|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl .no | Part Name | Material with which the part is made up | Specifications of the part | Quantity required | Fabrication process if needed |
| 1 | Dc geared motor | - - | 60 rpm, 12 v | 2 | - - |
| 2 | Servo motor | - - | 5 gm-cm, 360’ | 2 | - - |
| 3 | Micro controller | Arduino mega | At2560 | 1 | - - |
| 4 | Motor controller | - - | Relay module | 2 | - - |
| 5 | sensor | - - | IR sensor | 3 | - - |
| 6 | Wires | - - | Male-male, male-female, | 20 | - - |
| 7 | Nut | -- | -- | 6 | - - |
| 8 | Bolts | - - | -- | 8 | - - |
| 9 | resistor |  | 1k | 2(if required) | - - |
| 10 | casing | Foam sheets | 3ft | --- | Cutting, drilling |
| 11 | Containers(all) | Aluminum sheets | 4ft | 2 | cutting |
| 12 | Flaps | Acrylic sheets | 5-6cm | 2 | Bench grind |
| 13 | Conveyor Belts | Nylon rods , aluminium hollow pipes, rubber layer, crepe bandage | 5-6cm | 1 | drilling |
| 14 | Fryums unit | Foam sheets | 3ft | - | - |
| 15 | Led lights | - | - | 3S | - |
| 16 | buzzer | - | - | 1 | -- |
| 17 | adhesives | -- | -- | 500gm | --- |