|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Link** | **Product Name** | **Site** | **Cost** | **Qty.** | **Total** |  |
| [15L High Flow 555 Vacuum Pump, Air Pump, Oxygen Pump, Fish Tank Folding](https://robu.in/product/15l-high-flow-555-vaccum-pump-air-pump-oxygen-pump-fish-tank-folding/?gclid=Cj0KCQjwib2mBhDWARIsAPZUn_kVH2NUkXrOPlp43b5ka8gJP85mdeC0eQzTHeK64MgFGsxEQ_0Iy9YaAlQwEALw_wcB) | 15L High Flow 555 Vacuum Pump | **Robu** | 589 | **1** | 589 |  |
| [Cytron 20Amp 6V-30V DC Motor Driver MD20A](https://robu.in/product/cytron-20amp-6v-30v-dc-motor-driver-md20a/) | Cytron 20Amp 6V-30V DC Motor Driver | 1930 | **1** | 1930 |  |
| [XH-M401 DC-DC Step Down Buck Converter Power Supply Module XL4016E1](https://robu.in/product/xh-m401-dc-dc-step-down-buck-converter-power-supply-module-xl4016e1/?gclid=Cj0KCQjw84anBhCtARIsAISI-xfxciyL48yqxGWWagKOC2TWxK2AO0CASsATqfQ4uLf8z4yWcE-0KsgaAmW_EALw_wcB) | Buck Converter | 250 | **1** | 250 |  |
| [Universal Aluminium Heat Sink 50 x 25 x 10 mm](https://robu.in/product/universal-aluminium-heat-sink-50-x-25-x-10-mm/?gclid=CjwKCAjw29ymBhAKEiwAHJbJ8uUgJ6yJGkWyTDP_m7JWUWgbdZebCGnpWuA1BcgCGoSIpVGeecCrJxoC0KAQAvD_BwE) | Heat sink for motor driver | 49 | **1** | 49 |  |
| [Ant Esports VS700L 700 Watt Non-Modular Power Supply/PSU for PC](https://www.amazon.in/dp/B0C3ZZQ28W/ref=sspa_dk_detail_3?pd_rd_i=B0C3ZZQ28W&pd_rd_w=NDMbV&content-id=amzn1.sym.dcd65529-2e56-4c74-bf19-15db07b4a1fc&pf_rd_p=dcd65529-2e56-4c74-bf19-15db07b4a1fc&pf_rd_r=YG9N9A0X02SRSF0V5NG1&pd_rd_wg=IYf47&pd_rd_r=5859406d-eb75-428f-81e2-c95e91808a85&sp_csd=d2lkZ2V0TmFtZT1zcF9kZXRhaWxfdGhlbWF0aWM&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFSOUJVRkJKQlM3NzcmZW5jcnlwdGVkSWQ9QTA2MzQ0MDEzUEk5OVY0S0EzWlo2JmVuY3J5cHRlZEFkSWQ9QTAxMDI3NDJHNEo5QTFJNkE5NjAmd2lkZ2V0TmFtZT1zcF9kZXRhaWxfdGhlbWF0aWMmYWN0aW9uPWNsaWNrUmVkaXJlY3QmZG9Ob3RMb2dDbGljaz10cnVl&th=1) | ATX Power supply | **Amazon** | 2577 | **1** | 2577 |  |
| [Mega Torque DC Planetary Geared Encoder Servo Motor 250W 25RPM 18VDC 650Kgcm](https://robokits.co.in/motors/mega-torque-18v-250w-dc-motor/mega-torque-encoder-servo-motor/mega-torque-dc-planetary-geared-encoder-servo-motor-250w-25rpm-18vdc-650kgcm) | DC PLANETARY GEARED ENCODER SERVO MOTOR 250W 25RPM 18VDC 650KGCM | **Robokits India** | 5723 | **1** | 5723 |  |
| [DS5180 Servo Motor High Torque 80Kg | EtechRobot](https://etechrobot.com/product/ds5180-high-torque-80-kgcm-servo-motor/) | DS5180 Servo Motor High Torque 80Kg | **EtechRobot** | 5309 | **2** | 10618 |  |
| [Ultra Torque Dual Shaft Metal Gear 35kgcm Coreless Servo w/t Acc](https://robokits.co.in/motors/rc-servo-motor/ultra-torque-dual-shaft-metal-gear-35kgcm-coreless-servo-w-t-acc) | Dual Shaft Metal Gear 35kgcm Servo | **Robokits India** | 2549 | **2** | 5098 |  |
| **Not Applicable** | 3/4 CPVC Pipe | **Local/Yogi Ent.** | 40 | **5** | 200 |  |
