

**FOUNDATION FOR INNOVATION AND TECHNOLOGY TRANSFER
(FITT)**

Date: 19th November 2025

**NOTICE INVITING EXPRESSION OF INTEREST (EOI)
For Technology Transfer / Licensing Opportunity**

1. Introduction

Foundation for Innovation and Technology Transfer (FITT), IIT Delhi, invites Expressions of Interest (EOI) from eligible companies, startups, and industry partners for licensing and commercialization of the following technologies developed by the Army Design Bureau (ADB), Indian Army.

Name of Technology:

- 1. Drone Technology**
- 2. Dual-Motor Configuration Octocopter**

Validation: The device has been developed and tested by Army Design Bureau (ADB), Indian Army.

Interested parties may apply for **either one**** of the technologies or for ****both****, as per their requirement. However, while submitting the EOI, applicants must clearly mention ****which specific technology/technologies**** they are expressing interest in.**

2. About Technology

2.1 Drone Technology

The Drone Technology developed at ADB integrates advanced structural design, optimized flight stability, and intelligent control systems suitable for diverse defence and industrial applications.

Key Features and Advantages:

- Robust and lightweight design with enhanced flight stability
- Autonomous/Manual flight control modes
- GPS-based guidance
- Operational Range: 5 km, extendable up to 20 km
- Endurance: 40 minutes
- Speed: 12 m/s

- Coaxial camera for aiming and firing
- Handheld controller

2.2 Dual-Motor Configuration Octocopter

Key Features of the Octocopter

- **High Payload Capacity (25–35 kg)**
Designed to carry substantial cargo loads suitable for defence and logistics applications.
- **Secure Cargo Mounting System**
Equipped with mounting bars that firmly hold the payload and prevent any relative motion during flight.
- **Modular Electrical Assembly**
Includes a removable rechargeable battery pack that powers all onboard systems and supports easy replacement in the field.
- **Integrated Communication & Control Electronics**
Features a transceiver powered by the battery pack to receive controller inputs and manage flight operations.
- **GPS-Enabled Navigation**
Fitted with a GPS antenna to enable precise positioning and tracking of the Octocopter.
- **Internal Power & Data Routing**
The main body and arms are engineered to house multiple power lines and data communication lines that seamlessly connect the electrical assembly with the counter-rotating propellers.
- **Optimised Component Placement**
The electrical assembly is positioned toward the ends of the main body, while the rechargeable battery pack is centrally placed for weight balance and stability.
- **360° Camera and Gimbal System**
Includes an onboard camera that provides real-time video feed to the pilot, mounted on a gimbal that enables a full 360-degree view around the Octocopter to enhance situational awareness.

3. Scope of the EOI

- Manufacture, scale, and integrated technology.
- Commercialize the technology for defense applications.
- Applicants must specify clearly whether they are applying for Drone Technology, Octocopter Technology, or both.

4. Eligibility Criteria

- Relevant sector experience
- Manufacturing or product development capability
- Prior experience in technology adoption or R&D
- Adequate technical and financial capacity

5. Submission Requirements

- Company Profile
- Technical Expertise
- Commercialization Experience
- Manufacturing / R&D Capabilities
- Proposed Plan
- Authorization Letter (if applicable)

6. Evaluation Process

EOIs will be evaluated on:

- Technical expertise
- Market understanding
- Organizational capability

7. Important Dates

- EOI Release Date: 19th November 2025
- Last Date for Submission: 25th November 2025 (5:00 PM)
- Mode: Email only

8. Submission Email Address

himanivashisth@fitt.iitd.ac.in & mdfitt@fitt.iitd.ac.in

To,

The Managing Director

Foundation for Innovation and Technology Transfer (FITT)

IIT Delhi, Hauz Khas, New Delhi – 110016

Subject: EOI – Technology Transfer of Drone or/and Octocopter

9. Contact us for queries

Email: himanivashisth@fitt.iitd.ac.in

10. Minimum Pre-Qualification Criteria (PQC)

- Legal entity in India with >51% Indian ownership
- GST/PAN registration
- Not blacklisted (undertaking required)
- No conviction in last 3 years (undertaking required)

11. Documents to be Enclosed

- i. Incorporation Certificate / Partnership Deed
- ii. GST / PAN and MOA
- iii. Financial documents for last 3 years
- iv. Proof of office and manufacturing unit
- v. MSME Certificate (if applicable)
- vi. Company Brochure, facilities available
- vii. Qualification details of the employees
- viii. List illustrating technical expertise, mentors etc.
- ix. Last three audited balance sheets.
- x. Business Plan (max 5 pages)

12. Technology transfer terms:

1. The Licensee's work performance will be monitored.
2. The licensee should submit annual statement of their sales/accounts.
3. The licensee should bear the cost of software development, installation and hardware software maintenance.
4. Non-exclusive and non-sub licensable
5. Term of TOT: 5 years renewable on mutual terms.
6. Technology Transfer fee and 3 % royalty (excluding liable taxes)

13. Disclaimer

FITT reserves the right to accept or reject any or all EOIs.
