NOT WAIT UNTIL THE LAST MINUTE. The County's electronic submission system will not allow electronic bids to be submitted once the deadline has passed, even if you've already started the process. The deadline is based on the countdown timer found on the OpenGov bid submission page.

## ***Instructions to Bidders***

### **Bid Opening**

All bids will be opened publicly in the Administration Building, Room 119, 101 Hooper Avenue, Toms River, New Jersey, commencing at 11:00 am, prevailing time on Tuesday, August 27, 2024.

### **Electronic Bid Submissions**

Bids must be submitted electronically through Ocean County's Procurement Portal by the date and time stipulated in the Notice to Bidders.

### **Deadline Instructions**

The County will not be responsible for late bids, and no bids will be accepted if received after the time stipulated in the notice to bidders.

### **Completion of all Documents**

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package and must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

**NOTE: In order to access any DocuSign forms in this solicitation, you must first click "Draft Response".**

***Instructions on how to access the forms through DocuSign are available in the Attachments. Please note that in order to view the forms as a .pdf document, you must access DocuSign first. Once you access DocuSign, the option to download, save, print and complete the forms becomes available***

### **Right to Reject**

The County reserves the right to reject all bids in accordance with N.J.S.A. 40A:11-13.2, to waive any informalities in the bid and to accept the lowest responsible bid in accordance with applicable law.

### **Bidder Default**

In case of default by the bidder or contractor, the County of Ocean may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.

### **Indemnity**

The bidder, if awarded a contract, agrees to protect, defend and save harmless the County against any damage for payment for the use of any patented material process, article or device that may

enter into the manufacture, construction or form a part of the work covered by either order or contract, and he further agrees to indemnify and save harmless the County from suits or actions of every nature and description brought against it, for, or on account of injuries or damages received or sustained by any party or parties by, or from any of the negligent acts of the contractor, his servants or agents.

### **Specifications**

It is to be understood by the bidder that this bid is submitted on the basis of specifications prepared by the County and the fact that any bidder is not familiar with these specifications or conditions will not be accepted as an excuse.

### **Bid Security**

NO BID SECURITY

### **Performance Bond**

NO PERFORMANCE BOND

### **Pricing Proposal**

Bidders must use the pricing proposal provided in the bid specifications. Failure to use the pricing proposal in the bid specifications shall be cause for rejection of the bid.

### **Pricing**

Insert prices for furnishing all of the material and/or labor described or required. Prices shall be net, including any charges for packing, crating, containers, etc. and all transportation charges fully prepaid by the contractor F.O.B. destination and placement at locations specified by the County. No additional charges will be allowed for any transportation costs resulting from partial shipments made at the vendor's convenience when a single shipment is ordered.

### **Payment**

Payments will be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. The County will not pay interest or late fees regardless of language provided.

### **Discrepancy in Pricing**

In the event that there is a discrepancy between the unit prices and the extended totals, the unit prices shall prevail. In the event there is an error of the summation of the extended totals, the computation by the OWNER of the extended totals shall govern.

### **Award Timeframe**

Award will be made by Ocean County Board of Commissioners within sixty (60) days after receipt of bids.

### **Equal or Tie Bids**

The County of Ocean reserves the right to award at their discretion to any one of the tie bidders where it is most advantageous for the County to do so, pursuant to N.J.S.A. 40A:11-6.1.

### **Tax Exempt**

The County of Ocean is exempt from any State sales tax or Federal excise tax.

### **Equivalent Product**

For purpose of evaluation where an equivalent product is being furnished, bidder must indicate any variation to our specifications no matter how slight. If no variations are indicated, it will be construed that the bid fully complies with our specifications.

### **Quantities**

The quantities shown on the pricing proposal are **estimates only**, and Ocean County will not guarantee any minimum purchase. The County reserves the right to decrease or omit quantities as needed over the course of the contract. The county will not consider any minimum requirements imposed on order quantities. The County also reserves the right to increase quantities to twenty (20) percent of the maximum quantities listed at the unit price bid, in accordance with N.J.A.C. 5:30-11.3. *Note: Actual orders are placed upon receipt of a Purchase Order, on an as needed basis. The County will not be responsible to pay for any product that was not ordered through a Purchase Order.*

### **Delivery of Goods and Services**

Delivery of items shall only be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

### **American Goods and Products**

All contractors must comply with the provisions of New Jersey Statute Title 40A:11-18, when applicable.

### **Assignment**

This agreement shall not be assigned without the written consent of the County of Ocean.

### **NJ One Call**

By presenting a bid, contractor declares that he is aware of and, if required, will comply with the requirements of the "Underground Facility Protection Act (Public Law 1994, Chapter 118)" prior to commencing any intended excavation. The telephone number to call is 1-800-272-1000.

### **Public Works Contractor Registration Act, N.J.S.A. 34:11-56.48 et seq**

The bidder must comply with the provisions of "The Public Works Contractor Registration Act", if applicable.

- All named contractors must be registered with the Department of Labor and Workforce Development pursuant to the Public Works Contractor Registration Act at the time the proposal is received, or the proposal will be determined to be non-responsive.
- Any non-listed contractor must be registered with the Department of Labor and Workforce Development prior to physically starting work. It is the responsibility of the General Contractor to insure that all non-listed sub-contractors comply.
- Contractors are encouraged to submit their and all named sub-contractors' Public Works Contractor Registration Certificates with the bid.

### **Prevailing Wage & Labor Laws**

The New Jersey Prevailing Wage Act (P.L. 1963, Chapter 150) and provisions of the State Labor Laws must be complied with by the successful bidder, if applicable. The current Prevailing Wage Rates can be found online at <https://www.nj.gov/labor/wageandhour/prevailing-rates/public-works/currentprevailingwage.shtml>

### **New Jersey Business Registration Requirements**

Pursuant to N.J.S.A. 52:32-44, Ocean County ("Contracting Agency") is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

**Prior to contract award or authorization, the contractor shall provide the Contracting Agency with its proof of business registration and that of any named subcontractor(s).**

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the Contracting Agency prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

During the course of contract performance:

- (1) the contractor shall not enter into a contract with a subcontractor unless the subcontractor first provides the contractor with a valid proof of business registration.
- (2) the contractor shall maintain and submit to the Contracting Agency a list of subcontractors and their addresses that may be updated from time to time.



