



**FRANKLIN COUNTY
PURCHASING DEPARTMENT
REQUEST FOR BID (RFB) COVER PAGE**

RFB NO: #201951

TITLE: Drone

Solicitation Schedule & Deadlines:

November 13, 2019	Solicitation Release/Advertising Date
November 19, 2019 2 PM	Deadline for Submitting Questions
November 21, 2019 4:30 PM	Deadline to post Addendum
November 27, 2019 2 PM	Deadline to Submit Response
November 27, 2019 2:30 PM	Opening Date I Time

Responses must be received no later than "Deadline to Submit Response"

November 27, 2019 2 PM

Ann Struttmann, Purchasing Agent

Shakara Bray, Assistant Purchasing Agent

Phone: 636-584-6274 Email: purchasing@franklinmo.net

Submittal Instructions: Print this Packet in its entirety and complete all pages per instructions. Print the SEALED RESPONSE LABEL found in Attachment 1 of this packet and attach to the front of your envelope.

Company Name: _____

SUBMISSION CHECKLIST

_____ I have reviewed the bid schedule and deadlines, located on the solicitation cover page

_____ I have read ALL Terms and Conditions and Bid documents closely

(Located at www.franklinmo.org)

THE ITEMS LISTED BELOW ARE THE REQUIRED DOCUMENTATION FOR SUBMITTING A RESPONSE

USE THESE FORMS ONLY

_____ Solicitation Cover page

_____ Contractual Terms and Conditions Acknowledgement

_____ Pricing Form completed and signed

_____ Full description of Drone and capabilities

_____ Full description of Software and functionality, including copy of agreement if required

_____ Full description of protection plan and coverage, including copy of agreement if required

_____ Full description of support offered

_____ Catalog or link to catalog with accessories and pricing

_____ I have one original and two copies that are labeled accordingly

_____ I have included contact information

_____ COI (Certificate of Insurance)

_____ Envelope is sealed and label attached

_____ Affidavit for Work Authorization is completed and Notarized

PURPOSE

Franklin County is soliciting bids from qualified vendors to provide an aerial drone for law enforcement purposes that meets or exceeds the specific requirements listed below.

SPECIFIC REQUIREMENTS

- Foldable and lightweight
- Capable of flying indoors or outdoors
- Approximate size of 9" W x 4" H x 13" D- unfolded
- Maximum flight time of at least 31 minutes
- Min Ascent Speed: 5m/s
- Min Descent Speed: 3 m/s
- Ability to achieve a height of 60 feet
- Top speed of at least 45 mph
- FOC Propulsion motor
- Low noise propellers
- Obstacle detection and avoidance
- Forward, backward and lateral vision systems
- Lateral Visions Systems-Two cameras located on either side of the aircraft
- Downward Visions and Infrared Sensing Systems
- Digital Video Transmission that supports both 2.4 GHz and 5.8GHz frequency communication bands with High definition video (up to 1080p) transmission feedback to the pilot. Minimum download speed of 40 Mbps.
- Pilot frequency alerts
- Minimum 24GB Onboard Data Storage with password protection
- Flight Modes must support GPS positioning
- Return to Home w/ Precision Landing
- Real-time map of the flight route and ability to retrace flight pattern to return home.
- Return home function.
- Low battery return home mechanism.
- Failsafe return home.
- Thermal camera with imagery up to 640x480 video and still camera up to 4K images.
- At least 4K gimbal camera.
- Ability to disallow internet access.

- Remote controller with auto switch between 2.4 GHz and 5GHz with a range of up to min of 5 miles. Controller will need to have an LCD screen and a battery life of minimum 2 hours based on a full charge.
- Communication between smartphone and controller required including accessories.
- Drone software compatible with Apple IOS 10.0 or higher and Android OS 5.0 or higher.
- Operational range above 14 degrees Fahrenheit.
- Protection plan with multi-year options (Include copy of plans with coverage offered when submitting response.)
- Support (Include type of support offered when submitting response.)
- Franklin County reserves the right to request demonstrations if deemed necessary.

The contents of this section include mandatory requirements that will be required of the successful bidder and subsequent contractor. The offeror is requested to provide responses to the requirements/desired attributes in this section pursuant to the directions identified herein. The offeror's response, whether responding to a mandatory requirement or a desired attribute, shall be binding in the event the bid is accepted by Franklin County. The offeror must provide all costs necessary to meet the mandatory requirements and the fulfillment of any desirable attributes in the appropriate section titled Pricing.

CONTRACTUAL TERMS AND CONDITIONS ACKNOWLEDGEMENT

The undersigned Vendor/Contractor has read, understood, and accepted the Terms and Conditions as published on the Franklin County Official Website located at:

<http://www.franklinmo.org>

All terms and conditions as stated shall be adhered to by Vendor/Contractor upon acceptance of contract. Vendor/Contractor enters into this agreement voluntarily, with full knowledge of its effect.

Vendor/Contractor Signature

Date

Vendor/Contractor Name and Title

AFFIDAVIT OF WORK AUTHORIZATION

(Continued)

CURRENT BUSINESS ENTITY STATUS

I certify that _____ (Business Entity Name) **MEETS** the definition of a business entity as defined in section 285.525, RSMo pertaining to section 285.530, RSMo as stated above.

Authorized Business Entity
Representative's Name
(Please Print)

Authorized Business Entity
Representative's Signature

Business Entity Name

Date

As a business entity, the grantee, sub grantee, contractor, or subcontractor must perform/provide the following. The grantee, sub grantee, contractor, or subcontractor shall check each to verify completion/submission:

- Enroll and participate in the E-Verify Federal Work Authorization Program (Website: <http://www.dhs.gov/e-verify>; Phone: 888-464-4218 Email: e-verify@dhs.gov) with respect to the employees hired after enrollment in the program who are proposed to work in connection with the services required herein;

AND

- Provide documentation affirming said company's/individual's enrollment and participation in the E-Verify Federal Work Authorization Program. Documentation shall include a page from the E-Verify Memorandum of Understanding (MOU) listing the grantee's, subgrantee's, contractor's, or subcontractor's name and the MOU signature page completed and signed, at minimum, by the grantee, subgrantee, contractor, or subcontractor and the Department of Homeland Security – Verification Division; (if the signature page of the MOU lists the grantee's, subgrantee's, contractor's, or subcontractor's name, then no additional pages of the MOU must be submitted).

PRICING FORM

201951 Drone

REQUIRED PRICING

The bidder shall complete the following pricing form and provide firm, fixed pricing necessary to meet the mandatory requirements of the solicitation.

Drone with protective Case: _____

Discount off MSRP for Accessories: _____

Software Annual Cost: _____

Protection Plan Options and Annual Cost: _____

Support costs/hourly rates: _____

Company Name _____

Authorized Signature _____

Printed name and title _____

Franklin County reserves the right to request supporting documentation for the proposed pricing. In addition, it may be necessary to evaluate the bidder's expertise and experience in order to award a bid. Franklin County reserves the right to request reference information and/or proof of expertise if necessary.

VENDOR INFORMATION

Company Name _____

Mailing Address _____

Phone number _____

Contact Name _____

Contact Name Title _____

Email Address _____

ATTACHMENT 1

SEALED RESPONSE LABEL

PLEASE ATTACH LABEL TO OUTSIDE OF PACKAGE

SEALED BID RESPONSE ENCLOSED

DELIVER TO:

Purchasing Department
400 East Locust St, Rm 004
Union, MO 63084

SOLICITATION # 201951 DATE: **Response Deadline Date**

DESCRIPTION: Drone

Vendor Name: _____

Vendor Address: _____