

IV

Name of work :- Providing A.C. Board Ceiling filled with timber frame in the 1st floor of Commerce deptt. at Karingony College, Karingony

Item Analysis. Providing A.C. Board Ceiling of size (1.2 x 1.2 m) filled with 1st. class local wood timber frame (size 0.065 x 0.05) m timber + finished with the joints with plastic heat etc comp.

Area 1st floor :- $1 \times 8.57 \times 7.12 = 61.01 \text{ m}^2$

$1 \times 6.37 \times 7.12 = 45.35 \text{ m}^2$

$1 \times 3.00 \times 7.12 = 21.36 \text{ m}^2$

$1 \times 1.20 \times 1.20 = 1.44$

$1 \times 6.45 \times 7.12 = 45.92$

$1 \times 8.55 \times 7.12 = 60.89$

Ver. :- $2 \times 35.60 \times 2.00 = 142.40$

Porch :- $1 \times 3.20 \times 3.00 = 9.60$

$\underline{387.95 \text{ m}^2}$

@ R. 648.00/m²
(Rate as per analysis)

R. 2,51,391.00

T.R. 2,51,391.00

Say Rs. 2,51,000.00

Rspees Two lac fifty One thousand Only.

Place in the meeting
next GB

Mansur

Yaman

ANALYSIS

Analysis for the work of providing A.C. Board Ceiling of Size 1.20M X 1.20M Size A.C. Board filled with 1st. class local wood timber frame of joints should be covered with Plastic beat etc. Comp. as directed.

$$\text{Consider area} = 3.00 \times 7.12 = 21.36 \text{ m}^2$$

Item no. 1/3.1. (S.O.R) Providing 1st. class local wood frames of Ceiling and Partition.
b) with Gomari / Benzam / Sindi

$$4 \times 7.12 = 28.48 \text{ m}$$

$$6 \times 3.00 = 18.00 \text{ m}$$

$$\frac{28.48 \times 0.065 \times 0.05}{3} = 0.151 \text{ m}^3$$

$$\text{@ R. } 58,905.75/\text{m}^3 \quad \text{---} \quad \text{R. } 8894.00$$

Item no. 2/

A.C. Board.

$$1 \times 9 = 9 \text{ m}^2$$

$$\text{@ R. } 1 \times 15 = 15 \text{ m}^2$$

$$\text{@ R. } 168.00/\text{each}$$

$$\text{---} \quad \text{R. } 2520.00$$

Item no. 3/

Plastic Beat = 46.48 m

$$\text{@ R. } 8.50/\text{m}$$

$$\text{---} \quad \text{R. } 395.00$$

Item no. 4.

Nails 500 gms.

$$\text{@ R. } 90.00/\text{kg}$$

$$\text{---} \quad \text{R. } 45.00$$

Labours

(a) Carpenter = 2 m² for 2 days.

$$\text{@ R. } 400.00/\text{each/day}$$

$$\text{---} \quad \text{R. } 800.00$$

(b) Jugal = 2 m² for 2 days.

$$\text{@ R. } 300.00/\text{each/day}$$

$$\text{---} \quad \text{R. } 1200.00$$

$$\text{---} \quad \text{R. } 13,854.00$$

$$\text{Hence rate Per m}^2 = \frac{13,854.00}{21.36} = \text{R. } 648.00/\text{m}^2$$

R. Six hundred + forty eight only.

K. Anand