

NAME OF WORK : REPAIR / RENOVATION OF BOYS' COMMON
ROOM AND GIRLS' COMMON ROOM AT
RABINDRANATH TAGORE UNIVERSITY, HOJAI
DURING 2022-23.

ESTIMATED AMOUNT: 1,21,574.00 (Rupees One Lakh Twenty-one
thousand Five hundred and seventy four) only.

Name of works:- Repair and Renovation of Boys' Common Room and Girls' Common Room at Rabindranath Tagore University at Hojai.

Name of University:- Rabindranath Tagore University, Hojai.

Estimated Amount :- 1,21,574.00 (Rupees One Lakh Twenty one thousand Five hundred and Seventy four) only.

Estimate framed to show the probable cost of the abovementioned work

REPORT

This detailed repair estimate amounting to Rs. 1,21,574.00 (Rupees One Lakhs Twenty one thousand Five hundred and Seventy four) only has been prepared to show the probable cost of the work “ ***REPAIRE AND RENOVATION OF BOYS' COMMON ROOM AND GIRLS' COMMON ROOM***” AT RABINDRANATH TAGORE UNIVERSITY, HOJAI.

The painting washing of the building became fake as no repair works taken up since a long period of time. Few other components like door and front veranda floor of Boys' common room also deteriorated. Hence to keep the building fit for use, repair / renovation work are essential. So this estimate is prepared as desired by the authority with the following provision.

1. Repair / Renovation works as per field requirement
2. 1% consultancy charge for preparing estimate / supervision.

The estimate is prepared on the basis of C.P.W.D., Delhi schedule of rates for 2021.

All works will be carried out as per C.P.W.D. General Specification.

Name of works:- Repair and Renovation of Boys' Common Room and Girls' Common Room at Rabindranath Tagore University at Hojai.

ABSTRACT OF COST

1. Renovation and repair of Boys' Common Room (As per Annexure- A)	Rs. 76,370.00
2. Repair of Girls' Common Room (As per Annexure-B)	<u>Rs. 44,000.00</u>
	Total Rs. 1,20,370.00
Add 1% for consultancy (preparation of Estimate and supervision etc.)	<u>Rs. 1,204.00</u>
	Grand Total Rs. 1,21,574.00

(Rupees One Lakh Twenty one thousand Five hundred and Seventy four) only.

ANNEXURE-A

Name of works:- Repair and Renovation of Boys' Common Room and Girls' Common Room at Rabindranath Tagore University at Hojai.

1/15.2: Demolishing C.C. manually/ by mech.means
including disposal of materials... Engineer in charge

15.2.1: Prop.: 1:3:6.

F/v- $1 \times 2.45 \times 8.55 \times 0.04 = 0.83 \text{m}^3$ @ Rs. 2,007.10/m³

@ Rs. 2,007.10/m Rs. 1,666.00

2/11.3: Cement concrete flooring 1:2:4 and finished
With a floating coat of neat cement including
Cement slurry..... etc complete.

11.3.1: 40mm thick with 20mm nominal agg.

F/v- $1 \times 2.45 \times 8.55 = 21.80 \text{m}^2$

@ Rs. 545.00/m² Rs. 11,881.00

3/9.5: Providing and making paneled or paneled
and glazed shutters for doors, windows etc.
shall be paid separately.

9.5.2 Kiln seasoned chemically treated Hollock wood

9.5.2.1: 35mm thick shutter

D- $1 \times 2.00 \times 1.00 = 2.00 \text{m}^2$

@ Rs. 2,511.96/m² Rs. 5,004.00

4/13.109: Wall painting with water proofing cement
paint of required shade:-

13.109.1: Old work one or more coat applied

@ 0.80lit/10sq.m complete including cost of primary coat

C.O Rs. 18,551.00

B.F.- Rs. 18,551.00

OUTSIDE

L/w	- 2x8.80x4.10	= 72.16m ²
S/w	- 2x8.25x4.10	= 67.65m ²
△ Bar	- 2 x 1/2 x 8.25x1.80	=14.85m ²
V/post	-5x4x0.18x2.44	= 8.78m ²
Plintwall	-2x8.80x0.45	= 7.92m ²
	2x8.25x0.45	= 7.42m ²
Ded. D	-1x2.10x1.10	=2.31m ² (-)
D ₁	-1x2.10x1.6	=3.52m ² (-)
W ₁	-4x1.05x1.45	=6.09m ² (-)
W	- 2x1.20x1.45	=3.48m ² (-)
Wv	- 4x1.05x0.40	<u>=1.68m² (-)</u>
Total		= 161.70m²

