

# Autonomous-Delivery Drone

**Project Aim:** Our concept revolves around the creation of autonomous delivery drones that are capable of performing deliveries without manual intervention.

## Components Required:

**Drone Frame:**

**Cost: 6k – 7.5k**



**Motors:**

**Cost: 3.5k – 4k INR Each**



### **Propellers:**

**Cost: 1.5k – 2.5K INR each Pair**



### **Flight Controller:**

**Cost: 12k -15k INR**



### **Electronic Speed Controllers (ESCs):**

**Cost: 5K - 6K INR**



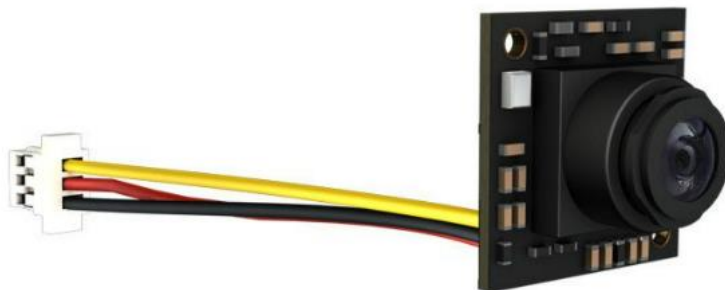
## Battery and Charger:

Cost: 15k – 20k INR Each



## FPV Camera and Transmitter:

Cost: 10K - 12K INR



**GPS Module:**

**Cost: 8K - 10K INR**



**Landing Gear:**

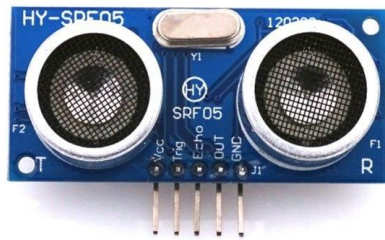
**Cost: 5K INR**



### **Sensors and Modules:**

**Obstacle avoidance Sensors, Microcontrollers/Microcomputers, etc.**

**Cost: 25k - 30K INR**



### **Delivery Drone Box:**

**Customized box designed especially for drone-based deliveries**

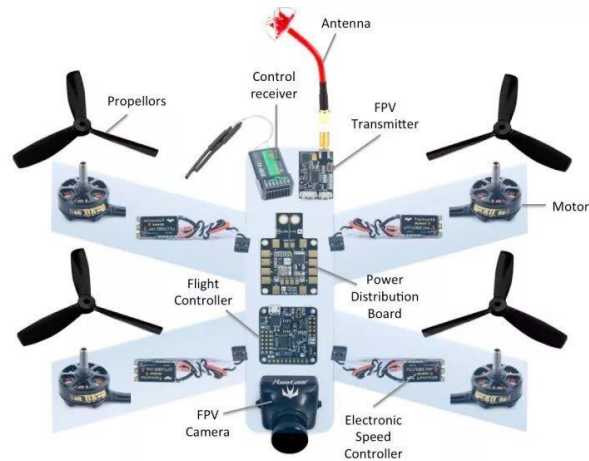
**Cost: 40k-50k**



## Accessories and Spare Parts:

Various cables, connectors, adapters, and spare parts

Cost: 10K - 15K INR



**The estimated cost range for building the Autonomous Delivery Drone is:  
1.8 lakhs to 2 lakhs approximately.**