

Drone Club Purchase comparative														Q		
Sr. No.	Component Name	Quantity	PSN	Tote followed by	To be purchased	Name of Vendor_01	URL of vendor_01 product page	Vendor_01 total cost including taxes	Name of Vendor_02	URL of vendor_02 product page	Vendor_02 total cost including taxes	Name of Vendor_03	URL of vendor_03 product page	Vendor_03 total cost including taxes		
1	BLDC Motor	6	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	17394	GEPRIC	https://www.gepric.in/product-page/bl-motor	16589.4	ebay.in	https://www.ebay.in/product-page/bl-motor	25608	16589.4	ebay.in
2	ESC	2	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	15806	Hi Tech xyz	https://www.hitechxyz.in/products/hobbywing-40	16588	probots	https://probots.co.in/hobbywing-40-30a-1s	31998	15806	Hi Tech xyz
3	Thermal Imaging Camera	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	9,999	amazon	https://www.amazon.in/MSX0640-Thermal-Imaging-Camera/dp/B08K5H7P7K	11,480	amazon.in	https://www.amazon.in/MSX0640-Thermal-Imaging-Camera/dp/B08K5H7P7K	9,999	9,999	amazon
4	IR Camera	1	223222	Pranjal Sonawa	Online	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	proprietary by vendor_01	https://www.robix.in/product-page/bl-motor	30,421.58	robix.in	https://www.robix.in/product-page/bl-motor	29100	out of stock	
5	Transmitter and receiver	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 30,554.92	robix.in	https://www.robix.in/product-page/bl-motor	28,799	robix.in	https://www.robix.in/product-page/bl-motor		29100	out of stock
6	GPS	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 12,090.28	electronicscomp	https://www.electroniccomp.com/usb-vflx-flight-c	11,514	electronicscomp	https://www.electroniccomp.com/usb-vflx-flight-c	9999	out of stock	
7	Phubak vfx Flight Controller	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 31,999.24	amazon	https://www.amazon.in/Raspberry-Pi-4-64GB-4K-USB-C-Video-Card/dp/B08K5H7P7K	31,954.40	rcdrone	https://www.rcdrone.in/product-page/bl-motor	40565.88	8,107	
8	Raspberry Pi 4B 8gb module	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 7,559.08	amazon	https://www.amazon.in/Raspberry-Pi-4-64GB-4K-USB-C-Video-Card/dp/B08K5H7P7K	8,072	robix.in	https://www.robix.in/product-page/bl-motor	8,107		
9	Navigation LEDs	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
10	Pi Tait 40 HAT(GBAModule)	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
11	IR Flashlight for camera	2	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
12	LiPo Battery	7	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
13	Electorate Microphone	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
14	Speaker	2	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 177.00	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
15	Tera Ranger sensor	5	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
16	Tera Ranger hub	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
17	Multi Camera Adapter	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 3,779.54	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
18	Phubak Damping Bed	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 206.86	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
19	Servo Motor	4	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 3,068.00	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
20	Propeller	16	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 80,372.16	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
21	SD Card	3	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
22	SP Electron N20 Miniature Gear Motor 3V 5V 6V 9V DC Gear Motor Metal Gear KG384 - Pack of 01	4	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 4,517.04	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
23	Body frame material	3kg	2,232,22	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
24	Pendrive/sdcard	4	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
25	Transmitter cable	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 805.94	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
26	XT 60 battery series connector	4	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
27	Drilling machine	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
28	Soldering iron	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 3,642.66	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
29	PLA Carbon Fibre 3D Printing Filament	1kg	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
30	Industrial IR Thermometer	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
31	Pier	3	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
32	Zip tie	2 pack	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
33	Screwdriver	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
34	Lipo battery safe bag	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 254.88	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
35	Fire extinguisher	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
36	Spiral wire wrapping	bundle	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
37	Rubber heat shrink	3 set	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
38	Hot gun	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor	₹ 1,528.10	amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
39	Crimping tool kit	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
40	Wire stripper	1	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
41	Jump wire	1 set	223222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
42	3d printing tool kit	1	2,232,22	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
43	Chisel tool	1 set	221222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera-for-Raspberry-Pi-4/dp/B08K5H7P7K	13,599	robix.in	https://www.robix.in/product-page/bl-motor			
44	Wrenches	1 set	221222	Pranjal Sonawa	Online	robix.in	https://www.robix.in/product-page/bl-motor		amazon	https://www.amazon.in/Arducam-Raspicam-3MP-USB-Camera						

Only Unit Costs are mentioned

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[illegible]

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[illegible]