(3) the contractor and any subcontractor providing goods or performing services under the contract, and each of their affiliates, shall collect and remit to the Director of the Division of Taxation in the Department of the Treasury, the use tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq.) on all sales of tangible personal property delivered into the State. Any questions in this regard can be directed to the Division of Taxation at (609)292-6400. Form NJ-REG can be filed online at <http://www.state.nj.us/treasury/revenue/busregcert.shtml>.

Before final payment is made under the contract, the contractor shall submit to the Contracting Agency a complete and accurate list of all subcontractors used and their addresses.

Pursuant to N.J.S.A. 54:49-4.1, a business organization that fails to provide a copy of a business registration as required, or that provides false business registration information, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000, for each proof of business registration not properly provided under a contract with a contracting agency.

### **Pay to Play Requirements**

Starting in January 2007, all business entities are advised of their responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532 or at [www.elec.state.nj.us](http://www.elec.state.nj.us).

### **Statement of Ownership**

The provisions of N.J.S.A. 52:25-24.2 applies to all forms of corporations and partnerships, including, but not limited to, limited partnerships, limited liability corporations, limited liability partnerships, and Subchapter S corporations.

### **Disclosure of Investment Activities in Iran**

Pursuant to Public Law 2012, c. 25, any person or entity that is a successful bidder or proposer, or otherwise proposes to enter into or renew a contract, must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any parent entity, subsidiary, or affiliate is identified on the State Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The list is found on Treasury's website at [www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf](http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf).

The Chapter 25 list must be reviewed prior to completing the certification. If a vendor or contractor is found to be in violation of law, action may be taken as appropriate and as may provided by law, rule or contract, including but not limited to imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party. Prior to contract award or authorization, the contractor shall provide the Contracting Agency with a completed Certification on Disclosure of Investment Activities in Iran.

### **Certification of Non-Involvement in Prohibited Activities in Russia or Belarus**

Pursuant to N.J.S.A. 52:32-60.1, et seq. ([L. 2022, c. 3](#)) any person or entity (hereinafter “Vendor”) that seeks to enter into or renew a contract with a State agency for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here:

<https://sanctionssearch.ofac.treas.gov/>. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

### **Insurance Requirements**

The contractor shall maintain primary insurance to protect against all claims under Workmen's Compensation, Comprehensive General Liability and Automobile. Except for Workmen's Compensation, all coverage shall apply as primary coverage with respect to any other insurance or self-insurance program afforded to the County. There shall be no endorsement or modification of this coverage to make it excess over other available insurance/coverage; alternatively, if the CGL and umbrella, excess of reinsurance states that it is pro rata, it shall be endorsed to be primary with respect to the County. Primary Coverage shall be subject to approval for adequacy of protection as per the following limits:

#### **Worker's Compensation**

1. Limits according to Worker's compensation Laws of the State of New Jersey.
2. Contractor's Liability not less than \$100,000.

#### **Comprehensive General Liability**

1. Bodily Injury - \$500,000 per person; \$1,000,000 per occurrence.
2. Property Damage - \$1,000,000 per occurrence.

#### **Comprehensive General Liability Details**

Comprehensive Automobile Liability shall include the following:

Business auto liability insurance or its equivalent with a minimum limit of \$1,000,000 per accident and including coverage for all of the following:

- A. Liability arising out of the ownership, maintenance or use of any auto;
- B. Auto non-ownership and hired car coverage.
- C. Contractor's Worker's Compensation, Comprehensive General Liability and
- D. Comprehensive Automobile Liability arising out of subcontractor's operations shall be identical as that listed above.

### **Proof of Insurance**

Copies of each insurance certificate shall be furnished to the County when requested.

**Open Public Records Act (OPRA)**

**\*\* ATTENTION\*\***

Responses received pursuant to this solicitation are subject to complete disclosure pursuant to the Open Public Records Act. Please note that disclosure includes any and all attachments and addenda supplementing the solicitation response. Accordingly, please do not include personal identifying information in any supplementary documents submitted with the solicitation response.

**County Cooperative Contract Purchasing System**

The County has established a "COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM" pursuant to N.J.S.A. 40a:11-1 et seq...

The IDENTIFIER for this system is:

**CK-02-OC**

This system allows local government contracting entities located within the geographical boundaries of the County to purchase goods and services awarded as a result of this bid proposal if it is extended by the low bidder.

Goods and services must be made available without substitution or deviation from specifications, size, features, quality, price or availability as herein set forth. It is understood that orders, if any, will be placed directly by contracting units, subject to the overall terms of the contract to be awarded by the County of Ocean.

The estimated quantities listed in this specification reflect only the needs of the agencies under the direct control of the Ocean County Board of Commissioners. If the vendor chooses to extend the resulting contract to all other contracting units, the quantities could be higher.

Please check (✓) the YES or NO box in the Vendor Questionnaire to indicate whether or not you will extend contract prices to all contracting units.

### ***Award Method***

Contract will be awarded on a lump sum basis.

## ***Mandatory Equal Employment Opportunity***

**N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)**

**N.J.A.C. 17:27**

### **GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

- Letter of Federal Affirmative Action Plan Approval
- Certificate of Employee Information Report
- Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at [www.state.nj.us/treasury/contract\\_compliance](http://www.state.nj.us/treasury/contract_compliance))

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.**

## ***Americans with Disabilities Act***

### **Equal Opportunity For Individuals With Disabilities**

The CONTRACTOR and the COUNTY do hereby agree that the provisions of title II of the Americans with Disabilities Act of 1990 (the "Act") (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the COUNTY pursuant to this contract, the CONTRACTOR agrees that the performance shall be in strict compliance with the Act. In the event that the CONTRACTOR, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the CONTRACTOR shall defend the COUNTY in any action or administrative proceeding commenced pursuant to this Act. The CONTRACTOR shall indemnify, protect and save harmless the COUNTY, its agents, servants and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The CONTRACTOR shall, at its own expense, appear, defend and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the COUNTY'S grievance procedure, the CONTRACTOR agrees to abide by any decision of the COUNTY which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the COUNTY or if the COUNTY incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the CONTRACTOR shall satisfy and discharge the same at its own expense.

