

Component Category	Component Name	Specifications/ Notes	Quantity	Supplier	Unit Price (INR)	Total Price (INR)
<b>Frame</b>	Carbon fiber - base plate	Thickness: 4mm	1	<a href="#">Link</a>	2800	2800
	carbon fiber - middle plate	Thickness: 2mm	1	<a href="#">Link</a>	1375	1375
	carbon fiber - Top plate	Thickness: 2mm	1	<a href="#">Link</a>	1375	1375
<b>Motors</b>	Emax Brushless Motor	2306-2400KV, hole pattern: 19 X 19	4	<a href="#">Link</a>	1683	6732
<b>ESC</b>	Holybro Tekko 4in1 ESC	Continuous Current 50A x4, Burst Current 60A x4, Supports 4-6S battery	1	<a href="#">Link</a>	7912	7912
<b>Propellers</b>	Tri Blade Flash Propellers	5.0*5.5, 2CW+2CCW 2 Pair	1	<a href="#">Link</a>	169	169
<b>Flight Controller</b>	Hex Pixhawk Cube	Model: HX4-06222, Input voltage: 3.3 V / 5 V, I2C interface: 2, PWM I/Os: 14, GPS/Serial interfaces: 4	1	<a href="#">Link</a>	34810	34810
	Power Brick Mini	up to 8s 30A continuous, XT60 connectors	1	<a href="#">link</a>	2310	2310
<b>Battery</b>	Premium Lipo Lithium Polymer Battery	Capacity: 2200mAh, Nominal Voltage: 14.8V, Configuration: 4S1P, Discharge Rate: 40C	1	<a href="#">Link</a>	2301	2301
<b>GPS Module</b>	Here 3+ – CAN GPS with in India	Cost-effective high precision positioning, L1 band RTK support with centimeter level positioning accuracy, Equipped with STM32H757 high performance processor running real time	1	<a href="#">Link</a>	22950	22950
<b>Transmitter &amp; Receiver</b>	FlySky FS-i6 2.4G 6CH PPM RC Transmitter	Bandwidth (KHz): 500, RF Range (GHz): 2.40 ~ 2.48, No. of channels: 6, Transmitting Power: ≤ 20dBm.	1	<a href="#">Link</a>	4369	4369
	PPM PWM Receiver	Channels: 6(PWM), 8(PPM), 18(i-BUS) Model, DSC port: PPM/PWM/i-BUS, Range: >300m	1	<a href="#">Link</a>	1399	1399
<b>PDB</b>	Flight Controller Mini Power Distribution Board	Integrated 2 switch control LED and FPV equipment.	1	<a href="#">Link</a>	277	277
<b>Companion computer</b>	Raspberry Pi	RPi 4 Model-B with 8 GB RAM	1	<a href="#">Link</a>	7198	7198
	Cooling Fan for Rpi	30mm 5V, Compatible with Raspberry Pi 4	1	<a href="#">link</a>	1899	1899
<b>Camera</b>	Intel Real SenseDepth Camera	Depth frame rate:Up to 90 fps, Depth output resolution:Up to 1280 × 720, Depth Field of View (FOV):87° × 58°, RGB sensor FOV (H × V):69° × 42°, RGB frame resolution:1920 × 1080	1-4	<a href="#">link</a>	43000	43000
	JST Male 2 Pin Connector	Color: Red, Type: Male, Pack of 10 male Connector	1	<a href="#">Link</a>	166	166

Miscellaneous	Brass Threaded Round Insert	M3 X 6 mm -25 Pcs.	1	<a href="#">Link</a>	69	69
	Brass Threaded Round Insert	M3 X 4 mm -25 Pcs.	1	<a href="#">Link</a>	69	69
	Male to Female Nylon Hex Spacer	M3*6 mm - 10pcs	1	<a href="#">Link</a>	65	65
	White nylon nut	M3 pack-25	1	<a href="#">Link</a>	49	49
	Philips Head bolt	Type: M2.5 (2.5mm Diameter), Material: Stainless Steel, Bolt Length: 8mm, Bolt Head Style: Countersunk Head		<a href="#">Link</a>	99	99
	HT Socket Button Head Cap Allen Bolt	Material: Mild Steel, Brand: EasyMech, Type: M3 (3mm Diameter), Bolt Length: 8mm, Easy Tighten with an Allen-style wrench.		<a href="#">Link</a>	199	199
	Stand off Spacer	M3*3.5, Aluminium		<a href="#">Link</a>		
	Brass Heat Set Threaded Round Insert Nut	M2.5 X 5 mm -25 Pcs.		<a href="#">Link</a>	89	89
	Silicone Wire	High Temperature Super Flexible Grade, Red: 3m		<a href="#">Link</a>	22	22
	Silicone Wire	High Temperature Super Flexible Grade, Black: 3m		<a href="#">Link</a>	22	22
	SanDisk Extreme 64GB microSDXC	UHS-I, V30, 170MB/s Read,80MB/s Write	1	<a href="#">Link</a>	719	719
	Lipo Battery Strap	Material: Nylon, Length: 30 CM, Width: 20 mm	2	<a href="#">Link</a>	75	75
	XT60E-M Male Plug Connector	Product model: XT60E-M, Metal material: gold-plated, Instantaneous current: 40A, Rated current: 20A	1	<a href="#">Link</a>	101	101
	Type-C Cable	Portronics Konnect L POR-1081 Fast Charging 3A Type-C Cable 1.2Meter	1	<a href="#">Link</a>	149	149
	Spacer	M3*45mm 5pcs, female to male				
3D printed parts	Landing gears	Weight : 18g	4		845	845
	Rpi 4 Mount	Weight : 18g	1			
	Flight cotroller Holder	Weight : 2g	2			
	Camera Mount	Weight : 12g	4			
	Power Module Mount	Weight : 18g	1			
					<b>Total ₹</b>	<b>143614</b>