

RAB Delivery Food Robot Tahap Pertama							
no	nama barang	keterangan	jumlah	Volume	harga satuan	harga total	link referensi
POWER MANAGEMENT							
1	baterai lippo 6s 25c 24v 10000 mAH	power	2	-	Rp4.846.000,00	Rp9.692.000,00	<a href="#">lipo 6s</a>
2	stepdown xl4015	power	5	-	Rp15.600,00	Rp78.000,00	<a href="#">stepdown</a>
3	adapter 24v 2A	power	3	-	Rp36.200,00	Rp108.600,00	<a href="#">adapter</a>
4	baterai lippo 3s 100c 12v 5200 mAH	power	2	-	Rp826.000,00	Rp1.652.000,00	<a href="#">lipo 3s</a>
AKTUATOR							
7	Bringsmart PG28-385 High Torque Precision Planetary Gear Box With 24V DC Motor 24V 320RPM Planetary gear motor	Motor DC	3	-	Rp324.600,00	Rp973.800,00	<a href="#">Motor DC</a>
8	Motor DC PG45 180Rpm 45kgfcm 60W 7ppr encoder (50k)	Motor DC	3	-	Rp1.675.000,00	Rp5.025.000,00	<a href="#">Motor DC</a>
9	Actuator Electric Linear Motor Controller 300mm Stroke 1500N 12V - actuator	Linear Actuator	2	-	Rp695.000,00	Rp1.390.000,00	<a href="#">Linear Actuator</a>
MATERIAL ,MANUFACTUR , AND MECHANISM							
10	plat 2x1 m T3	konektor frame	40000	-	Rp100,00	Rp4.000.000,00	<a href="#">plat T3</a>
11	aluminium hollow 20x20	rangka	12	-	Rp82.000,00	Rp984.000,00	<a href="#">aluminium hollow</a>
12	aluminium profile 20x20	rangka	12	-	Rp80.000,00	Rp960.000,00	<a href="#">aluminium profile</a>
13	akrilik bening 2mm 45x80cm	frame	10	-	Rp72.000,00	Rp720.000,00	<a href="#">akrilik 2mm</a>
14	PLA	mount	3	-	Rp154.000,00	Rp462.000,00	<a href="#">PLA filament</a>
15	timing belt 20gt 6mm	mekanisme	5	-	Rp16.000,00	Rp80.000,00	<a href="#">belt</a>
16	pulley 20gt	mekanisme	5	-	Rp10.000,00	Rp50.000,00	<a href="#">timing pulley</a>
17	gantry openbuild 4 roda	mekanisme	4	-	Rp110.500,00	Rp442.000,00	<a href="#">openbuild 4 roda</a>
18	gantry openbuild 3 roda	mekanisme	4	-	Rp137.000,00	Rp548.000,00	<a href="#">openbuild 3 roda</a>
19	belt tensioner	mekanisme	2	-	Rp95.000,00	Rp190.000,00	<a href="#">bel tensioner</a>
ELECTRICAL SYSTEM AND SENSOR							
24	Raspberry Pi 5 8GB	Mikrokomputer	2	-	Rp2.374.050,00	Rp4.748.100,00	<a href="#">Raspi</a>
25	Rplidar A2 360 Degree Laser Range Scanne Triangular Ranging 12M Lidar	sensor	2	-	Rp6.220.500,00	Rp12.441.000,00	<a href="#">rplidarA2</a>
26	Dioda	Dioda	10	-	Rp300,00	Rp3.000,00	<a href="#">dioda</a>
27	Resistor 1k	Resistor	10	-	Rp800,00	Rp8.000,00	<a href="#">Resistor</a>
28	MPU6050 Sensor Accelerometer & Gyroscope	Sensor	2	-	Rp29.000	Rp58.000	<a href="#">MPU6050</a>
29	ESP32 ESP-32 DOIT WIFI BLUETOOTH IOT ESP-32S DEVELOPMENT BOARD	Sensor	3	-	Rp65.000	Rp195.000	<a href="#">ESP32</a>
30	STM32 STM32F4 STM32F411CEU6 F411 ARM Cortex M4 Blackpill V2.0 - STM32F	Mikrokontroler	3	-	Rp105.000	Rp315.000	<a href="#">STM32</a>
31	MOTOR DRIVER BTS7960 BTS7960B 43A HIGH CURRENT MODUL	Motor Driver	10	-	Rp55.000	Rp550.000	<a href="#">Motor Driver</a>
32	Modul Stepdown XY-3606 DC 9V-36V Input to USB Jack DC 5V 5A	Stepdown	2	-	Rp29.000	Rp58.000	<a href="#">Stepdown</a>
33	PUSH BUTTON EMERGENCY SWITCH 22mm PUSH LOCK 10A 660V TYPE EA38-11ZS	Emergency button	2	-	Rp16.200	Rp32.400	<a href="#">Emergency button</a>
34	Saklar Pesawat Lampu DC 12V 20A / Toggle Switch Pesawat LED 12 Volt 20A - Putih	Switch	10	-	Rp17.500	Rp175.000	<a href="#">Switch 20A</a>
35	SAKLAR ON-OFF KCD1-101 6A 250V AC 10 A 125 V AC	Switch	10	-	Rp4.500	Rp45.000	<a href="#">Switch</a>
36	AWG 16 Kabel Silicone AWG16 Cable Silikon Wire Blue Biru RC Plane	Kabel	10	-	Rp14.000	Rp140.000	<a href="#">awg16</a>
37	AWG 20 Kabel Silicone AWG20 Cable Silikon Wire Blue Biru RC Plane	Kabel	10	-	Rp8.000	Rp80.000	<a href="#">awg20</a>
38	1 Set BA-200A 4P 4 PIN JST Socket XH2.54 XH2.54mm konektor Molek 4 p	Konektor	20	-	Rp1.300	Rp26.000	<a href="#">jst 4pin</a>
39	600p / R Rotary Encoder 5V-24V 2-phases Shaft 6mm	Rotary Encoder	4	-	Rp250.000	Rp1.000.000	<a href="#">Rotary encoder</a>
40	Konektor Micro JST 1.25mm 3-Pin 1,25 mm 1,25mm Female Male 3Pin 3P	Konektor	20	-	Rp650	Rp13.000	<a href="#">jst 3pin</a>
USER INTERFACE AND DISPLAY							
41	Nextion 7 0 NX8048T070 Smart LCD Display HMI Intelligent Serial UART	display	2	-	Rp1.420.000,00	Rp2.840.000,00	<a href="#">display</a>
DAN LAIN LAIN							

42	Omnidirectional wheel 127mm 152mm 203mm omni wheel 5 inch 6 New	roda	6	-	Rp2.400.000,00	Rp14.400.000,00	<a href="#">roda besar</a>
43	omni wheel roda omniwheel 60mm	roda	4	-	Rp330.000,00	Rp1.320.000,00	<a href="#">roda kecil</a>
TOTAL						Rp65.802.900,00	