

Cost Analysis

Total weight of project = 37.02 kg

1. Cost analysis for Processes.

	Process	Rate	Usage (in hrs.)	Cost
1	Drilling	Rs. 75/hour	4	Rs. 300
2	Milling	Rs. 250/hour	3	Rs. 750
3	Turning	Rs. 150/hour	7	Rs. 1050
4	CNC Machine	Rs. 500/hour	0	Rs. 0
5	3D printing machine	Rs. 100/hour	2.5	Rs. 250
Net Cost				Rs. 2350

2. Cost of Material.

Cost of mild steel = 100Rs/kg

Weight of mild steel used=37.02 kg.

Total cost = Rs. 3702

3. Labour Cost.

Labour rate= Rs. 650/day = 81.25/hour.

Hours of Labour work=7*3*13 =273

Total Labour cost =273*81.25 = Rs. 22181.25

4. Additional Cost.

a. Cost of belt, chain, sprocket etc.= Rs. 200

b. Cost of Sensor = Rs. 200

5. Cost of electric kit = Rs. 1000

Total Net Cost= Rs. 29633.25