

**STANDARD ESTIMATE FOR CONSTRUCTION OF 1/3000 MT CAP. PRE ENGINEERED
WH BLDG WITH ANCILLARY WORKS**

| I.N.35 P , f & f steel ventilors V1 | Qty | Rate | Amount |
|---|------|---------|----------------|
| Consider 0.36 sq m area | 0.36 | | |
| 1 - Basic rate I.N. 39.30/319 | 0.36 | 3767.00 | 1356.12 |
| 2 - Add for M.S.flat 19mm x 3mm For 0.36 sq m = 2.40 M | | | |
| Weight 0.45 Kg/ Rm = 1.08 Kgs | | | |
| As per I N 23.01 / P.N 227 | 1.08 | 89.180 | 96.31 |
| 3 - Add G.I.wiremesh 18G x 6 sqmm M R | 0.36 | 400.00 | 144.00 |
| 4 - Painting three coats for G.I.wire mesh 1/2 x 2 x 1.00 x 1.00 = 1.00 sq m | | | |
| DSR 35.04/288 (50-35=15+50=65) | 0.36 | 82.00 | 29.52 |
| 5 - Add for 12 mm sq bars | | | |
| For 0.36 sq m = 7 x 0.60 + 4 x Weight 1.13 Kg/ Rm | 0.00 | 5.20 | 89.180 |
| As per I N 23.01 / P.N 227 | | | 0.00 |
| 6 - Add for fixing charges of wire mesh | 0.36 | 100.00 | 36.00 |
| 7 - Add for sundries, overheads & agencies profit * over [3 & 6] 10 % | | | 18.00 |
| Total Rs | | | 1679.95 |
| Rate per sq m will be RS. | | | 4666.54 |

P H.M.filling in plinth

IN 57

P H.M.filling in plinth

| | | | |
|---|------|--------|---------------|
| Consider 1.00 cu m quantity | | | |
| 1 - Basic rate 2.29a/29 | 1.20 | 321.00 | 385.20 |
| 2 - Lead Charges | 1.00 | 228.51 | 228.51 |
| 3 - Spreading charges 2.30/29 | 1.20 | 72.00 | 86.40 |
| Total Rs | | | 700.11 |
| Deduction for stacking charges | 1.20 | 10.00 | -12.00 |
| Net Rs | | | 688.11 |
| Therefore rate per cu m will be say Rs | | | 688.11 |

I.N.42 Laying charges for form work, running vibrator,
laying suction matt, dewatering etc.

Consider 1.0 sq m area

| | | | |
|---|------|-------|-------|
| 1 - Market rate as per .quotation for above | 1.00 | 60.00 | 60.00 |
| 2 - Transportation charges to & fro 100 Kms | 1.00 | 0.83 | 0.83 |

| | | | |
|---|------|------|--------------|
| 3- Generator Hire charges 5x2000=18000 | 1.00 | 4.16 | 4.16 |
| Total Rs. | | | 64.99 |
| 4. Diesel charges 5 days * 20 ltr/ day | 1.00 | 1.88 | 1.88 |
| 5 - Overheads & contractors pfofit 10 % | | | 6.69 |
| Grand Total Rs. | | | 73.55 |
| Therefore rate per sq m will be say Rs | | | 74.00 |

I.N.43 Labour charges for groove cutting

| | | | |
|--|------|-------|--------------|
| Consider 1.00 R m lengthh | | | |
| 1 - Market rate as per .quotation (Nagpur S.D.) | 1.00 | 35.00 | 35.00 |
| 2- Generator hire charges | 1.00 | 1.66 | 1.66 |
| 3. Diesel charges | 1.00 | 0.75 | 0.75 |
| 2 - Overheads & contractors pfofit 10 % | | | 3.74 |
| Grand Total Rs. | | | 41.16 |
| Therefore rate per R m will be say Rs | | | 42.00 |

I.N.44 P & F M.S.angle sill

| | | | |
|---|------------|--------|---------------|
| Consider 2.70 m length | 2.70 Rm | | |
| 1 - Angle 50x50 x6 mm = 2.7 x 4.5 = 12.15 kgs | 12.65 | 89.180 | 1128.13 |
| Add for hold fasts = 0.50 Kgs | | | |
| Total weight = 12.65 Kgs | | | |
| I N 23.01/227 | | | |
| Grand Total Rs. | | | 1128.13 |
| Therefore rate per RM will be | | | 417.82 |
| Therefore rate per RM will be | Say | | 417.82 |

I N 46 P & F M.S.ladder

| | | | |
|--|------------|---------|----------------|
| Consider 4.00 m lengthh | 4.00 Rm | | |
| 1 - M.S.angle 50 x 50 x6 mm | | | |
| [2 x 4.00 + 2 x 0.60 + 2 x 0.73 + 2 x 0.85 = 12.36Rm | | | |
| Weight 12.36 x 4.5 = 55.62 Kgs | | | |
| 2 - M.S. bar 20 mm dia @ 30 cm c/c | | | |
| 15 x 0.45 x 2.50 = 16.88 Kgs | | | |
| 3 - Hold fasts 12mm dia | | | |
| 2 x 3 x 0.20 x 0.90 = 1.08 Kgs | | | |
| Total quantity = 73.58 kgs | | | |
| I N 23.01/227 | 73.58 | 89.18 | 6561.86 |
| 4 - C.C. 1:2:4 for bed blocks | | | |
| 6 x 0.20 x 0.20 x 0.35 = 0.08 cum | | | |
| Rate as per I N 24.08 P.no 231 | 0.08 | 5926.00 | 474.08 |
| Grand Total Rs | | | 7035.94 |
| Therefore rate per R M will be 5875.73/4.00 Rs | | | 1758.99 |
| | Say | | 1758.99 |

I.N.36 P & f Steel rolling shutter 20 gauge

| | Qty | Rate | Amount |
|---|------|---------|---------|
| 1- Basic rate as per D.S.R. I N 39.25/318 | 1.00 | 4473.00 | 4473.00 |
| 2 - Add for central lock M R | 1.00 | 186.74 | 186.74 |

3 - Add for painting not considered in basic rate

$$1 \times 2 \times 1.14 \times 2.20 \times 2.55 = 12.79$$

$$1 \times 1 \times 2.40 \times 1.25 = 3.13$$

Total = 15.92 sq m

15.92

82.00

243.78

I.N. 35.04/288

(50-35=15+50=65)

4. M R Diff for weight of R S

14.01

0.00

0.00

5. Handles

4.00

50.00

200.00

Total

5103.52

Say

5103.52

I.No
68

Lightening conductor

I.NO 44.18/282

22186

1.00

22186.00

I.NO 44.19/282

652.00

12.00

7824.00

30010.00

Rate/RMT

2500.83

Say

2501.00

Jr.Engineer

MSWC,Aurangabad

Dy.Manager (Engg.)

MSWC,Aurangabad