| 3/4" CPVC T | 35 | **2** | 70 |  |
| 3X50 CSK Bolt | 30 | **1** | 30 |  |
| Mix Iron Nail | 120 | **1** | 120 |  |
| Mix UPVC Fitting | 280 | **1** | 280 |  |
| <https://www.schmalz.com/en-in/vacuum-technology-for-automation/vacuum-components/vacuum-suction-cups/bellows-suction-cups-round/bellows-suction-cups-fsga-1-5-folds-302818/10.01.06.00081/> | Rubber Suction Cup | **Schmalz India** | 1239 | **1** | 1239 | //One Cup was given by Schmalz India as free sample |
| [XH-M401 DC-DC Step Down Buck Converter Power Supply Module XL4016E1](https://robu.in/product/xh-m401-dc-dc-step-down-buck-converter-power-supply-module-xl4016e1/?gclid=Cj0KCQjw84anBhCtARIsAISI-xfxciyL48yqxGWWagKOC2TWxK2AO0CASsATqfQ4uLf8z4yWcE-0KsgaAmW_EALw_wcB) | Buck Converter | **Robu** | 250 | **1** | 250 |  |
| <https://robu.in/product/pct-spl-42-0-08-2-5mm-42-pole-wire-connector-terminal-block-with-spring-lock-lever-for-cable-connection/> | PCT-SPL-42 0.08-2.5mm 4:2 Pole Wire Conn. Block | 40 | **2** | 80 |  |
| <https://robu.in/product/pct-214-0-08-2-5mm-5-pole-wire-connector-terminal-block-with-spring-lock-lever-for-cable-connection/> | PCT-214 0.08-2.5mm 4 Pole Wire Connector Terminal Block | 22 | **1** | 22 |  |
| <https://www.flyrobo.in/2-pin-5.08mm-pitch-pluggable-screw-terminal-block-connector?search=2+Pin+5.08mm+Pitch+Pluggable+Screw+Terminal&description=true> | 2 Pin 5.08mm Pitch Pluggable Screw Terminal | **Flyrobo** | 10 | **4** | 40 |  |
| <https://www.flyrobo.in/100cm-jr-male-futaba-female-servo-extension-cable?search=100cm+JR+Male+to+Futaba+Female+Servo+Extension+Cable&description=true> | 100cm JR Male to Futaba Female Servo Extension Cable | 139 | **4** | 556 |  |
| <https://www.flyrobo.in/3-pin-5.08mm-pitch-plug-screw-terminal-block-connector?search=3+Pin+5.08mm+Pitch+Plug-in+Screw+Terminal&description=true> | 3 Pin 5.08mm Pitch Plug-in Screw Terminal | 15 | **2** | 30 |  |
|  | 9 x 15 cm Double-Side Universal PCB Prototype Board | **Flyrobo** | 99 | **1** | 99 |  |
| [40 pin Male Header connector Strip Breakable](https://www.flyrobo.in/40-pin-male-header-connector-strip-breakable-5pcs) | 40 Pin male headers connector strip breakable | 8 | **5** | 40 |  |
|  | 2.54mm Pitch Female Burg Strip 40 pin | 8 | **5** | 40 |  |
|  |  |  |  | **Total :-** | **29930** |  |
|  |  |  |  |  |
| **Components that were already with our team** | | | | | |  |
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|  |
| 1 | Camera for image processing - Intel Real sense L515 |  |  |  |  |  |
| 2 | Plywood Sheets |  |  |  |  |  |
| 3 | Grid sheet under our setup |  |  |  |  |  |
| 4 | Arduino Uno |  |  |  |  |  |
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| **NOTE:- The whole funding of 29,930 is sacntioned by our Nirma University itself.** | | | | | |  |
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