

## Appendix-I

Sr. No.	Name of the item	Specification	Qty.
1.	Drone Frame	Hexa copter Carbon Fiber, with Landing Gear, Payload 10 kg,T Motor installation space . Up to 1400mm base	1
2	MOTORS	T Motor P80 100kV	6
3	ESC	80A HV 6-12S	6
4	PROPELLERS	Compatible with item 2.	6
5	FLIGHT CONTROLLER	Cube Orange with ADS-B Carrier Board	1
6	GPS	Here 3 – CAN GPS with M8P	1
7	BATTERY	TATTU 16000mAh 12S	2
8	Telemetry	RFD900X (32-bit ARM) Ultra Long Range Telemetry Modem	1
9	Camera	4K camera with HDMI output	1
10	RC transmitter	CubePilot – Herelink	1
11	Miscellaneous	Connectrs, GPS stand, Landing Gear, FC 2.1 Cable Set, Voltage converter	1
12	Power Module	Mauch Power-Cube 2 / V3	1
13	Drone Frame	1 x ZD850mm Full Carbon Fiber hexa copter frame	1
14	MOTORS	5010 360KV High Torque Brushless Motor for Drone	6
15	ESC	ReadytoSky 40A 2-4S ESC	6
16	PROPELLERS	14”-16” Compatible with item 2.	6
17	FLIGHT CONTROLLER	Pixhawk 2.4.8 Drone Flight Controller PX4	1
18	GPS	NEO 7M GPS With Compass for APM 2.6/2.8 and Pixhawk 2.4.6/2.4.8	1
19	BATTERY	10000mAh 4S	1
20	Telemetry	3DR Single TTL MINI Radio Telemetry 433MHz 500mW for PIXHAWK and APM FC	1
21	RC transmitter	Flysky FS-i6S 2.4GHz 10CH AFHDS 2A RC Transmitter With FS-iA10B 10CH Receiver	1

22	Miscellaneous	Connectors, GPS stand, Landing Gear, FC 2.1 Cable Set, Voltage converter, Pixhawk I2C Port Expand Board with Cable with casing	1
23	Power Module	APM/Pixhawk Power Module V6.0 Output BEC 3A XT60 Plug 28V 90A	1
24	Camera with telemetry	8 Mega pixel, FPV	1
25	Micro Quadcopter Kit (290 mm) Vision Unit Equipped	<ol style="list-style-type: none"> <li>1. Pixhawk 4 Mini autopilot</li> <li>2. Carbon fiber 250 airframe with hardware</li> <li>3. Motors - 2206 KV2300,</li> <li>4. 5" Carbon fiber Props</li> <li>5. Pixhawk4 GPS</li> <li>6. Fully assembled Power Management Board with ESCs (BLHeli S ESC 20A)</li> <li>7. Power and Radio Cables,</li> <li>8. Battery Straps</li> <li>9. 1x PMW3901 optical flow sensor x) 1x TOF Infrared distance sensor xi) 1x Structure Core depth camera</li> </ol>	2