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SUBJECT: PERATON SPARTAN UPGRADE FOR F6 ROBOT

BID #: XF-0382-24 **OPEN DATE: 05/01/2024**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: SUPPLY CONTRACT – ONE-TIME PURCHASE

AGENCY: SHERIFF'S OFFICE

BASIS OF AWARD: ALL OR NONE, TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 16 **NUMBER RECEIVED:** 1 **OTHER:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to Remotec, Inc., as the only responsive, responsible bidders for Peraton Spartan Upgrade for F6 Robot for the Jacksonville Sheriff's Office. Total estimated award not to exceed $235,812.00.

Funding for this award to be encumbered by account 11407.551102.564290.010829.00000000.00000.0000000 to be executed by purchase order.

Attachments: Recommendation Memo, Tabulation Sheet, Terms and Conditions, Specification

Analyst: OLIVE WALLACE-COHEN **RESPECTFULLY SUBMITTED:** FOR: DUSTIN FREEMAN, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: MARK ROMANO, DIRECTOR OF INVESTIGATIONS & HOMELAND SECURITY

(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 _____

JACKSONVILLE SHERIFF'S OFFICE

T.K. Waters, Sheriff

Dedication. Service. Honor. Community.

To: Dustin Freeman
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget

From: Mark Romano
Director of Investigations & Homeland Security

Subject: XF-0382-24 Remotec Peraton Spartan Upgrade for F6 Robot

Date: May 8, 2024

We received one (1) bid submission for XF-0382-24 Remotec – Peraton Spartan Upgrade for F6 Robot. We are recommending to award Remotec, Inc. The total not to exceed amount of the award is $235,812.00 from account code 11407.551102.564290.010829.00000000.00000. This is a one-time purchase to be made via a purchase order.

Please let me know if you need any additional information.

TITLE: REMOTEC/PERATON SPARTAN UPGRADE FOR F6 ROBOT BID NO: XF-0382-24 OPEN DATE: 05/01/24 ANALYST: Olive Wallace-Cohen NO. INVITED: (16) No. Received: (1) No Bids: (0) RECORDED BY: MELISSA PIERCE ANNOUNCER: MICHELLE SPITLER			REMOTEC, INC.

ITEM #	DESCRIPTION	QTY	UOM	PRICE
1	Remotec/Peraton Spartan Upgrade for F6 Robot to include all items listed in the Scope of Services contained in the bid package.	1	EA	$ 235,812.00
	TOTAL BID PRICE			$ 235,812.00

Delivery			180 Days
Federal Forms A through G			A through G
Conflict of Interest:			✓
Addendums (1):			1

TERMS AND CONDITIONS

REMOTEC/PERATON SPARTAN UPGRADE FOR F6 ROBOT

1. SCOPE

The City of Jacksonville, Jacksonville Sheriff's Office (JSO) 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 **REMOTEC/PERATAN SPARTAN UPGRADE FOR F6 ROBOT** 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. The awarded supplier must be registered in SAM.GOV.

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

One-Time Purchase.

4. PRE-BID CONFERENCE

Not Applicable

5. COMPLIANCE WITH SPECIFICATIONS

The bidder, by affixing their signature to the bid form submitted, agrees to provide the items/services 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.

6. STATE CONTRACTS

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

7. QUANTITIES

Quantities indicated are fixed.

8. PRICES

All unit prices shall include freight, delivery, and handling charges to the delivery location as outlined in the bid documents.

9. ESCALATION / DE-ESCALATION

Not applicable.

10. DELIVERY

Delivery will be made to the Jacksonville Sheriff's Office, 501 East Bay Street, Jacksonville, FL 32202. 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 prices and unit of measure.

11. 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.

12. 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.

13. 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.

14. 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 to: COJ1CloudInvoices@coj.net. The invoice email subject line MUST BE: inv_300000008806179. Invoices can also be submitted through the 1Cloud Supplier Portal.

15. 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.