The COUNTY shall, as soon as practicable after a claim has been made against it, give written notice thereof to the CONTRACTOR along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the COUNTY or any of its agents, servants and employees, the COUNTY shall expeditiously forward or have forwarded to the CONTRACTOR every demand, complaint, notice, summons, pleading, or other process received by the COUNTY or its representatives.

It is expressly agreed and understood that any approval by the COUNTY of the services provided by the CONTRACTOR pursuant to this contract will not relieve the CONTRACTOR of the obligation to comply with the Act and to defend, indemnify, protect and save harmless the COUNTY pursuant to this paragraph.

It is further agreed and understood that the COUNTY assumes no obligation to indemnify or save harmless the CONTRACTOR, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the CONTRACTOR expressly understands and agrees that the provision of this indemnification clause shall in no way limit the CONTRACTOR'S obligations assumed in this Agreement, nor shall they be construed to relieve the CONTRACTOR from any liability, nor preclude the COUNTY from taking any other actions available to it under any other provisions of this Agreement or otherwise at law.

## ***Intent***

### **CONTRACT TERMS**

The contract shall be for one (1) year from date of award, or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15.

### **INTENT**

The purpose of this bid package is to provide the County of Ocean with a Contractor who will supply the materials described and specified herein.

### **BID REVIEW**

Bids may be reviewed at the bid opening and results will be made available online through the County's procurement portal once the bid meeting has concluded. Additionally, bid results are available in the Ocean County Purchasing Department on the day following the bid openings for any interested party that may wish to review them.

### **AVAILABILITY OF FUNDS**

The County's obligation hereunder is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the County for payment of any money shall arise unless, and until funds are made available each year to the Ocean County Purchasing Agent.

### **MODIFICATIONS AND WITHDRAWALS**

Bids may be withdrawn from the bidder prior to the time fixed for opening. No right for withdrawal exists after the bid has been opened. Written request for withdrawal shall be signed by the bidder or proper corporate officers.

### **USE OF OTHER NAMES AND REFERENCES**

Unless otherwise stated, the use of manufacturers' names and product numbers are for descriptive purposes, and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise it is fully understood that they shall furnish all items as stated.

### **QUALITY**

The materials and supplies called for herein, shall be the best of their grade and types, prepared according to the best available standards or accepted formulas, and thoroughly tested and subjected to rigid examinations and standardization. Items not meeting these requirements shall be replaced at no cost to the County upon due notice of deficiency.



### **WARRANTY**

Manufacturer's warranty shall apply.

### **MODEL INFORMATION REQUIRED**

The manufacturer, make or exact models proposed as substitutes shall also be submitted on bidder's letterhead with any proposal contended to be "equivalent."

### **AVAILABILITY AND DELIVERY**

The bidder should indicate the number of days required for the delivery After Receipt of Order (A.R.O.). If not submitted with the bid proposal, the County reserves the right to request this information prior to the award of contract.

### **TRANSITIONAL PERIOD**

In the event services are terminated by contract expiration or by voluntary termination by either the Contractor or the County of Ocean, the Contractor shall continue all terms and conditions of said contract for a period not to exceed one (1) month at the County's request.

### **COMPLIANCE TO MINIMUM BID REQUIREMENTS / EQUIVALENT PROPOSALS**

It is the intent of these specifications to describe and govern the purchase of a new and unused FURNISHING AND DELIVERY OF SIMULATED LIVE BURN FIRE PROPS with any and all accessories as noted herein. The unit shall conform to the highest quality of manufacturing and design standards. Any item or items not specifically mentioned herein, but which would be required to produce a complete working unit, shall be supplied by the vendor.

All bidders must answer compliance questions in full. A general exception cannot be taken for any paragraph or item. If a bidder is basing his proposal on equipment other than what is specified in these bid documents and wishes the equipment he proposes to be considered as an "approved equal", he shall submit on a separate sheet, in the exact format of the technical specifications contained herein, an item by item description of that which he proposes to substitute including any and all variations from or exceptions to the conditions and specifications of this bid. Failure to comply may result in rejection of bid.

### **CURRENT BID RESULTS**

If there is a current contract in place for this bid, those results may be obtained by accessing our procurement portal at the below link:

<https://procurement.opengov.com/portal/oceancounty>

Once you have clicked the link, click "Advanced Search" to begin searching for the current opportunity.

## ***Specifications and Scope of Work***

### **SCOPE OF WORK**

See "Attachments", "Project Documents" for the Scope of Work and sample photos.

Additionally, the Compliance Pages containing detailed specifications for this bid are located in Question #11 of the Vendor Questionnaire.

## ***Vendor Questionnaire***

### **OpenGov Vendor Account Verification\***

I have verified that I am logged into OpenGov using an **account name** that corresponds to the **Tax ID number** and **Business Name** used throughout all documentation in this solicitation. I further understand that should my company be awarded a contract with Ocean County, the company information listed on in the **Contract Information Field** will be used to generate all contract documents.

☐ Please confirm

\*Response required

### **County Cooperative Contract Purchasing System\***

Vendor will extend contract prices to "County Cooperative Contract Purchasing System" Participants as described in [Instruction to Bidders](#) .

☐ Yes

☐ No

\*Response required

### **BID DOCUMENTS TO BE EXECUTED\***

Documents include:

- Signature Page
- Non-Collusion Certification
- Affirmative Action Questionnaire
- **Statement of Ownership (N.J.S.A. 52:25-24.2) (Mandatory Document)**
- Disclosure of Investment Activities in Iran
- Certification of Non-Involvement in Prohibited Activities in Russia or Belarus

**FAILURE TO SUBMIT ANY OF THESE DOCUMENTS MAY BE CAUSE FOR REJECTION OF YOUR PROPOSAL.**

All documents should be from this proposal package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising.

