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SUBJECT: FIRE SAFETY TRAILER

BID #: XF-0398-23 **OPEN DATE: 7/12/2023**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: One Time Purchase

AGENCY: Jacksonville Sheriff's Office

BASIS OF AWARD: All or None, to the lowest responsive, responsible bidder

NUMBER OF BIDS INVITED: 23 **NUMBER RECEIVED:** 2 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to JHB Group, Inc., as the lowest responsive, responsible bidder for the purchase of Fire Safety Trailer for the Jacksonville Fire and Rescue. Total estimated award not to exceed $205,354.99.

Funding for this award to be encumbered by account 11409.122003.564010.010763.00000000.00000.0000000, to be executed by purchase order.

Attachments: Recommendation Memo, Tabulation Sheet, Terms and Conditions, Specifications and Requirements

Analyst: Wallace-Cohen
OLIVE WALLACE-COHEN

RESPECTFULLY SUBMITTED:
DUSTIN FREEMAN, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: KEITH POWERS, DIRECTOR/FIRE CHIEF

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

FIRE AND RESCUE DEPARTMENT

July 19, 2023

TO: Dustin Freeman, Chief of Procurement

FROM: Keith Powers, Director/Fire Chief

RE: XF-0398-23 - FIRE SAFETY TRAILER

The Jacksonville Fire and Rescue Department (JFRD) has reviewed the bid responses for subject bid and is recommending approval to award PO to JHB Group, Inc. in the amount of $205,354.99.

The maximum indebtedness to the City not-to-exceed $205,354.99 and to be encumbered by account:

Funding Source: 11409.122003.564010.010763.000000.00000.0000000

If you have any questions, please contact Dan Pearson at (904) 255-3265.

KP/dp

TITLE: FIRE SAFETY TRAILER					MUNICIPAL EQUIPMENT CO. LLC		JHB GROUP , INC.
BID NO: XF-0398-23							
OPEN DATE: 07/12/23							
ANALYST: Olive Wallace-Cohen							
NO. INVITED: (23) No. Received: (2) No Bids: (0)							
RECORDED BY:	MELISSA PIERCE						
RENATA BARNETT							
ITEM #	DESCRIPTION	QTY	UoM	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	27" SAFETY TRAINING TRAILER in accordance with the bid specification (to include Shipping)	1	EA	$ 275,122.00	$ 275,122.00	$ 203,104.99	$ 203,104.99
2	ON-SITE TRAINING	1	EA	$ 3,199.00	$ 3,199.00	$ 2,250.00	$ 2,250.00
	GRAND TOTAL				$ 278,321.00		$205,354.99
	Insurance Acknowledgement						
	Delivery				180 DAYS		180 DAYS
	Buy American Preference Certificate				✓		✓
	Federal Forms B through H				✓		✓
	Conflict of Interest:				✓		✓

TERMS AND CONDITIONS

FIRE SAFETY TRAILER

1. SCOPE

The City of Jacksonville's Fire and Rescue Department is currently accepting bids to obtain a source of supply for the items/services as outlined in the bid documents provided. The purpose of this bid invitation is to obtain information about your firm and its ability to provide these items/services and to obtain pricing commitments for **Fire Safety Trailer** as listed in the bid documents.

This Project may be funded partly or in whole by the Federal Government. Therefore, Bidders must comply with the below Federal provisions set forth pursuant to C.F.R. §200.317-327 to be considered for award.

Delivery must be received and invoiced no later than 3/10/2024.

All equivalent/alternative items must **MEET** or **EXCEED** the specifications. It is at the sole discretion of the Jacksonville Fire and Rescue to determine if the alternative or equivalent product meets or exceeds the specifications. **IF THIS DETAIL IS NOT PROVIDED, THE BID WILL BE CONSIDERED INCOMPLETE AND WILL NOT BE CONSIDERED.**

* Product must be new. Refurbished, Remanufactured, Rebuilt or Used parts are not acceptable.

2. AWARD

Award will be ALL or NONE, whichever is in the best interest of the City of Jacksonville, to the lowest responsive, responsible bidder. Bidders must bid on all items to be considered award. The City reserves the right to reject any or all bids. ALL awards are subject to the availability of funds.

