



OFFICE OF THE DIVISIONAL FOREST OFFICER, KHARIAR DIVISION, KHARIAR

At/Po- Khariar, Dist- Nuapada, Odisha-766107, E-mail ID- dfo.khariar@odisha.gov.in, Phone No- 06671-224237

Bid Identification No. DFO-KHR- 06/2025-26 dated.17.11.2025

NOTICE INVITING TENDER

The Divisional Forest Officer, Khariar Division invites sealed tenders through offline mode only, under the Double Cover System, for Procurement and supply of one (01) Multispectral Drone with accessories for various forestry management activities under Khariar Forest Division as enlisted in the ANNEXURE-I. Tenders are invited from eligible Firms/ Vendors / Suppliers registered with the State Government, Central Government / M.E.S. / Railways or other Licensing Authorities for supply of Multispectral Drone with accessories. The bidders should have the following pre-requisite for supply of the articles as mentioned below.

PRE-REQUISITE FOR SUPPLY OF MATERIALS

1. The Bidders / Vendors / Suppliers should have valid GST Registration with the competent authority.
2. The Bidders / Vendors / Suppliers should have Permanent Account Number (PAN) registered with competent authority.
3. The bidder must submit a proof of identify (Voter ID, Aadhar Card, Driving Licence)
4. The Bidders / Vendors / Suppliers have authorization from the concerned Dealer / Firm / Company to supply the goods / materials.
5. The Bidders / Vendors / Suppliers must have a valid Bank Accounts number in any Bank.
6. The Bidders / Vendors / Suppliers must have operational area within the State of Odisha.

TERMS AND CONDITIONS

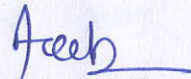
1. Bid documents consisting of Specifications, the schedule of Quantities and the set of terms and conditions of contract and other necessary documents can be seen on the website:<https://nuapada.odisha.gov.in>
2. The bidder shall have to deposit of tender paper@ Rs. 2,000/- for participation in the bid in shape of Bank Draft / Banker's Cheque etc in favour of Divisional Forest Officer, Khariar Division. The Tender cost is non-refundable in nature.

3. The Bid documents will be available on the website: <https://nuapada.odisha.gov.in> from 19.11.2025 up to 28.11.2025 up to 5.00 P.M.
4. Bids shall be received "OFF LINE" on or before 5.00 PM of dt.28.11.2025 in the Drop box placed in the office or through Postal / Courier.
5. Bids received shall be opened at 12.00 hours on 29.11.2025 in the Office of undersigned in the presence of the bidders who wish to attend. Bidders who participate in the bid can witness the opening of bids. If the office happens to be closed for any administrative reason on the last date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.
6. Bidders are to submit the TECHNICAL BID (ANNEXURE-II) and FINANCIAL BID (ANNEXURE-III) in a two Separate Sealed Cover quoting price in FINANCIAL BID for the article intended to supply out of the list in ANNEXURE-I and both the cover to be enveloped in one Cover and dropped in the Drop Box or sent through the Postal or courier service.
7. The Authority will not be held responsible for any postal delay or other inconvenience during bidding process.
8. The authority reserves the right to cancel any or all bids without assigning any reason thereof.
9. Any Addendum/Corrigendum will be hosted exclusively on the district website, and bidders are requested to check it periodically during the bidding process.
10. The intending bidders are required to furnish their e-mail address and cell phone number in order to inform them any message relating to the tender.
11. Mere quoting less prices will not entitle any bidders for winning the bid and the committee has the discretionary prerogatives to finalize the bid with reference to quality and brand of the article.
12. Selection will be made on cost effective basis i.e. lowest price for the same brand and model.
13. The Bidders / Vendors / Suppliers have to submit a no relationship certificate with their bidding documents as in ANNEXURE-IV.
14. The bidders have to deposit their sample of product to be supplied to the office of the undersigned with proper acknowledgement for quality assurance which will be finalized by the committee after opening of financial bids on another date to be intimated later on to the successful bidders in the technical and financial bids.
15. The bidders / vendors / supplier will have to attend the office of the undersigned on the date intimated later on for checking of quality assurance by the committee.

16. In case any bidder / vendor / supplier is not able to get tender documents online in the District Web Site due to any sort of unforeseen technical fault he/she may obtain the same from Section Officer of the office of DFO, Khariar Division and submit the same in the Drop Box, Post / Regd. Post / Courier Service etc so as to reach the undersigned on or before 5.00 PM of 28.11.2025.
17. The list of articles put to tender represents a tentative requirement for various forestry management tasks and is subject to procurement based on need and the availability of funds. The purpose of the bid is to empanel a list of bidders for different articles to streamline the procurement process. Selection as a bidder for any article does not guarantee supply, as it depends on the allocation of funds to the Division during the financial year and may change according to the guidelines issued by the Government of Odisha from time to time.