**NOTE: For detailed instructions on how to complete the forms via DocuSign, please access the "Instructions for Completing Forms in DocuSign" document available in the Attachments.**

**Please note: The County's preferred method of submission is DocuSign.**

[Click here to go to the form](#)

\*Response required

**CONTRACT INFORMATION\***

Should your company be awarded a contract with Ocean County, please provide the contact name and address where the contract documents should be mailed.

\*Response required

**Copy of Bidder's Certificate of Employee Information Report**

**Within seven (7) days after receipt of the notification of intent to award the contract or receipt of the contract, whichever is sooner, a Contractor should present one of the following to the County of Ocean:**

- (a) An existing federally approved or sanctioned affirmative action program.
- (b) A New Jersey Certificate of Employee Information Report Approval.
- (c) If the Contractor cannot present "a" or "b", the Contractor is required to submit a completed Employee Information Report (Form AA302 for Goods and Services; Form AA201 for Construction). This form is available [here](#).

**QUESTIONS BELOW MUST BE ANSWERED BY ALL CONTRACTORS ON THE AFFIRMATIVE ACTION DOCUMENT:**

1. Do you have a Federally approved or sanctioned Affirmative Action Program?

**If yes, please upload a photocopy of such approval.**

2. Do you have a State of New Jersey "Certificate of Employee Information Report" approval?

**If yes, please upload a photocopy of such certificate.**

**Please note, the only acceptable file forms are as follows:**

**Documents (doc, docx, rtf, txt, xls, xlsx, pdf)**

**Images (jpg, png, bmp, tif)**

**Copy of Bidder's New Jersey Business Registration Certificate**

Please use this area to upload your company's BRC.

Use this link to verify your company's BRC:

[https://www1.state.nj.us/TYTR\\_BRC/jsp/BRCLoginJsp.jsp](https://www1.state.nj.us/TYTR_BRC/jsp/BRCLoginJsp.jsp)

Please note that a BRC is not required at the time of bid submission but shall be required prior to the award of a contract.

**Please note, the only acceptable file forms are as follows:**

**Documents (doc, docx, rtf, txt, xls, xlsx, pdf)**

**Images (jpg, png, bmp, tif)**

**Mandatory Equal Employment Opportunity Statement\***

Does the BIDDER comply with the [#Mandatory Equal Employment Opportunity Statement](#)?

☐ Yes

☐ No

\*Response required

**Americans with Disabilities Act Provisions\***

Does the BIDDER comply with the [#Americans with Disabilities Act Provisions](#)?

☐ Yes

☐ No

\*Response required

**Contractor's Data Sheet\***

As evidence of the bidder's qualifications, (s)he shall be required to submit with this bid proposal information requested on the Contractor's Data Sheet.

Please complete the form by clicking on the link. Make sure that the email you complete the form with matches the email of your vendor account.

Please download the below documents, complete, and upload.

- [CONTRACTORS DATA SHEET and ...](#)

\*Response required

**Descriptive Literature and Warranty Details\***

Please supply all descriptive literature and warranty details for all items being bid as well as a list of all diagnostic tools and testing equipment, if applicable.

**Please note, the only acceptable file forms are as follows:**

**Documents (doc, docx, rtf, txt, xls, xlsx, pdf)**

**Images (jpg, png, bmp, tif)**

\*Response required

**COMPLIANCE PAGES FOR FURNISHING AND DELIVERY OF SIMULATED LIVE BURN FIRE PROPS\***

Please download the attached Compliance Pages. Complete each compliance line by placing a check mark in the box for yes or no. Once finished, upload the completed document. If you are taking any exceptions to any of the compliance lines, please list and explain each exception in detail on company letterhead. Please upload the exceptions letter with the completed compliance pages.

- [COMPLIANCE PAGES FOR FURNIS...](#)

\*Response required

**ADDITIONAL VENDOR DOCUMENTATION**

Please submit any additional information you wish to be considered as part of your bid package.

**Please note, the only acceptable file forms are as follows:**

**Documents (doc, docx, rtf, txt, xls, xlsx, pdf)**

**Images (jpg, png, bmp, tif)**

**Acknowledgement of Submission of Forms from Current Bid Package\***

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

☐ Please confirm

\*Response required

**Submission of Bid Package\***

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

☐ Please confirm

\*Response required

## Pricing Proposal

## FURNISHING AND DELIVERY OF SIMULATED LIVE BURN FIRE PROPS

Pricing shall include shipping, delivery and calibration.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Make/Model:	Delivery, A. R.O.:	Warranty:	Comments:	Custom
1	Furnishing And Delivery Of Class A Strip Mall/Tax Payer Fire Training Simulator Training Prop Model: Symtech Strip Mall/Taxpayer Fire Simulator St-Pro, As Specified Or Equal	1	EA							
2	Furnishing And Delivery Of An SUV Vehicle Fire Training Simulator Model: Symtech SUV Fire Simulator St+, As Specified, Or Equal	1	EA							
<b>TOTAL</b>										

## **GENERAL**

The Facility shall be delivered within 7 to 10 months upon contract award and final layout drawing approval.

The Facility shall be painted the County's choice of color. *Color shall be indicated on the Purchase Order.*

## **TRAINING & SUPPORT**

Awarded Vendor shall include a three (3) day "Train the Trainer Course" for up to twelve (12) students within two (2) weeks of delivery. Training shall be conducted at the County's site by an NFPA certified instructor. During the operational instruction, each student shall be trained on operational policies and procedures necessary for the safe and effective operation of the system, set up, unit familiarization, safety concerns, safety features, operations guidelines, preventative maintenance, and operational controls. Each student will receive sufficient training as to fully understand system capabilities, and a clear understanding of how the system operates.

Vendor shall provide full color operation and maintenance (O&M) manuals, a minimum of twelve (12) copies as well as an electronic version of all manuals. A Master Manual shall be provided for the department and each student shall receive a student operations manual including maintenance procedures.

## **WARRANTY**

Manufacturer shall warranty the structure to be free from defects in material and workmanship for a minimum period of one (1) year from date of acceptance by the County.

## **DELIVERY**

Unit will be shipped to the site. Bidder to pay freight and delivery charges. Delivery shall be complete to Ocean County Fire Academy, and the address shall be indicated on the Purchase Order. Vendor shall include an electronic version of the Training Facility Operations and Maintenance Manual upon delivery.