SPECIFICATION/SCOPE OF SERVICES

REMOTEC/PERATON SPARTAN UPGRADE FOR F6 ROBOT

Project Overview
The Jacksonville Sheriff's Office (JSO) is seeking an authorized and qualified vendor to perform a Spartan upgrade to the agency's current F6A+ bomb disposal robot, utilizing the current chassis. The Spartan upgrade will enhance the manipulator arm with eight degrees of freedom, improved lift capacity of 275 lbs directly in front of the robot and 80lbs at full extension. Additionally, the Spartan upgrade will feature a palm camera and range finder inside the claw enhancing the operator's capability to safely and successfully pick up and move items of concern. The Spartan robot power will transition to BB2590 batteries which are hot-swappable eliminating the need to shut down in the middle of a mission.

This upgrade will require a complete teardown of the current F6A+ robot, to include an evaluation and service/replacement of all the lift and drive motors in the chassis. This work should only be conducted by certified Remotec technicians using Remotec authorized parts.

Current F6 robot Specifications
The robot described in these specifications is a Remotec F6A+, originally purchased in 2004. The average expected life span of this robot is typically 8-10 years and has gone through several upgrades from Remotec. Photos of current robot platform are attached below for reference.

Bidder Minimum Requirements
- Bidder must complete all work using only Remotec certified technicians.
- Products that are Made in America are preferred, but not required, as part of this solicitation.
- All parts must be Remotec approved for the Spartan upgrade.

Deliverables

I. Upgrade F6A+ Robot with Serial Number F6B16841-01Y000512
   1. Receive, Teardown and Evaluate
      a. The bidder will tear down the robot to its chassis. The chassis, all motors and gears will be inspected and evaluated.

II. Refurb chassis components
   1. Upgrade Drive Motors to Spartan Upgrade specifications
      a. The bidder will refurbish all drive motors and service all gears.
   2. Spartan Robot Lift Package Upgrade
      a. The bidder will refurbish all lift motors and service all gears.

III. Spartan Vehicle Upgrade
   1. The bidder will add new electronics housing that will operate and function all robotic components.
   2. Add new 8 DOF manipulator.
   3. Position user presets.
   4. Add the following cameras
      a. Remotec surveillance color camera with white light and IR LED's and Pan/Tilt (continuous Pan).

b. Remotec gripper palm camera
c. Remotec front and rear drive cameras
d. Remotec color arm camera

5. Add accessory interface mounts (includes adaptor for legacy accessories).
6. Add new vehicle battery packs (9 BB2590 batteries).
7. Provide Remotec tool kit for end user repairs and maintenance.
8. Add Remotec pneumatic wheel kit

IV. Additional Upgrades

1. Bidder will provide the following Operator Control Unit upgrades:
   a. Ruggedized laptop with touchscreen.
   b. Docking station.
   c. 2 BB2590 batteries.
   d. Pelican case.
2. Add dual Pan Disruptor Mount Assembly
3. Add 2 channel STI
4. Add 10 tension roller spacers
5. Provide 2 vehicle charger assemblies

V. Radio Upgrade

1. Bidder will reuse original F6B Hybrid radio and make the following upgrades:
   a. Replace (2) freewave modules
   b. Replace (2) Lexan covers
   c. Replace (2) NMO 900
   d. Replace (2) cables SMAJ
   e. Replace (2) connectors SMA

V. Bidder will provide the following accessories:

1. Legacy switchbox style controller
2. (2) Spare articulator tracks
3. (1) Spare SPARTAN wheel assembly (R)
4. (1) Spare SPARTAN wheel assembly (L)
5. (11) Spare BB2590 batteries
6. New vertical camera extend assembly
7. New mast/arm Pan and Tilt assembly
8. Antenna bracket
9. Provide Spartan arm and chassis service Kit
10. Thermal Camera for Arm Pan and Tilt Assembly
11. Rear receiver hitch
12. (2) Laser sight mounts
13. Sighting mount kit
14. Charge dropper

VI. Training

Bidder will provide two days of operator/maintenance training, for up to six operators, at Remotec's facility in Clinton, TN

Bidder acknowledges that the work performed under this solicitation is funded by the Port Security Grant Program. All work must be completed in accordance with Remotec Spartan specifications and to the satisfaction

of the JSO no later than August 31, 2025. Failure to complete the scope of services before the stated date will result in non-payment for any services rendered.

This bid contemplates all work being performed at Peraton/Remotec's facility in Clinton, TN. Any costs associated with the transportation of the robot to that location must be included as part of their bid submission.