Drone Club components/items having cost above 5000

Only Unit Costs are mentioned

Sr. No.	Component Name	Quantity	Per Unit Estimate	Total Estimate	PRN	Tobe followed by	To be purchased	Offline Bhusaval Vendor Cost	Vendor from Pune	Name of Vendor_01	URL of vendor_01 product page	Vendor_01 total cost including taxes	Name of Vendor_02	URL of vendor_02 product page	Vendor_02 total cost including taxes	Name of Vendor_03	URL of vendor_03 product page	Vendor_03 total cost including taxes	Remarks	
7	Phetawk v6x Flight Controller	1	30,476	30,476	2232220	Pranjal Sonawia	Online	30094.28	31,999.24	robu.in	https://robust.in/products/cv6-flight-controller	30,476	ibotic	https://ibotic.in/products/cv6-flight-controller	28,952.00	rodrone	https://rodrone.in/products/cv6-flight-controller	40411.29	Available with low price Offline-Bhusaval Vendor Online-Vendor_02 Available with low price Offline-Pune Vendor Online-Vendor_03	
5	Transmitter and receiver	1	28,799	28,799	2232220	Pranjal Sonawia	Online	32627.11	30,554.92	ibotic.in	https://www.ekstore.in/iboticv6-h12-2	28,799	robokits	https://robokits.co.in/multicopter-parts/radio-control-3x-rc-aircraft-h12-ibotic-2ch-as-remote-control	30,421.58	robu.in	https://robust.in/product/radio-h12-2-2ch	29100	out of stock	
16	Tera Ranger hub	1	14,473.99	14473.99	2232220	Pranjal Sonawia	Online			ibotic	https://ibotic.com/product/teraranger	14473.99			proprietary by vendor_01			proprietary by vendor_01	Currently Only Available at Vendor_01 which need to purchase from foreasn.	
4	IR Camera	1	14,643	14,643	2232220	Pranjal Sonawia	Online			amazon	https://www.amazon.in/dkucam-base	13,599	proprietary by vendor_01			proprietary by vendor_01			proprietary by vendor_01	
161	CAN Power Module	1		2232220	Pranjal Sonawia	Online				robu.in	https://robust.in/product/can-can-ghu-401ghd-power-module	12,468.00								
10	Pi Talk 4G HAT(GSMModule)	1	13,000	13,000	2232220	Pranjal Sonawia	Online			ebay	https://www.ebay.co.uk/itm/28820529246	12,395.94	sb component	https://shop.sb-components.co.uk/products	13000	(Out of Stock)	amazon	https://www.amazon.in/Raspberry-Pi-Communication-PowerSupply-Support-Telephone-Modem-28820529246	out of stock	Currently Only Available at Vendor_01 which need to both vendors having same price
24	Body frame material	3kg	10,895.30	32,685.52	232,22	Sakshi Toge	Online			3dtech	https://www.3dtech.com/products/3d	10845.9	triton	https://triton3d.com/object3d-of-raft-glass	10845.9					
153	Vibration meter	1					Online			garmade	https://garmade.com/en-in/products/10	10,140.15	Amazon	https://amzn.in/d/9JdH1F1	19,999					Lower price
3	Thermal Imaging Camera	1	9,999	9,999	2232220	Pranjal Sonawia	Online		10488.48	robu.in	https://robust.in/product/westharm-mk4	9,999	amazon	https://www.amazon.in/M_130045_Thermal-imaging-camera	11480	out of stock	engineeringstore.in	https://www.engineeringstore.in/products	9,999	Vendor_01 lowest Price
6	GPS	1	11,514	11,514	2232220	Pranjal Sonawia	Online	9046.66	12,090.28	robu.in	https://robust.in/products/neo-3-gps	9,999	electronicsonproblem	https://www.electronicsonproblem.in/	10362.76	diskstore (Out of Stock)	https://www.diskstore.in/collections/neo-3-gps/	9999	Busaval Vendor Low Price	
43	3d printing tool kit	1	10,000	10,000	2232224	Sakshi Toge	Online			amazon.in	https://amzn.in/d/1S3Gp0	8,563							Currently Only Available at Vendor_01	
8	Raspberry Pi 4B 8gb module Companion Computer	1	8,072	8,072	2232220	Pranjal Sonawia	Online		7,559.08	amazon	https://www.amazon.in/Raspberry-Pi-4	8,099	robu.in	https://robust.in/products/raspberry-pi-4-mod	7,198	flipkart	https://www.flipkart.com/raspberry-pi-4-8	8,099	Low price at Vendor_02	
55	Thrust test stand	1	8000	8000	2232224	Sakshi Toge	Online			banggood	https://banggood.com/Banggood-3d-printing	7,823.47	amazon	https://amzn.in/d/1Uw6tZ	20,300					Low price at Vendor_01
15	Tera Ranger sensor	5	7,247.46	36,237.52	2232220	Pranjal Sonawia	Online			mouse.in	https://www.mouse.in/ProductDetail/	7,247.46	ibotic	https://ibotic.com/product/teraranger-sen	13,098.51					Low price at Vendor_01
70	Power Module	1	7500	7500	2232220	Pranjal Sonawia	Online	6027.61	7,861.16	robu.in	https://robust.in/products/hv-4m-gps	6,329	ibotic	https://ibotic.in/products/hv-4m-gps	6329					Low price at Bhusaval Vendor
2	ESC	2	7903	15,806	2232220	Pranjal Sonawia	Online	7211.42	16,596.70	robu.in	https://robust.in/products/hobbywing-40a	8119	16 Tech xyz	https://ibtechxyz.in/products/hobbywing-40a	8429	probots	https://probots.co.in/hobbywing-40a/	15999	Vendor_01 lowest Price	

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