**COSTING**

Costing for a single small dustbin:

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Name of the products** | **Quantity** | **Price(TK)** |
| **1.** | Arduino R3 Board (Original) | **1** | **3105** |
| **2.** | GPS Receiver | **1** | **4500** |
| **3.** | GSM Modem | **1** | **2500** |
| **4.** | GSM Antenna | **1** | **250** |
| **5.** | Solar Panel -20W,12/24V ,3A | **1** | **6000** |
| **6.** | Battery | **1** | **3500** |
| **7.** | Ultrasonic Sensor | **8** | **1200** |
| **8.** | Active any Operator GSM SIM Card | **1** | **200** |
| **9.** | Device Protector | **1** | **1000** |
| **10** | Web Server | **1** | **7000/year** |
| **11** | Client Server HP E ML30 | **1** | **1,00,000** |
| **12** | SSD for Client Server | **1TB** | **30,000** |
|  |  | **Total** | **= 1,59,255TK BDT** |

For a bigger bin cost will increase approximately 500 TK BDT more. Our system is small. For large scale implementation cost may decrease.