Bill Of Materials

Part Name	Part Number	Make/Buy	Description	Quantity	Supplier/Manufacturer	Unit Cost (INR)	Total Part Cost (INR)
Linear Actuator	PAI01V1	Buy	TROKE LENGTH : 150MM LOAD CAPACITY : 4000N TO 8000N SPEED : 3mm/sec TO 12mm/sec INPUT VOLTAGE : 12 TO 24 VDC	1	PURLIN AUTOMATION INDIA PVT. LTD.	2300	2300
Servo Motors	SKU: 618521	Buy	Ultra Torque Quarter Scale 60kgcm Metal Gear Servo Motor	2	https://robu.in/product/ultra-torque-quarter-scale-60kgcm-	4224	8448
Worm Gear Stepper Motor	RMCS-2061	Buy	NEMA23 STEPPER MOTOR WITH WORM GEARBOX 220KGCM	1	https://robokits.co.in/motors/stepper-motor/stepper-	8024	8024
Stepper Motor	RMCS-1004	Buy	NEMA34 STEPPER MOTOR 85KGCM TORQUE	1	https://robokits.co.in/motors/stepper-motor/stepper-	4480	4480
Stereo Camera	SKU: 1120434	Buy	Arducam 8MP Synchronized Stereo Camera Bundle Kit for Jetson Nano	1	https://robu.in/product/arducam-8mp-synchronized-stereo-	10499	10499
CYTRON DC Motor Driver	SKU: 6721	Buy	CYTRON 20AMP 6V-30V DC MOTOR DRIVER (2 CHANNELS) MDD20A (ORIGINAL)	1	https://robu.in/motor-drives-drivers/cytron-dc-motor-	3180	3180
Jetson Nano	SKU: 637300	Buy	NVIDIA Jetson Nano Developer Kit-B01	1	https://robu.in/product/nvidia-jetson-nano-developer-kit/	20,999	20999
Stepper Motor Driver	SKU: 6721	Buy	DRV8825 Stepper Motor Driver with Aluminum Heat Sink	2	https://robu.in/product/drv8825-stepper-motor-driver-with-	269	538
Actuator Mount	-	Buy	MS 5mm & 3mm sheet laser cut and welded	1	https://www.beaconengineering.in/	600	600
Robotic Arm Mount	-	Buy	CNC Machined Bracket	1	karkhana.io	2000	2000
Main Ground Mount	-	Buy	5mm Mild Steel Sheet Laser Cut and Bending Done	1	https://www.beaconengineering.in/	1700	1700
Servo Mounts	-	Buy	Al 6061 block CNC Mahcined	3	https://www.beaconengineering.in/	700	2100
Female Plug 3D Printed mount	-	Buy	100% Density PLA	1	https://caddman-3d-printing-delhi-ncr.business.site/	800	800
		Total Number of Parts		**17**	**Grand Total**		**65668**