- As per Section 126.114 of the City of Jacksonville Ordinance Code, preference will be given to a responsive and responsible vendor offering American manufactured, assembled, or produced goods, and who is within 5% of the lowest responsive and responsible bidder. To receive this preference, the bidder must complete the attached Buy American Preference Compliance Certificate and attach supporting documentation and/or evidence attesting that at least 51% offered in the bid response is manufactured, assembled or produced in the United States..
    - Bidder is not required to submit for the Buy American Preference. Bidders may quote items less than 51% American made but will not be eligible for the preference.

Restrictions and exemptions may apply. Please refer to Section 126.114 for specifics

3. TERM OF AGREEMENT

This is a one- time purchase.

4. PRE-BID CONFERENCE

Not Applicable

5. STATE CONTRACTS

The City reserves the right to utilize contracts established by the State of Florida and or other governmental agencies for item(s)/service(s) covered under this bid. The city reserves the right to cancel

this contract in whole or in part for such item(s)/service(s).

6. QUANTITIES

Quantities indicated are fixed. The City reserves the right to add or delete items, or increase the volume of services required, or not to make any purchase against this bid if it so deems necessary at any time during the contract period.

7. DELIVERY

Jacksonville Fire and Rescue Department, 355 Ellis Road, Jacksonville, Florida 32254 Attn: Tactical Support. A packing list shall accompany all shipments, which shall indicate, at a minimum, the following: purchase order number, item number and description, date of shipment, quantity ordered, and shipped, unit price, and unit of measure.

8. ESCALATION/DE-ESCALATION

All pricing submitted shall remain firm for the first year of the initial contract period. After the first year of the contract term, a supplier may submit in writing a request for price escalation / de-escalation for the percentage of change as listed in the Consumer Pricing Index (CPI) and/or documentation notifying of an industry-wide increase. The City reserves the right to decline any price increase request.

9. PRICES

All unit prices shall include freight, delivery, set-up, tear-down, and all labor charges to the delivery location when needed.

10. PICK UP AND RETURNS

The City reserves the right to return an order in whole or in part if the merchandise is not in compliance with the bid specifications. The City or its agencies will determine compliance with bid specifications. Pick up and returns will be made within 48 hours of notification at no charge to the City or its agencies.

11. COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide item(s)/service(s) in accordance with the bid documents provided. Bid only a single offering for each bid item. Multiple offerings, alternates (unless stated) and or stipulations may be cause for bid rejection. Bid only on forms provided herein unless otherwise stated. Bid submissions shall be in ink or typewritten. All corrections must be initialed.

12. INVOICING

Invoices will be issued once supplies/services are delivered and/or rendered to the City of Jacksonville or its agencies. At a minimum, invoices must include; purchase order number or contract number, item number and description, date of shipment, quantity ordered and shipped, unit prices, unit of measure, and extended totals. Payment terms are Net 30 days. All original invoices shall be submitted to: City of Jacksonville, General Accounting Division, 117 West Duval Street, Suite 375, Jacksonville, Florida 32202. **All original invoices shall be submitted through the City of Jacksonville's 1Cloud Supplier Portal or can be e-mailed directly to 1CloudInvoice@coj.net** or jfrdprocurement@coj.net.

13. INSURANCE/INDEMNIFICATION

Each supplier shall maintain, for the entire term of this bid, current insurance coverage as stated in the bid documents. All insurance certificates shall list the City of Jacksonville as an additional insured. Bid

number should be listed on certificate. The awarded vendor will be required to submit the copy of the insurance certificate within ten (10) calendar days after receipt of award notification. Failure to submit required certification of insurance could lead to rejection of your bid.

14. REPORTING

The City may request, during the term of this bid, reports including but not limited to; usage, pricing, and delivery. Suppliers will be required to provide reports requested in hard copy and electronic format as required.

15. SUPPLIER ACCESSIBILITY

The City or its representative must be able to contact, during normal business hours, by telephone or email any supplier providing goods or services to the City or its agencies. Any supplier accessibility requirements outlined in the specifications supersede this section.