## **CODE COMPLIANCE**

This system shall meet or exceed current codes, standards, and recommendations for this type of equipment. Applicable codes include at a minimum:

NFPA 54	National Fuel Gas Code
NFPA 58	Liquefied Petroleum Gas Code
NFPA 70	National Electric Code
UL-508A	Standards for Industrial Control Panels
NFPA 1402	Facilities for Fire Training and Associated Props.
ANSI Z21 & 83	Standards for <b>Fuel Gas Burning Appliances and Equipment</b>



**SCOPE OF WORK – TWO-STORY STRIP MALL/TAXPAYER BURN BUILDING**

Two-Story Strip Mall/Taxpayer Burn Building Fire Training Facility (“Facility”) to be assembled on existing 55’ x 55’ concrete apron

**MINIMUM BIDDER REQUIREMENTS**

Prospective vendor shall provide the following with their bid/proposal for evaluation by the County. Failure to provide the required items may be cause for rejection:

- Graphical representation of offer, including Detailed cutaway views (3D models preferred) showing how the proposed solution meet the required training objectives
- Floorplans and elevations views for the exact design proposed
- Published literature/brochures
- A list of five (5) completed Container Fire Props including 2,300° F thermal lining system delivered within the last 3 years including photos of each, contact information for the end-user, delivery date
- Detailed information on the vendor’s fire extension simulation system, method, and control
- Information on service dispatch from within NJ
- Detailed information on the vendor’s thermal lining system
- Detailed information on the vendor’s fabrication methods and QC process
- NFPA certified instructor credentials
- Cost proposal
- Exceptions list (note: any exceptions may be immediate cause for rejection)
- Copy of vendor’s Warranty

**SCOPE OF WORK – SUV LIVE BURN FIRE PROP**

**MINIMUM BIDDER REQUIREMENTS**

Prospective vendor shall provide the following with their bid/proposal for evaluation by the County. Failure to provide the required items may be cause for rejection:

- Design drawings for their SUV Fire Prop that meet these specifications
- A list of five (5) completed SUV Fire Props delivered within the last 3 years including photos of each, contact information for the end-user, delivery date, and contract price
- The location of a NJ-based SUV Fire Prop installation for review and evaluation should the County decide to visit it for further evaluation.
- Detailed information on the pilot providing method used
- Detailed information on the two-stage main flame control including progressive fire growth from vapor to liquid fires
- Detailed information on the Wireless remote control
- Information on service dispatch from within NJ
- Design drawings for the add alternate SUV Fire Prop

ITEM # 1 – EXAMPLE PHOTO - FRONT AND BACK VIEW OF A 2.5 STORY CLASS A  
LIVE FIRE TRAINING PROP



ITEM # 2 – EXAMPLE PHOTO - SUV VEHICLE FIRE TRAINING SIMULATOR MODEL: SYMTECH  
SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL



**ITEM #1 – FURNISHING AND DELIVERY OF CLASS A STRIP MALL/TAX PAYER FIRE TRAINING SIMULATOR TRAINING PROP MODEL: SYMTECH STRIP MALL/TAXPAYER FIRE SIMULATOR ST-PRO, AS SPECIFIED OR EQUAL**

**OVERVIEW:**

Furnishing, delivery and installation of a 2.5 story, Class A Strip Mall/Taxpayer Fire Simulator designed to provide hands-on training to firefighters in recognition, tactics and extinguishment surrounding strip mall and tax payer fires including fire extension into a shared attic space. Inclusion of a train-the-trainer program for instructors and warranty.

**COMPLIANCE**  
**YES**      **NO**

**SCOPE**

Furnish, Deliver and Install a Stripmall/Taxpayer Fire Simulator, onto County's existing concrete pad.

The Facility shall include at least the following:

Multi-unit deep, multi-story container facility constructed from International Organization for Standardization (ISO) containers  
(approximate footprint 32 ft wide x 54 ft long).

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Facility must be fully usable, i.e., all container roofs shall have roof decks consisting of galvanized bar grating (no substitutes) and the facility shall have multiple multi-story staircases, landings, and it shall include apartment style balconies.

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All exterior staircases and landings and balconies shall be galvanized (**no exceptions**).

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Include heavy duty steel tubular construction for all openings.

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Include smooth finishes flashed as necessary for a complete job.

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Re-connect bottom rail of each container with the top rail anywhere an opening greater than 30" tall or wide exists.

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Consist of a modular design welded together on site for durability and longevity.  
*Simple stacked / bolt-together designs shall not be acceptable.*

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Include marine and industrial grade paint, choice of color. Interior must be painted, but thermal lining shall be unpainted.

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Include rooftops with galvanized bar grating (no substitutes) and OSHA Compliant Guard Railing. All exposed container rooftops must include galvanized bar grating and railings.

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Include multiple points of egress via personnel doors and include windows for differing training scenarios. Facility must include a significant number of exterior lockable training doors and training windows. Training windows shall include stainless steel laddering plates.

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Include numerous interior bulkhead walls and doors to create challenging training scenarios. Interior training spaces shall include open-floor concepts in some cases where rooms and/or burn rooms span multiple containers.

