|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SL.NO | PART NAME | MATERIAL WITH WHICH THE PART IS MADE UP OF | DESCRIPTION  ABOUT PART | QUANTITY  REQUIRED | FABRICATION IF NEEDED |
| 1 | ARDUINO  MEGA | PURCHASED | MEGA 2560 | 01 | \_ |
| 2 | STEPPER MOTOR | PLASTIC | L-SIZE  5\*5 | 01 | \_ |
| 3 | A4988 DRIVER IC | PURCHASED | A4988 | 01 | \_ |
| 4 | NEMA 17  STEPPER  MOTOR | PURCHASED | HYBRID STEPPEING MOTOR | 01 | \_ |
| 5 | TIMING PULLEY | PURCHASED | 5 mm ID | 01 | \_ |
| 6 | PILLOW BEARING | ZINC ALLOY | 8mm | 02 | \_ |
| 7 | SS SMOOTH SHEET | STEEL | 8\*200mm  5\*200mm | 02  03 | \_ |
| 8 | TIMING PULLEY | NYLON AND ALUMINIUM | 8mm ID  25mm OD | 01 | \_ |
| 9 | TIMING BELT | RUBBER SHEET | 8 mm | 01 | \_ |
| 10 | PUSH BUTTON | ---- | FINGER SIZED DIMENSION | 02 | \_ |
| 11 | ROTATORY ENCODER KNOB | ---- | POSITION SENSOR ANGULAR ROATION TO OUTPUT SIGNAL | 01 | \_ |
| 12 | LCD SCREEN | ---- | 16\*2 I2C | 01 | \_ |
| 13 | TOP COVER | ACRYLIC SHEET | TOUGH,HIGH,STRENGTH | 01 | CUTTING AND BENDING |
| 14 | IR SENSOR | --- | 780NM-50microm | 01 | \_ |
| 15 | RUBBER LEGS | RUBBER | 2\*1.5\*2 | 04 | CUTTING |
| 16 | OLED DISPLAY | POLYMER | 8\*2 | 01 | \_ |
| 17 | NUT&BOLT | ---- | ---- | 20 | \_ |