SPECIFICATIONS

FIRE SAFETY TRAILER

All equivalent/alternative items must **MEET** or **EXCEED** the specifications. It is at the sole discretion of the Jacksonville Fire and Rescue to determine if the alternative or equivalent product meets or exceeds the specifications. **IF THIS DETAIL IS NOT PROVIDED, THE BID WILL BE CONSIDERED INCOMPLETE AND WILL NOT BE CONSIDERED.**

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Specifications

The Smart Fire Safety and Emergency 27-foot Training Trailer will allow JFRD to create numerous hands-on emergency response scenarios with dozens of additional hazard recognition training opportunities. The mobile training environment features will include three interior rooms, with an Interactive Kitchen Emergency Training Room, Interactive Bedroom Training Room, and a briefing room to include:

Interactive Kitchen Emergency Training Room

- Fully Interactive Stove with Oven and Stovetop Fire Training Scenario. Features Integrated Digital Flame, Smoke, and Sound Effects. Fire starts and grows dynamically and responds in real time to the actions of the training extinguisher and response of the trainee.

- Fully Interactive Trashcan Fire Prop with Integrated Digital Flames, Smoke, and Sound Effects. Fires can spread from the Stove to the Trashcan if left unchecked. Fires respond dynamically to the actions of the training extinguisher and response of the trainee.

- 51b Rechargeable Laser Driven Training Fire Extinguisher, with on-board sound effects and rechargeable batteries, that interacts in real time with the Burning Cooktop Smart Prop

- Central automated network control switch that allows fire to grow dynamically and spread to other linked Smart Props for realistic fire expansion scenarios

- Interactive Smoke Detector Response Scenario Prop, responds automatically to the cook top fire scenario in the room

- Wireless handheld remote for initiating or stopping emergency scenarios

- 911 Phone with dial tone, working buttons, and voice message. Phone plays pre-recorded emergency message or a customized message

- Cabinets and Sink Props

- Mock window

- Training-smoke evacuation fan

- Overhead Heaters which create a heat effect during fire scenarios for a more realistic simulation

- Door to Briefing Room

Interactive Bedroom Emergency Training Room

- Heated and Smoking Door Prop, with full door heating effects that vary the core temperature from top to bottom, allowing for interactive hazard recognition and evacuation lessons
- Adjustable temperature control on the door
- Smoking Electrical Outlet, allowing for electrical safety hazard recognition lessons
- Smoke Detector with alarm (switch operated)
- Towel rack and towel for smoking door scenario interactions
- Sliding Window with Exterior Mounted Escape Ladder for EDITH drills
- Chair, Bed and Lamp Props
- Door to Briefing Room

Complete Generator Power Package

17.5 KW (26.2KW Pk) Portable Wheeled Generator. Power all electrical trailer features with this gas fueled generator. Fits within the external generator storage compartment built into the kitchenette room.

- Two 50-foot power cables with all required plugs and adaptors
- Power conditioner for digital props
- Power winch and ramps for loading and unloading the generator from the storage compartment

Construction

Exterior Finish:
- 0.050 white heavy-duty aluminum with rivets 10 year construction warranty on frame

Wiring:
- 14ga primary wiring (12V)
- 14ga THHN (15A 120V circuits) / 12ga THHN (20A 120V circuits)
- Electrical trailer receptacle: NEMA Style. 120/240 VAC.

Other

- Built in welded corner posts
- Electric Stabilizing jacks: Mounted on the four corners of the trailer. 12V battery mounted on board with controls found in the generator compartment.
- Electric Tongue Jack: A-frame hitch with 2 5/16" coupler and safety chains. Powered by on board battery with minimum of 2,500lb. capacity.
- Axles & Brakes: Two 6,000 lb. electric brake torsion axles, brakes on all wheels

- Trailer Weight: 9,000lbs. / GVWR: 13,200 lbs.
- Standard 7-pin connection
- Average and maximum tongue weight: 1,000lbs. (2,000lb. max)
- Trailer Mounted Spare Tire
- Upgrade standard steel wheels to aluminum (2 axles).
- Doors: 36" x 80" hinged entrance doors for each training room
- Pull-out step
- Wood grain flooring throughout
- Ventilation: Power exhaust fans above each training room with wall mounted switch
- 12v interior light in electrical compartment
- 12v interior light in trailer when plugged into vehicle
- 12v Power cut off switch
- Outdoor GCFI Power Outlet
- Foldable grab handle on exterior door
- Trailer will include basic block lettering on both sides of trailer unless the custom graphics wrap package is purchased
- Wheelchair ramp and hardware storage (8-foot ramp and storage for all associated hardware - 600lb. weight capacity)

Smart Accessories

Interactive Kitchen Hazard Recognition Package

To include:

- Smoking Toaster
- Smoking Outlet
- Chemical Cabinet
- Wall-mounted flat screen TV with DVD player for Safety Videos

Two Air Conditioning Systems

- Roof-mounted premium air conditioners

Baseboard Heater - 2 room

Awning (21 foot)

- Red 21' Awning; mounted on entry side of the trailer

Full Trailer Insulation

- Insulation on floor, walls, and ceiling of trailer.