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**ITEM #1 – FURNISHING AND DELIVERY OF CLASS A STRIP MALL/TAX PAYER FIRE TRAINING SIMULATOR TRAINING PROP MODEL: SYMTECH STRIP MALL/TAXPAYER FIRE SIMULATOR ST-PRO, AS SPECIFIED OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>SCOPE (Cont'd)</b>		
Include multiple exterior staircases with landings in multiple locations.	<input type="checkbox"/>	<input type="checkbox"/>
Include a Fire Department logo (min.30") and multiple theming signs for a realistic exterior aesthetic. Vinyl is not acceptable. Use street signs or other durable materials for signage.	<input type="checkbox"/>	<input type="checkbox"/>
The Live-Fire Component of the training facility shall include multiple fully protected burn rooms on multiple floors (min. of 6 total burn rooms). Burn room insulation material shall be rated for a minimum of 2,300 degrees F and shall be covered with a steel heat shield. Thermal protective system must be designed to withstand repeated thermal shock without warping or degrading.	<input type="checkbox"/>	<input type="checkbox"/>
Each burn room shall include heavy duty steel constructed props. Props to include: Stove Prop, Sofa Prop, Checkout Counter Prop, and three (3) Bed Props.	<input type="checkbox"/>	<input type="checkbox"/>
Props must also have the ability to accept a 75 lb. Class "A" fuel load in multiple locations per prop.	<input type="checkbox"/>	<input type="checkbox"/>
Equipment rooms/closets shall be included for future expansion up to and including future gas props. Design shall make these usable for search and rescue in the interim.	<input type="checkbox"/>	<input type="checkbox"/>
Burn rooms shall be free from any and all Class "A" combustibles as per NFPA 1403.	<input type="checkbox"/>	<input type="checkbox"/>
Flooring shall consist of a 3/16" steel plating with reinforcement covered with pavers for all burn rooms.	<input type="checkbox"/>	<input type="checkbox"/>
Include a live fire simulation extension in a min of (4) locations, including smoke and sound effects all controlled wirelessly.	<input type="checkbox"/>	<input type="checkbox"/>
Include a forced entry door prop.	<input type="checkbox"/>	<input type="checkbox"/>
Include (4) Re-settable Ceiling Breach Panels (Fire Extension Checkpoints).	<input type="checkbox"/>	<input type="checkbox"/>
Include 40-ft x 8-ft Pitched Roof w/ 4-ft x 8-ft Sacrificial Chopout (8/12 Pitch).	<input type="checkbox"/>	<input type="checkbox"/>
Include 14-ft x 8-ft Pitched Roof w/ 4-ft x 8-ft Sacrificial Chopout (6/12 Pitch).	<input type="checkbox"/>	<input type="checkbox"/>
Include a Smoke Generation System.	<input type="checkbox"/>	<input type="checkbox"/>
Include 4' x 8' Wall Breach Simulator (holds two (2) vertical 2 x 4' and Drywall on Both Sides).	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #1 – FURNISHING AND DELIVERY OF CLASS A STRIP MALL/TAX PAYER FIRE TRAINING SIMULATOR TRAINING PROP MODEL: SYMTECH STRIP MALL/TAXPAYER FIRE SIMULATOR ST-PRO, AS SPECIFIED OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>SCOPE (Cont'd)</b>		
Include Attic Access Panel.	<input type="checkbox"/>	<input type="checkbox"/>
Include Roof Shoring Prop.	<input type="checkbox"/>	<input type="checkbox"/>
Pitched roof prop for vertical ventilation training purposes, including multiple chop-out areas and provisions to mounting roof rafters under sacrificial plywood.	<input type="checkbox"/>	<input type="checkbox"/>
Preliminary proposal drawings are required with the bid/proposal. Final drawings shall be submitted to the County upon contract award.	<input type="checkbox"/>	<input type="checkbox"/>
<b>2.5 Story Premium Container Building Structure:</b>		
(4) Modified 40-ft ISO Standard Height New/1-Way Container		
1,756 Approx. Total Sq. Ft. of Training Space (1,280 Sq. Ft. Interior / 476 Sq. Ft. Exterior)		
Modular Bolt-Together Design		
Marine Grade Paint (choice of color)		
Heavy Duty Steel Framing System (for all openings)		
Galvanized Bar Grating Roof Working Decks		
Galvanized Steel Roof Railings		
(10) Exterior Training Doors (lockable) (including forcible entry door)		
(1) Equipment Room/Storage Door		
(6) Commercial Single Training Windows		
(4) Apartment Double Training Windows		
Interior Bulkheads Walls as Per Drawings		
(2) Exterior Galvanized Staircases with Platforms to 2nd Level and Attic Level	<input type="checkbox"/>	<input type="checkbox"/>
<b>Burn Rooms:</b>		
(6) Class "A" Burn Rooms including the following realistic Class "A" Props		
Stove Prop		
Sofa Prop		
Checkout Counter Prop		
(3) Bed Props		
2,300° F Thermal Lining System		
Steel Floors in All Burn Rooms w/ Floor Drains and Scuppers as Required		
Pavers to Finish All Burn Room Floors	<input type="checkbox"/>	<input type="checkbox"/>
<b>Other Training Features:</b>		
Simulated Attic/Cockloft Fire Extension (Wireless Controls)		
(4) Re-settable Ceiling Breach Panels (Fire Extension Checkpoints)		
40-ft x 8-ft Pitched Roof w/ 4-ft x 8-ft Sacrificial Chop out (8/12 Pitch)		
14-ft x 8-ft Pitched Roof w/ 4-ft x 8-ft Sacrificial Chop out (6/12 Pitch)		
Smoke Generation System		
4' x 8' Wall Breach Simulator (holds two vertical 2x4' and Drywall on Both Sides)		
Roof Shoring Prop		
Attic Access Panel	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #1 – FURNISHING AND DELIVERY OF CLASS A STRIP MALL/TAX PAYER FIRE TRAINING SIMULATOR TRAINING PROP MODEL: SYMTECH STRIP MALL/TAXPAYER FIRE SIMULATOR ST-PRO, AS SPECIFIED OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>Electrical</b>		
Service panel (240/120V 50A) with shore power connection inside facility	<input type="checkbox"/>	<input type="checkbox"/>
Outlets/lighting in Attic/Cockloft (generator power only)	<input type="checkbox"/>	<input type="checkbox"/>
<b>Additional Features</b>		
Forcible Entry doors – Ground Level		
Forcible Entry Doors – Apartment Level (2)	<input type="checkbox"/>	<input type="checkbox"/>
<b>Code/Safety Compliance:</b>		
NFPA 1402 Standard on Facilities for Fire Training and Associated Props (Current Edition)		
Occupational Safety and Health Administration (OSHA) Compliant	<input type="checkbox"/>	<input type="checkbox"/>
<b>Deliverables</b>		
Design Drawings Package		
Delivery to Waretown, NJ		
On-Site Setup/Testing		
Train-the-Trainer Program (minimum of 12 instructors)		
1-Year Standard Warranty		
Schedule to completion	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL**

**OVERVIEW:**

Furnishing, delivery and installation of an SUV Fire Simulator designed to provide hands-on training to firefighters in recognition, tactics and extinguishment surrounding car and SUV fires and fire extension. Inclusion of a train-the-trainer program for instructors and warranty. Vendor must submit drawings of its proposal with its bid.

