

Cost Estimation

Total weight of the project- 24.5 kg

Weight of mild steel- 24.15kg

Weight of nut and bolts- 200gm

Weight of clips and folds- 150gm

Material Cost:

Mild Steel- $24.15 \times 90 = \text{Rs. } 2173.5$

Nuts and Bolts- $0.2 \times 130 = \text{Rs. } 26$

Clips and Folds- $0.15 \times 120 = \text{Rs. } 18$

Machining Cost:

3D Printing: N.A.

Lathe: Rs 3150 (Rs 350 x 9 hours)

Milling: Rs 900 (Rs 450 x 2 hours)

Drilling: Rs 2000 (Rs 100 x 20 hours)

Cutting: Rs 60 (Rs 60 x 1 hour)

Labour Cost:

Unskilled: Rs 1706.25 (Rs 650 per 8 hours)

Skilled: Rs 2231.25 (Rs 850 per 8 hours)

Total Cost- Rs 12,265