INSIDE

L/w	- 2x8.55x4.10	= 70.11m ²
S/w	- 2x8.00x4.10	= 65.60m ²
Ceily	-1x8.55x8.00	= 68.40m ²
Ded. D	- 1x2.10x1.10	= 2.31m ² (-)
D ₁	-1x2.10x1.68	= 3.52m ² (-)
W ₁	-4x1.05x1.45	= 6.09m ² (-)
W	-2x1.20x1.45	= 3.48m ² (-)
Wv	-4x1.05x0.40	<u>= 1.68m² (-)</u>
Total		= 187.03m²

Grand Total = 348.73m²@ Rs. 94.15/m²

Rs. 32,833.00

5/13.48.2: Painting wood works with Dulux Multi Surface paint reqd. shade.... Approved brand and manufacture.

D _{F.P}	- 1x2.10x1.10x2.50	= 5.77m ²
D _{IF.P}	- 1x2.10x1.68x2.50	= 8.82m ²
W _{IF.P}	-4x1.05x1.45x2.50	=15.22m ²
W _{F.P}	-2x1.20x1.45x2.50	= 8.70m ²
V _{F.G}	-4x1.05x0.40x1.50	<u>= 2.52m²</u>
Total		= 41.03m²

@ Rs. 144.90/m²

Rs. 5,945.00

C.O. Rs. 57,329.00

B.F. Rs. 57,329.00**6/13.53:** Painting on G.S. sheet with synthetic enamel

Pain to give an even shade.

13.53.1 : Two or more coats

G.I. sheet – 2x5.30x9.20 = 97.52m²Var – 1x3.00x9.75 = 29.25m²Total = 126.77m²@ Rs. 150.20/m²Rs. 19,041.00**Grand Total Rs. 76,370.00**

(Rupees Seventy Six thousand Three hundred and Seventy) only.

ANNEXURE- B

Name of works:- Repair and Renovation of Boys' Common Room and Girls' Common Room at Rabindranath Tagore University at Hojai.

1/13.109: wall painting wit water proofing cement paint

Of required shade

13.109.1: Old work (one or more coat applied @0.80lit/10sq.m complete including cost of priming coat.

INSIDE

L/W - 2x9.05x4.50 =81.45m²

S/W - 2x2x6.05x4.50 = 108.90m²

Ded. D- 4x1.18x2.10 = 6.72m² (-)

D1 - 2x1.00x2.10 = 4.20m²(-)

Dv - 4x1.18x0.40 = 1.88m² (-)

W - 1x1.00x1.35 = 1.35m² (-)

Wv - 1x1.00x0.40 = 0.40m² (-)

Ceiling- 2x6.05x9.05 = 109.50m²

Total= 285.30m²

@ Rs. 94.15/m²

Rs. 26,861.00

2/13.48.2 : Painting wood work with dulux

Multi surface paint of reqd. shade.... Approved

Brand and manufacture.

Plg-parti - 1x2x9.05x4.50 = 81.45m²

D_{BB} - 4x1.18x2.10x2.50 = 24.78m²

D_{1BB}- 1x1.00x2.10x2.50 = 5.25m²

W_{BB} - 1x1.00x1.35x2.50 = 3.37m²

DV_{F.G}- 4x1.18x0.40x1.50 = 2.83m²

WV_{F.G}- 1x1.00x0.40x1.50 = 0.60m²

Total = 118.28m²

@ Rs. 144.90/m²

Rs. 17,139.00

Grand Total=Rs. 44,000.00

(Rupees Forty four thousand) only.



Registrar i/c
Rabindranath Tagore University, Hojai