**SCOPE:**

Furnish, Deliver and Install an SUV Fire Simulator training prop which shall include at least the following:

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>SUV Vehicle Fire Simulator</b>		
SUV Prop with working doors and hood	<input type="checkbox"/>	<input type="checkbox"/>
Fully Integrated Pilot and Main Burner System	<input type="checkbox"/>	<input type="checkbox"/>
Integrated Wireless Controls	<input type="checkbox"/>	<input type="checkbox"/>
Manual Ball Valves in line with Burners to section off/concentrate fire location	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Incipient Fire (4,500,000 btu/hr)	<input type="checkbox"/>	<input type="checkbox"/>
High Quality Steel Construction	<input type="checkbox"/>	<input type="checkbox"/>
On-Site Setup	<input type="checkbox"/>	<input type="checkbox"/>
Train-the-Trainer Program (minimum of 12 instructors)	<input type="checkbox"/>	<input type="checkbox"/>
1-Year Standard Warranty	<input type="checkbox"/>	<input type="checkbox"/>
<b>Equipment Specifications</b>		
<b><u>Possible Fires and Effects</u></b>		
The Vehicle Fire system shall be capable of providing Engine, Front Passenger Compartment, Rear Passenger Compartment, Trunk, and Wheel/Tire fires with multi-stage flame control. Pilot flame must be vapor propane. The simulator must have both vapor and liquid supply hoses and valves and burners that can be burned in sequence using the included Wireless Control.	<input type="checkbox"/>	<input type="checkbox"/>
All pilot and burner equipment shall utilize stainless steel components. The system shall include an intermittent pilot design as specified in NFPA 1402.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall provide gas and electric hook ups that can be setup and removed without the use of tools.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Industrial Controls:</b>		
▪ Burner management system		
▪ Wireless control: Push-button design along with centralized control		
▪ Connects to 110v		
▪ Pilot verification		
▪ System reset	<input type="checkbox"/>	<input type="checkbox"/>



**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>Safety Systems:</b>		
<ul style="list-style-type: none"> <li>▪ On-site inspection by an OSHA-recognized NRTL</li> <li>▪ Independent, monitored, and interlocked pilots</li> <li>▪ Fail-safe valves (Close in 1 second or less)</li> <li>▪ Wireless control - E-stop Switch</li> <li>▪ Wireless control - Shock Detection Disable</li> <li>▪ Operator Present “Deadman”</li> <li>▪ Safe Start Check</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>
The Vehicle prop shall include cuttable A, B, C, and D pillars, a forcible entry hood, and a sacrificial cutting panel that is easily replaceable. The pillars shall utilize low cost, easily replaceable material that can be obtained at local hardware stores and cut to size. The cutting panel shall be designed to allow firefighters to pie-cut and expose the latch to make entry into the hood compartment.	<input type="checkbox"/>	<input type="checkbox"/>
The vehicle prop shall include four (4) fully operable doors, a hood with support stand, mock engine block, front individual seats, a rear bench seat, and an operable 2-piece trunk. The roof liner of the vehicle shall be water-cooled for added longevity.	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Wireless Control System</u></b>		
The primary means of control shall be a wireless pendant capable of controlling the hose line trainer pilot and main fires and effects.	<input type="checkbox"/>	<input type="checkbox"/>
The hose line trainer shall be capable of progression from vapor to liquid propane fires. The flame control pendant shall include an emergency shutdown switch when activated, shall immediately shutdown all training fires.	<input type="checkbox"/>	<input type="checkbox"/>
Systems that require manual modification to the burners, such as opening or closing ball valves, between evolutions shall not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
The fuel gas delivery to the simulator shall be interlocked with a listed commercial flame safeguard system. Audible or visual pilot confirmation or any method other than confirmation via a commercial flame safeguard controller shall not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
A Safe Start Check feature shall be designed into the flame control system for constant monitoring of all safety systems for satisfactory operation, the system shall immediately shut down the fuel delivery to the vehicle fire simulator in the event of safety device activation, manual e-stop depressed or loss of proven pilot flame from the commercial flame safeguard system.	<input type="checkbox"/>	<input type="checkbox"/>
All electrical cables to accommodate the operation of all devices simultaneously shall be provided by the bidder.	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**Wireless Control System (Cont'd)**

The Wireless Remote shall include the following:

- E-Stop switch
- Shock Detection Disable – This safety function can prevent the uncontrolled output of commands in specific emergencies. An included sensor can detect if the transmitter receives a hard impact, dropped or thrown. This feature will deactivate the fire generation system.
- IP 65 enclosures (Transmitter and Receiver)
- Wireless charging

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**Control Podium**

A wheeled control podium shall provide secondary means of control. The podium shall include an e-switch, e-stop, pilot and main flame push button for both vapor and liquid fire, and a selector switch to pass control back and forth from the podium or wireless remote.

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**Stainless Steel Ignition (Pilot) Module**

A stainless steel ignition pilot module shall be utilized, including electronic ignition and continuous flame monitoring of the pilot and main burners.

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The ignition fuel delivery system shall be equipped with redundant fail-safe safety shutoff valves that are listed for gas use. The main fuel gas burner shall be separately equipped with two safety fuel gas shutoff valves wired in parallel and piped in series.

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The fuel delivery systems equipment shall provide two-stage main flame operation with independent vapor and liquid propane valve trains. Systems that only offer factory configuration for either vapor or liquid are not acceptable.

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All pilot and burner associated equipment shall utilize stainless steel components. The system shall include an intermittent pilot design as specified in NFPA 1402. It shall include an ionization method for pilot proving for increased reliability. The use of thermocouple and ultraviolet pilot proving methods *are not acceptable*.

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The ignition pilot modules shall be constructed of stainless steel and include a stainless-steel outer heat shield that surrounds the entire ignition pilot module. The heat shield shall be water cooled.

