

PROPOSED ESTIMATE FOR REPAIR RENOVATION OF LIBRARY ROOM UNDER CITY COLLEGE

RATES ARE COLLECTED FROM WBPWD SCHEDULE OF RATE 2017

Sl. No.	Description of Items	Sum Qty	Unit	Rate	Amount
SECTION 1 BUILDING WORKS					
1	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed	425.00	sqm	19.00	8,075.00
2	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department]	425.00	sqm	88.00	37,400.00
3	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Second floor).[Excluding cost of chipping over concrete surface.				-
	With 1:4 cement mortar b) 10mm thick plaster CEILING				
	SECOND FLOOR	144.00	SqM	129.00	18,576.00
	With 1:4 cement mortar b) 15mm thick plaster INSIDE				
	SECOND FLOOR	425.00	SqM	161.00	68,425.00
	(J) WHITE WASH, COLOUR WASH, DISTEMPER				-
4	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint	569.00	Sqm	21.00	11,949.00
5	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	5.00	cum	166.00	830.00
6	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-incharge.(This item should be executed only after prior approval of the Engineer-incharge). Firstly, one number to be paid and then labour rate for shifting up to further nineteenth (19) times @ 10% each time to be considered. If necessary further after twenty times of total use, another one number new and labour rate for shifting to be considered accordingly.a) 3.90 metre height	15.00	Each	279.00	4,185.00
7	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.ii) 4mm thick coloured / tinted / smoke glass.	10.00	sqm	468.00	4,680.00

8	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc.) For structural members of specified sections weighing less than 22.5 Kg./m	1.50	MT	72603.00	1,08,904.50
9	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips 2(20 mm nominal size) excluding shuttering and reinforcement if any, in second floor as per relevant IS codes. (i) Pakur Variety	1.00	Cum	6800.00	6,800.00
10	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.				-
	i) Water based interior grade Acrylic Primer,(b) One Coats				-
	SECOND FLOOR	720.00	SqM	30.80	22,176.00
11	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)				
	ii) Standard Quality (Two coats)				
	SECOND FLOOR	720.00	SqM	62.00	44,640.00
PAINTING ON STEEL					
12	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.				
	SECOND FLOOR	250.00	SqM	29.00	7,250.00
13	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary .				
	On Steel and other Metal Surface .Two coat with any shade except white.With super gloss (hi-gloss) -				
	SECOND FLOOR	250.00	SqM	79.00	19,750.00
TIMBER PAINTING					
14	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.				
	SECOND FLOOR	100.00	SqM	38.00	3,800.00
15	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :(a) On timber or plastered surface.				
	With super gloss (hi-gloss) -(iv) Two coats (with any shade except white)				
	SECOND FLOOR	120.00	SqM	75.00	9,000.00
16	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches	175.00	SqM	24.00	4,200.00

17	Welding in M.S. structural work with gas or electric:(b) Continuous weld.	1,500.00	cm run	9.00	13,500.00
TOTAL					3,94,140.50
Add 18% for GST					70,945.29
SUB TOTAL					4,65,085.79
Add 1% for cess					4,650.86
GRAND TOTAL					4,69,736.65

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