|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SL. NO.** | **Sensor Name** | **Quantity** | **Price per item** | **TOTAL** | **Link** |
| 1. | A3144 Magnetic Hall Sensor | 1 | 39 | **39** | https://robu.in/product/hall-magnetic-sensor-module |
| 2. | DS18B20 Temp Sensor | 1 | 172 | **172** | Robotbanao-Temperature-Heat-Cable-Black/dp/B07FSNS1SG |
| 3. | DHT22 Temp Sensor | 1 | 258 | **258** | https://robu.in/dht22-am2302-digital-temperature-humidity-sensor |
| 4. | Vero board/ pipe/ solder | - | 182 | **182** |  |
| 5. | SX1278 LoRa Module | 2 | 439 | **878** | https://robu.in/product/sx1278-lora-module- -wireless-spread-spectrum-transmission/ |
| 6. | 3d print wind sensor (980-500) | - | 480 | **480** |  |
| 7. | bearing | 6 | 80+71 | **151** | https://robu.in/product/radial-ball-bearing-625zz- printer-robot-4pcs |
| 8. | wire | - | 120 | **120** |  |
| 9. | TFT DISPLAY 2.8” | 1 | 509 | **509** | https://robu.in/product/2-8-inch-tft-lcd-non-touch-display card-support/ |
| 10. | GY-30 BH1750FVI | 1 | 172 | **172** | https://robu.in/product/gy-30-bh1750fvi-illumination-sensor/ |
| 11. | GY-BME280 Precision Altimeter Atmospheric Pressure Sensor | 1 | 579 | **579** | https://robu.in/product/gy-bme280-3-3-precisi atmospheric-pressure-sensor-module/ |
|  |  |  |  | **3,540** | PER HEAD **506** |

**3rd Budget List**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SL. NO.** | **Sensor Name** | **Quantity** | **Price per item** | **TOTAL** | **Link** |
| **1.** | LTR 390 | 1 | 680 | **680** | https://thinkrobotics.com/products/digital-ltr390-uv-ultraviolet-sensor |
| **2.** | Connector | - | 210 | **210** | --- |
| **3.** | AMS 1117 | 8 | 23 | **184** | https://robu.in/product/ams1117-5v-step-power-supply-module |
| **4.** | project Report Binding | 1 | 400+50 | **450** | --- |
| **5.** | ANTENNA LoRa Module | 2 | 150 | **300** | https://www.electronicscomp.com/nrf24l01-2.4ghztransceiver-wireless-module-india |
|  |  |  |  | **1,824** | PER HEAD **365** |

**4th Budget List**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SL. NO.** | **Sensor Name** | **Quantity** | **Price per item** | **TOTAL** | **Link** |
| **1.** | PCB Board | 5 | 1600-500 | **1100** | https://www.lioncircuits.com/pcb-fabrication |
| **2.** | Components of PCB | - | 550-30 | **520** | **---** |
| **3.** | A3144 Magnetic Hall Sensor | 6 | 39 | **234** | https://robu.in/product/hall-magnetic-sensor-module |
|  |  |  |  | **1,854** | PER HEAD **370** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL. NO.** | **Sensor Name** | **Quantity** | **Price per item** | **TOTAL** |
| 1. | 3d print wind sensor | 1 | 840 | **840** |
| 2. | bearing | 4 | 18 | **71** |
| 3. | GY-BME280 Precision Altimeter Atmospheric Pressure Sensor | 1 | 579 | **579** |
| 4. | GY-30 BH1750FVI | 1 | 172 | **172** |
| 5. | SX1278 LoRa Module | 2 | 425 | **850** |
| 6. | Bearing 1pic | 1 | 180 | **180** |
| 7. | DHT22 Temp Sensor | 1 | 186 | **186** |
| 8. | Hall Sensor, 2 modules | 3 | 50+15+15 | **80** |
| 9. | Pipe + access | - | 150 | **150** |
| 10. | LTR 390 | 1 | 600 | **600** |
| 11. | ANTENNA LoRa Module | 2 | 70 | **140** |
| 12. | Connector, AMS 1117 | - | 110+40 | **150** |
| 13. | Report Binding for major project | 1 | 200 | **200** |
| 14. | PCB board | 5 | 1600+192 | **1792** |
| 15. | PCB components | -- | 550+81 | **631** |
| 16. | Hall Sensor | 8 | 15 | **120** |
| 17. |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  | **6,621** |

EXPENSES