LIST OF DOCUMENTS TO BE SUBMITTED ALONG WITH THE TENDER PAPERS

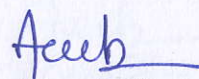
- Detailed address of the Re-seller / Firm / Traders with Mobile No. for contact.
- GST Registration Certificate with the competent Authority.
- Permanent Account Number (PAN).
- GST Clearance Certificate of the Firm / Trader up to Last Quarters / Year.
- Income Tax Return of Last 3 years of the Firm / Individuals.
- Photocopy of Bank Details (Cancelled Cheque or Passbook copy for payment processing).
- Bank Draft / Banker's Cheque of RS. 2000/- (Rupees Two Thousand only) in favour of "Divisional Forest Officer, Khariar Forest Division" towards the cost of tender paper.
- Authorization of the Firm / Agent / Dealer / Company etc for carrying out supply in case of Individuals, Firm etc.
- Previous Work Orders or Supply Experience Certificates related to Multispectral Drone supply (preferably to Govt. Departments).
- Undertaking regarding supply of the article for which selected within 10 (Ten) days from the date of Placing purchase order, failing which the bid will be cancelled automatically.


Divisional Forest Officer,
Khariar Division

Memo No: 7793 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Principal Chief Conservator of Forests & HOFF,

Odisha, Bhubaneswar for favour of kind information & necessary action.


Divisional Forest Officer,
Khariar Division

Memo No: 7794 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar for the favour of kind information. He is requested to upload the above Tender Call Notice in the website of the Odisha Wildlife Organisation for publicity.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7795 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Chief Executive Officer, State Authority, CAMPA, O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of kind information & necessary action.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7796 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Chief Conservator of Forests (IT & GIS), O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of kind information. He is requested to upload the above Tender Call Notice to the website of P.C.C.F. & HoFF, Odisha.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7797 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Regional Chief Conservator of Forests, Bhawanipatna Circle, Bhawanipatna for favour of kind information.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7798 /1F-Acct/ Dated. 17.11.2025

Copy submitted to the Collector, Nuapada /CDO-cum-EO, Zilla Parishad, Nuapada/ Superintendent of Police, Nuapada for favour of kind information and necessary action.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7799 /1F-Acct/ Dated. 17.11.2025

Copy forwarded to all Divisional Forest Officers (T & NT) for information and necessary wide circulator requested to ensure regarding exhibition of the tender notice in the notice board for wide circulation.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7800 /1F-Acct/ Dated. 17.11.2025

Copy forwarded to the District E-governance Manager, O/o the Collectorate, Nuapada for information and necessary action. He is requested to upload the Detail Tender Call Notice (DTCN) in the District website for circulation amongst the bidders.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7801 /1F-Acct/ Dated. 17.11.2025

Copy forwarded to all Asst. Conservator of Forests, Khariar Forest Division for information and necessary action.

Aceeb

Divisional Forest Officer,
Khariar Division

Memo No: 7802 /1F-Acct/ Dated. 17.11.2025

Copy forwarded to all Range Officers of Khariar Division with a request to display one copy of the above notice on their office notice board for wide publication.

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Divisional Forest Officer,
Khariar Division

ANNEXURE-I

Aircraft Specifications (Multispectral Drone)

1. Aircraft

Specification	Details
Net Weight (with propellers & RTK module)	951 g
Max Takeoff Weight	1,050 g
Dimensions (Folded)	223×96.3×122.2 mm
Dimensions (Unfolded)	347.5×283×139.6 mm
Diagonal Length	380.1 mm
Max Ascent Speed	6 m/s (Normal), 8 m/s (Sport)
Max Descent Speed	6 m/s (Normal & Sport)
Max Flight Speed	15 m/s (Normal)
Max Flight Speed (Sport)	Forward 21 m/s, Side 20 m/s, Back 19 m/s
Max Wind Resistance	12 m/s
Max Take-off Altitude	6000 m
Max Flight Time	43 min
Max Hover Time	37 min
Max Flight Distance	32 km
Max Pitch Angle	30° Normal, 35° Sport
Max Angular Velocity	200°/s
GNSS	GPS + Galileo + BeiDou + GLONASS (with RTK)
Hovering Accuracy	Vertical ±0.1–0.5 m, Horizontal ±0.1–0.5 m
Operating Temperature	-10° to 40°C
Internal Storage	N/A
Motor Model	2008
Propeller Model	9453F Enterprise Edition
Light Sensor	Built-in module

2. RGB Camera

Specification	Details
Image Sensor	4/3 CMOS, 20 MP
Lens	FOV 84°, 24 mm equivalent
Aperture	f/2.8–f/11
Focus Range	1 m to ∞
ISO	100–6400
Shutter (Electronic)	8–1/8000 s
Shutter (Mechanical)	8–1/2000 s
Max Image Size	5280×3956
Photo Modes	Single, Timed (JPEG/RAW)
Panorama	20 MP
Video Resolution	4K 30fps, FHD 30fps
Max Video Bitrate	130 Mbps (4K), 70 Mbps (FHD)
Image Format	JPEG, DNG
Video Format	MP4 (H.264)

