CSE 404: **Object Picking Robot** Project cost

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.** | **Item name** | **Per unit (tk)** | **Unit** | **Total (tk)** | **Payer** | **Shop** | **Date** |
| 1. | ~~Wireless device & interface~~ | ~~1500~~ | ~~1~~ | ~~1500~~ | ~~Limon~~ | ~~T.S.~~ | 14.03.13 |
| 2. | Infrared sensor | 5+5 | 10 | 100 | Limon | T.S. |
| 3. | Rickshaw fare | - | - | 100 | Sourov | - |
| 4. | Rickshaw fare | - | - | 40 | Limon | - |
| 5. | Rickshaw fare | - | - | 50 | Rhythm | - | 17.03.13 |
| 6. | LED - small & big | - | 5+2 | 10 | Rhythm | S.E. |
| 7. | Wires | 20 | 2 | 40 | Rhythm | S.E. |
| 8. | Switch (ON/OFF) | 3 | 5 | 15 | Rhythm | S.E. |
| 9. | ULN2003 | 20 | 3 | 60 | Rhythm | S.E. |
| 10. | ATmega16 microcontroller | 240 | 2 | 480 | Rhythm | S.E. |
| 11. | Breadboard | 170 | 1 | 170 | Rhythm | S.E. |
| 12. | Resistor (1K, 2K & 4.7 K) | - | 5+5+5 | 10 | Rhythm | S.E. |
| 13. | Rickshaw fare | - | - | 20 | Mazhar | - |
| 14. | Bus fare | - | - | 50 | Rhythm | - |
| 15. | Rickshaw fare | - | - | 40 | Rhythm | - | 21.03.13 |
| 16. | Bluetooth device | 1500 | 1 | 1500 | Limon | T.S. |
| 17. | Servo motor – MG-995 | 800 | 2 | 1600 | Rhythm | T.S. |
| 18. | Photo-diode | 80 | 2 | 160 | Rhythm | T.S. |
| 19. | Led - big | 1 | 5 | 5 | Rhythm | T.S. |
| 20. | Voltage regulator | 8 | 8 | 64 | Rhythm | T.S. |
| 21. | LDR | 5 | 2 | 10 | Rhythm | T.S. |
| 22. | IC-7805 | 7 | 1 | 7 | Rhythm | T.S. |
| 23. | PCB - big | 60 | 1 | 60 | Rhythm | S.E. |
| 24. | PCB - small | 30 | 1 | 30 | Rhythm | S.E. |
| 25. | ATmega16 base | 15 | 2 | 30 | Rhythm | S.E. |
| 26. | 10K potentiometer | 10 | 5 | 50 | Rhythm | S.E. |
| 27. | Solder | 140 | 1 | 140 | Rhythm | S.E. |
| 28. | Rojon | 10 | 1 | 10 | Rhythm | S.E. |
| 29. | 12V AC-DC adapter | 130 | 1 | 130 | Rhythm | S.E. |
| 30. | Soldering iron | 120 | 1 | 120 | Rhythm | S.E. |
| 31. | Multi-meter | 600 | 1 | 600 | Rhythm | S.E. |
| 32. | Capacitor - 100uF & 0.1 uF | - | 2+2 | 10 | Rhythm | S.E. |
| 33. | Wires | 20 | 4 | 80 | Rhythm | S.E. |
| 34. | Microcontroller loader | 1100 | 1 | 1100 | Rhythm:600, Limon:500 | Szk.E. |
| 35. | Rickshaw fare | - | - | 60 | Rhythm | - |
| 36. | Bluetooth USB dongle | 100 | 1 | 100 | Rhythm | D.IT |
| 37. | Rickshaw fare | - | - | 25 | Rhythm | - |
| 38. | L293D | 150 | 2 | 300 | Sourov | T.S. | 24.03.13 |
| 39. | DC motor | 150 | 2 | 300 | Nayem | S.T.E. |
| 40. | 9V Battery | 60 | 1 | 60 | Sourov | S.T.E. |
| 41. | ? | 10 | 1 | 10 | Sourov | S.T.E. |
| 42. | Connector | 20 | 1 | 20 | Sourov | S.T.E. |
| 43. | Soldering | - | - | 350 | Sourov:200,  Limon:150 | - |  |
| 44. | Rickshaw fare | - | - | 120 | Limon:60,  Mazhar:60 | - |  |
| 45. | ?? | - | - | 500 | Limon | - |  |
| 46. | Stepper motor, Wheel | - | - | 1500 | Mazhar | - |  |
| 47. | Wheel (Back) | - | 2 | 360 | Sourov | - |  |
| 48. | Breadboard | 180 | 1 | 180 | Sourov | - |  |
| 49. | Microcontroller | 150 | 1 | 150 | Sourov | - |  |
| 50. | Battery | - | - | 280 | Sourov | - |  |
| 51. | Connector | - | - | 14 | Sourov | - |  |
| **Total cost** | | | | **11220** |

**□ Shop list:**

01. Telecom Spares, Shop1: 36/9, Hossain Market & Shop2: 42, Moon Complex, Patuatuly, Dhaka-1100.

02. Swades Electronics, Rabeya Elias Market(1st floor), Shop no. 15 , 62, Patuatuly, Dhaka-1100.

03. Suzuki Electronics, Rabeya Elias Market(1st floor), Shop no. 17, 1st Lane-62, Patuatuly, Dhaka-1100.

04. Desire IT, ECS Computer City, Shop no. 604, Level-06, Multiplan center, 69-71, New Elephant Road, Dhaka-1205.

05. Star TV Electronics, 36, Hossain Market, Shop no. 2, Patuatuly, Dhaka.

□ **Total cost paid :**

|  |  |
| --- | --- |
| Rhythm | 4816 |
| Limon | 2850 |
| Sourov | 1674 |
| Mazhar | 1580 |
| Nayem | 300 |
| Arif vai | 0 |
| Total: | **11220** |

Per person cost: 11220 / 6 = **1870** tk.

□ **Pay/Receive :**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Will pay (tk.) | Will receive (tk.) | Comment |
| Rhythm | - | 2946 | Received 1870+290+520 or 2680 tk. |
| Limon | - | 980 | Received 980 tk. |
| Sourov | 196 | - |  |
| Mazhar | 290 | - | Paid 290 tk. |
| Nayem | 1570 | - | Paid 1500 tk. |
| Arif vai | 1870 | - | Paid 1870 tk. |