



**OFFICE OF THE DIVISIONAL FOREST OFFICER, ATHMALLIK  
FOREST DIVISION.**

**AT/PO: ATHMALLIK, DIST- ANGUL – 759125**

E-mail: [dfoathmallikt@gmail.com](mailto:dfoathmallikt@gmail.com) Tel: 06763-254236. Mob: +91 9437004236

**Notice: 03/1F-1364/2021 //Date: 06<sup>th</sup> March, 2021.**

Invitation for expression of interest for design and development of drones for Forestry application in Athmallik Forest Division, Odisha.

1. Registered manufactures of drone in all over India can apply.(Necessary documents to be submitted)
2. Last date for submission of expression of interest 12<sup>th</sup> March 2021 till 06:00 PM.
3. Expression of interest with cost particulars can be mailed to [dfoathmallikt@gmail.com](mailto:dfoathmallikt@gmail.com) or submit in a registered speed post to **Office of the Divisional Forest Officer, Athmallik Forest Division, At/Po-Athmallik,Angul-759125.**

**Technical Specification of Drone:**

Sl. No.	MAIN SPECIFICATIONS
1.	<ol style="list-style-type: none"><li>1. Take-off Weight - 3-6 KG.</li><li>2. Deployment area - 5×5 Meters.</li><li>3. Flight Modes – Semi Autonomous &amp; Full Autonomous.</li><li>4. Endurance – 40-60 minutes.</li><li>5. Operation range – 4 to 5 Kilometers.</li><li>6. Cruise Speed – 6-10 meters/ second.</li><li>7. Operation Height – 100 – 150 Meters.</li><li>8. Altitude of operation upto 2000 Meters.</li><li>9. Day Light Payload- Resolution Full HD – 10X Zoom,4K</li><li>10. Communication Link – Full Duplex AES encrypted Digital data link</li><li>11. Vertical Take Off and Landing (VTOL) from within an area of 25m × 25m clearing or less.</li><li>12. Should have capability to carry Electro Optic (EO) for day and Thermal Imager (TI) for night.</li><li>13. Laptop based GCS (Ground Control System).</li><li>14. UAV flying platform with Autopilot.</li><li>15. 10 X Zoom day light Gimbal Camera- 4K Full HD recording</li><li>16. IR 320 / Thermal Camera with live streaming capability.</li><li>17. Datalink and video Telemetry Systems.</li><li>18. Fail safe Feature, return to home on low battery.</li><li>19. NPNT Compliance and DGCA Compliance.</li></ol>
2.	<b>ACCESSORIES</b> <ol style="list-style-type: none"><li>1. Transportation carry Cases- 1, for Drone &amp; Laptop</li><li>2. Assembly Tool Kit-1</li><li>3. Battery Chargers-1</li></ol>
3.	Training for 3 Technical people (One time in a Single batch of 3). Full Flying Practice

**General Conditions:**

1. Design, development and delivery of drone to **Office of the Divisional Forest Officer, Athmallik Forest Division, At/Po-Athmallik, Angul-759125** should be completed before 30<sup>th</sup> March 2021.
2. One year warranty Drone and Camera with free service.
3. 24×7, one year Customer Care Support, on mobile and through e-mail.

Total Cost to be quoted by designing and developing agency for the above mentioned technical specifications including all transportation, training charges and Taxes.

**TOTAL COST QUOTED**

*Shind*  
06/03/2021  
Divisional Forest Officer  
Athmallik Division