3. Multispectral Camera

Specification	Details
Image Sensor	1/2.8" CMOS, 5 MP
Lens	FOV 73.91°, 25 mm equiv.
Aperture	f/2.0
Focus	Fixed
Bands	G, R, RE, NIR
Gain	1x-32x
Shutter	1/30-1/12800 s
Max Image Size	2592×1944
Image Format	TIFF
Video Format	MP4
Video Resolution	FHD 1080p@30fps
Video Content	NDVI / GNDVI / NDRE
Photo Modes	Single, Timelapse

4. Gimbal

Specification	Details
Stabilization	3-axis mechanical
Mechanical Range	Tilt -135° to 45°, Roll -45° to 45°, Pan -27° to 27°
Controllable Range	Tilt -90° to 35°
Max Control Speed	100°/s
Angular Vibration	±0.007°

5. Sensing System

Specification	Details
Type	Omnidirectional binocular + IR sensor
Forward Sensor	0.5-20 m measure, 200 m detect
Backward Sensor	0.5-16 m
Lateral Sensor	0.5-25 m
Upward Sensor	0.2-10 m
Downward Sensor	0.3-18 m
Lighting Requirement	>15 lux

6. Video Transmission

Specification	Details
System	Industry Edition
Live View	1080p/30fps
Bands	2.4 GHz, 5.8 GHz
Max Range	FCC 15 km, CE 8 km
Download Speed	15 MB/s
Latency	~200 ms
Antennas	4 total

7. RC Pro Enterprise Edition

Specification	Details
Transmission	Industry Edition
Max Range	FCC 15 km
Wi-Fi	802.11 a/b/g/n/ac/ax
Bluetooth	5.1
Screen	5.5", 1920×1080, 1000 nits
Battery	5000 mAh
Operating Time	3 hrs
Charging Time	1.5–2.5 hrs
Storage	64 GB + microSD
Operating Temperature	-10° to 40°C

8. Battery

Specification	Details
Capacity	5000 mAh
Voltage	15.4 V
Type	LiPo 4S
Energy	77 Wh
Weight	335.5 g
Charging Temp	5° to 40°C

9. RTK Module

Specification	Details
Dimensions	50.2×40.2×66.2 mm
Weight	24±2 g
Power	1.2 W approx.
Interface	USB-C
Accuracy	H: 1 cm + 1 ppm, V: 1.5 cm + 1 ppm

Signature with seal of the
Proprietor/Vendor/Supplier

TECHNICAL BIDS

01	Name of the Bidders / Vendors / Firms	
02	Address for communication	
03	Permanent Address	
04	Mobile No. with Whatsapp	
05	Valid E-mail ID of the Proprietor or contact No.	
06	Adhar Card No. (A copy should be submitted)	
07	PAN Card No. (A copy should be submitted)	
08	GSTIN Registration Number (Copy to be submitted)	
09	Authorization from the Firm / Company / Dealer (Copy to be enclosed)	
10	Experience in dealing with Government Organizations (Copy to be enclosed)	
11	Bank Draft / Banker Cheque Details in support of Tender Fees of Rs.2,000/-	

Signature with seal of the
Proprietor / Vendor / Supplier

ANNEXURE-III

FINANCIAL BID

(To be submitted in a separate sealed cover by the bidders)

Sl. No.	Item	Specification	Brand, if any	Rate of the article (In Rs.)	Taxes, if any	Transportation charges to Range HQ, if any	TOTAL rate per unit (In Rs.)

Signature with seal of the
Proprietor / Vendor / Supplier

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that, I/We am/are related/not related (*) to any Forest Officer of Forest, Environment & Climate Change Department, Govt of Odisha. I/We am/are aware that, if the fact subsequently proved to be false, my/our contract will be rescinded with forfeiture of Security Deposit and I/We shall be liable to compensate for any loss or damage resulting from such cancellation.

I/We also note that, non-submission of this certificate will render my/our tender liable for reject.

(*) – Strike out which is not applicable

Signature with seal of the
Proprietor / Vendor / Supplier

UNDERTAKING

I.....Son//Daughter
/Wife of.....,AT-.....
Po-.....PS.....Dist.Pin.....do
hereby undertake that I have read all the terms and conditions of the Tender Paper and agree to it and
submitted the tender for supply of Multispectral Drone to Khariar Forest Division. Further, I undertake that
I do not have any criminal proceedings pending against me and I have never defaulted in supply of
materials of any other works on previous occasions.

I / We also note that, non-submission of this certificate will render my / our tender liable for
rejection.

Signature with seal of the
Proprietor / Vendor / Supplier

Place :

Date :