Extreme Climate Rivet Package

- Includes added rivets on all the frame tubes throughout the entire trailer. This extra rivet package is recommended in extreme climates.

Simulations

1. **Severe Weather Package**

The Extreme Weather Package is a state-of-the-art hazard recognition prop. The package includes a weather alert broadcast over the trailer's TV and radio. The alert is similar to the 'Emergency Broadcast System' alert, informing trainees that a severe weather event is imminent. The broadcast describes the differences

between ·storm watch ' and 'storm warning' using facts from FEMA to teach trainees life-saving tips and preparation techniques based on the type of extreme weather. The simulation includes digital amplification of various severe weather sound effects and strobe effects simulating lightning and power surges, creating an extremely realistic training environment. Passengers will feel like they 're in the eye of the storm as the trailer shakes and the lights flicker.

Life-threatening weather emergencies can occur with little or no notice. The Severe Weather Package, an add-on to the Kitchen Fire Scenario, broadcasts realistic severe weather alerts and teaches trainees how to react if faced with an extreme weather event.

Weather simulations incorporate actual news broadcasts with immersive sound effects for hurricane, earthquake, flood, and tornado safety education. The Severe Weather Package teaches critical life-saving steps in a highly realistic training environment.

- NOAA Weather Radio warns of severe weather
- Integrated television broadcasts emergency weather news report
- Digital amplification creates realistic weather sound effects
- Strobe effects simulate lightning and intermittent power outages

The Severe Weather Package allows for breaks in the action so the instructor can discuss the emergency procedures specific to their location. The intensity level can be adjusted to provide an experience appropriate to the age level of the participants.

Package to include:

Sound system and subwoofer, a strobe light for lightning effects, a weather radio that reports severe weather, flickering overhead lighting, emergency lights and a video that plays on the TV of a tornado, earthquake, flood, and hurricane weather emergency together with instructive messaging. Overhead lighting, sound, weather radio, emergency lights, and strobe light are all automatically controlled by the simulation. The package includes the following simulations:

- Hurricane weather emergency simulation
- Tornado weather emergency simulation
- Flood emergency simulation
- Earthquake emergency simulation

2. Over Stove Cabinet Fire Simulation

Features Integrated Digital Flame, Sound, and Heat Effects. Fire can grow and spread to cabinets above the stove if fire is left unchecked or is not properly extinguished. Cabinet Fire dynamically responds to the actions of the training extinguisher and response of the trainee.

3. Microwave Prop Simulation

Sparking and burning counter mounted microwave, with functioning power plug to disconnect the unit and shutdown the C-class fire scenario.

4. Sparking/Burning Air Conditioner Prop

Sparking and burning wall mounted air conditioner in the Interactive Bedroom, with functioning power plug to disconnect the unit and shutdown the C-class fire scenario.

Full Custom Graphics Wrap Package

Full-wrap, full-color custom graphics. To includes design support to create and customize the graphics to the requests of the customer.

Interactive Industrial Briefing Room

Scenario-based built-in sound, smoke, and light effects to create realistic electrical emergency response drills. To include:

- Fully interactive Sparking Electrical Panel Prop with cutoff switch
- Interactive functional Alarm Pull Station
- Automated alarm strobe
- Lock Out Tag Out station
- All features controlled via wireless handheld remote
- Exterior door with steps; doors to both Kitchen and Bedroom

Camera and Wireless Video Display Package

To include:

- Four (4) wall mounted digital color video cameras
- iPad with pre-installed networked software for video display
- 40" or greater flat screen TV
- Mounting brackets
- Waterproof exterior power and cable outlets
- Internal storage and transport location for TV

On-site Training