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All LPG rated fuel delivery hoses to accommodate the operation of all devices simultaneously shall be provided as required.

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Additionally, the first stage regulator shall be provided along with any required ACME quick-connect brass adapters for the fuel supply tank

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**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>4' x 6' Fuel Spill Burn Pan (Hose Line Trainer)</u></b>		
The moveable burn pan shall be designed at a minimum to include the following:		
▪ 4 x 6' providing a 24 sq. ft. Fuel Spill Fire Simulator for Hoseline and Extinguisher Training		
▪ Vapor and Liquid Main Burners ( <i>for 4,500,000 btu/hr up to more than 60,000,000 btu/hr</i> )		
▪ Steel Wheels to easily move pan for training purposes		
▪ Stainless Steel Construction	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Wheel-Brake / Fuel Tank Rupture Fire</u></b>		
The pan shall include an additional burner to simulate a wheel-brake / tank rupture fire.		
This effect shall be selectable by the ignition officer using the Wireless Remote and shall		
▪ not require any additional manipulation of the pan assembly or any manual ball valves.	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>ST+ SUV Prop</u></b>		
▪ The vehicle fire simulator shall represent a mid-size SUV	<input type="checkbox"/>	<input type="checkbox"/>
Dimensions: 13.5 ft. long x 5 ½ ft. wide x 5 ¾ ft. tall.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall include functioning driver and passenger doors, hood with hood support arm, trunk, a dash board with steering wheel, simulated tire constructed of steel, simulated engine block, and front bucket and rear bench seats	<input type="checkbox"/>	<input type="checkbox"/>
The hood and the lift gate shall have a realistic weight to be raised by trainees.	<input type="checkbox"/>	<input type="checkbox"/>
The prop must be constructed of a heavy gage, square tube frame structure. The exterior skin shall be of 3/16" steel at minimum. The roof shall be designed to be water cooled.	<input type="checkbox"/>	<input type="checkbox"/>
The prop must roll on heavy duty casters and have front and rear D-rings to allow the prop to be towed by side-by-side or light duty truck.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall include frame rails, bumpers, and wheels that can accept chocks and cribbing for vehicle stabilization.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall have tie down points at 4 corners and a means to secure the hood and doors should it be trailered.	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Technical Support</u></b>		
Vendor shall provide technical support staff for service and repairs during the warranty period.	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Warranty</u></b>		
Each item includes a one (1) year warranty on manufacturer defects and system component failures that occur during normal operations.	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Delivery, Installation, and Set-up</u></b>		
The delivery of the equipment shall be coordinated with onsite department personnel.		
Vendor shall deliver, set-up, calibrate, and test operation of car fire simulator.	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>OPTIONS</u></b>		
<b><u>2A. Upgrade to a 5-Burner SUV Fire Prop</u></b>		
Upgrade to a 5-Burner SUV Fire Prop with the following features:		
The SUV fire prop shall represent a mid-size sedan with maximum dimensions of 15 ft. long x 5 ½ ft. wide x 5 ft. tall.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall include a functioning driver and passenger doors, hood, trunk lid, a dash board with steering wheel, simulated tire constructed of steel, mock engine block, and full width front and rear seat.	<input type="checkbox"/>	<input type="checkbox"/>
The prop must be constructed of a heavy gage sq. tube frame structure and shall also include a water cooling system with FDC for extended prop life. The exterior skin shall be of 1/4" corrosion resistant steel at minimum.	<input type="checkbox"/>	<input type="checkbox"/>
The prop must be on heavy duty casters and have a 2" standard trailer hitch to allow the prop to be relocated for storage by a gator type vehicle.	<input type="checkbox"/>	<input type="checkbox"/>
The SUV Fire Prop must include five (5) integrated, fixed fire generation systems that are permanently installed in the prop.	<input type="checkbox"/>	<input type="checkbox"/>
Each of the Five (5) ignition systems shall be independently controlled from either the <i>Control Console</i> or <i>Wireless Remote</i> as chosen by the operators on any given training day.	<input type="checkbox"/>	<input type="checkbox"/>
Systems that require manual modification to the burners, such as opening or closing ball valves, between evolutions shall not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
The SUV Fire Prop must include five (5) burner zones that are permanently installed in the prop. The burner zones shall consist of an engine fire, front seat fire, rear seat fire, trunk and ground spill fire. All pilot and burner equipment shall utilize stainless steel components. The system shall include an intermittent pilot design as specified in NFPA 1402.	<input type="checkbox"/>	<input type="checkbox"/>
The prop shall provide gas and electric hook ups that can be setup and removed without the use of tools.	<input type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – FURNISHING AND DELIVERY OF AN SUV VEHICLE FIRE TRAINING SIMULATOR**  
**MODEL: SYMTECH SUV FIRE SIMULATOR ST+, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**2A. Upgrade to a 5-Burner SUV Fire Prop (Cont'd)**

**Live Fire Prop:**

- Five (5) fully-independent burn zones (engine, front and rear passenger, trunk and rear tire)
- Two-Stage main flame control of each of the five fires (total of 5 vapor valves/burners and 5 liquid valves/burners – 10 valves/burners total)
- High Quality 0.25" Steel Construction
- Operating hood and doors (Pry-able Hood also Counter-Balanced Hood)
- Forcible Entry Hood
- Battery Box with Terminal Post and Cables
- Sacrificial Cut Panel on Hood
- Sacrificial Cut Panel on Driver Side near Door Hinge
- Replaceable Front Door Post
- Foldable Front Seats
- Removable Rear Baby Seat
- Smoke Generation System
- Sound Effect System
- Propane gas supply hoses for prop (liquid rated)

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**Industrial Controls:**

- Burner management system for each zone
- Wireless control: Push-button design along with centralized control
- Connects to 110v
- Pilot verification
- System reset

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**Safety Systems:**

- On-site inspection by an OSHA-recognized NRTL
- Independent, monitored, and interlocked pilots
- Fail-safe valves (Close in 1 second or less)
- Wireless control - E-stop Switch
- Wireless control - Shock Detection Disable
- Operator Present "Deadman"
- Safe Start Check

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