
SUB HEAD : 9.0
WOOD WORK & PVC WORK

BCD Analysis of Rates 2022

SUB HEAD : 9.0 WOOD & PVC WORK

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
9.1.1	Second class teak wood				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	MATERIAL:				
	Superior class teakwood such as Dandeli Balارشah or Malabar				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.5x9.5x7.0cm = 0.008cum.= 0.036cum.				
	Add for wastage @ 5%=0.002 cum.				
	Grand Total = 0.038cum = 38 cudm				
1189	Second class teak wood in scantling	10 cudm	38.00	776.00	2948.80
2204	Carriage of timber	cum	0.038	187.35	7.12
	LABOUR:				
156	Carpenter (average)	day	0.72	369.00	265.68
114	Beldar	day	0.07	306.00	21.42
	TOTAL				3243.02
	Add Water Charges @ 1%				32.43
	TOTAL				3275.45 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				460.20
	Total				3735.65 (Y)
	Add CPOH @ 15%				560.35
	Cost of 0.036 cum				4296.00
	Cost of 1 cum				119333.27
	labour cess @1%				1193.33
	Rate including labour cess				120526.60
					Say Rs. 120526.60 per cum
9.1.2	Sal wood				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	MATERIAL:				
	Salwood				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.50x9.5 x 7.0cm = 0.008cum. = 0.036cum.				
	Add for wastage @ 5% = 0.002cum.				
	Grand Total = 0.038cum = 38 cudm				
1199	Sal wood in scantling	10 cudm	38.00	600.00	2280.00
2204	Carriage of timber	cum	0.04	187.35	7.12
	LABOUR:				
0156	Carpenter (average)	day	0.72	369.00	265.68
0114	Beldar	day	0.07	306.00	21.42
	TOTAL				2574.22
	Add Water Charges @ 1%				25.74
	TOTAL				2599.96 (X)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				444.79
	Cost of 0.036 cum				3410.04
	Cost of 1 cum				94723.46
	labour cess @1%				947.23
	Rate including labour cess				95670.69
				Say Rs. 95670.70	per cum

9.1.3 Kiln seasoned and chemically treated Hollock wood

Details of cost for chowkhat of a door

206.75x117.5cm

MATERIAL:

Hollock wood

2x206.75x9.5x7.0cm = 0.028cum+

1x117.50 x9.5x7.0cm = 0.008cum.

= 0.036cum.+

Add for wastage @ 5% = 0.002cum.

Grand Total = 0.038cum = 38 cudm

2466	Hollock wood in scantling	10 cudm	38.00	357.00	1356.60
2204	Carriage of timber	cum	0.04	187.35	7.12
2504	Kiln seasoning of timber	cum	0.04	772.00	29.34
9999	Chemical treatment	L.S.	8.97	2.12	19.02
	LABOUR:				
0156	Carpenter (average)	day	0.72	369.00	265.68
0114	Beldar	day	0.07	306.00	21.42

TOTAL

1699.17

Add Water Charges @ 1%

16.99

TOTAL

1716.16 (X)

Add GST 12% on "X" (multiplying factor 0.1405)

241.12

Total

1957.28 (Y)

Add CPOH @ 15%

293.59

Cost of 0.036 cum

2250.88

Cost of 1 cum

62524.36

labour cess @1%

625.24

Rate including labour cess

63149.61

Say Rs. 63149.60 per cum

9.1.4 Local wood

Details of cost for chowkhat of a door

206.75x117.5cm

MATERIAL:

Local wood

2x206.75x9.5x7.0cm = 0.028cum+

1x117.50x9.5 x 7.0cm = 0.008cum.

= 0.036cum.

Add for wastage @ 5% = 0.002cum.

Grand Total = 0.038cum = 38 cudm

1195	Local wood in scantling	10 cudm	38.00	309.39	1175.69
2204	Carriage of timber	cum	0.04	187.35	7.12
	LABOUR:				
0156	Carpenter (average)	day	0.72	369.00	265.68
0114	Beldar	day	0.07	306.00	21.42

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				1469.91
	Add Water Charges @ 1%				14.70
	TOTAL				1484.60 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				208.59
	Total				1693.19 (Y)
	Add CPOH @ 15%				253.98
	Cost of 0.036 cum				1947.17
	Cost of 1 cum				54088.06
	labour cess @1%				540.88
	Rate including labour cess				54628.94
				Say Rs. 54628.90	per cum

9.2 Providing laminated veneer lumber conforming to IS:14616 and TAD -15: 2001(Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).

Details of cost for chowkhat of a door
206.75x117.5cm

MATERIAL:

Laminated veneer lumber including wastage @ 5%

2x206.75x9.5x7.0cm =0.028cum

1x117.50x9.5x 7.0cm = 0.008cum.

= 0.036cum.

Add for wastage @ 5% = 0.002cum.

Grand Total = 0.038cum = 38 cudm

7157 Laminated veneer lumber conforming to TADS 15:1995 manufactured in factory in frames of doors, windows

2204 Carriage of timber

	10 cudm	38.00	700.00	2660.00
	cum	0.04	187.35	7.12

LABOUR:

0111 Carpenter 1 st class

	day	0.20	413.00	82.60
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0112 Carpenter 2nd class

	day	0.20	369.00	73.80
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0114 Beldar

	day	0.20	306.00	61.20
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TOTAL

2884.72

Add Water Charges @ 1%

28.85

TOTAL

2913.57 (X)

Add GST 12% on "X"(multiplying factor 0.1405)

409.36

Total

3322.92 (Y)

Add CPOH @ 15%

498.44

Cost of 0.036 cum

3821.36

Cost of 1 cum

106148.92

labour cess @1%

1061.49

Rate including labour cess

107210.41

Say Rs. 107210.40 per cum

9.3 Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position :

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.3.1	Sal wood Details of cost for ceiling for a room 3x3m MATERIAL: Salwood= $6 \times 3.30 \times (50/1000) \times (125/1000) = 0.1238$ cum. +Cross battens 60mm centre to center 38x50mm. $6 \times 3 \times (38/1000) \times (50/1000) = 0.0342$ cum.= 0.1580 cum.+ Add for wastage @ 5% = 0.0079 cum.= 0.1659 cum. say 166 cudm				
1199	Sal wood in scantling	10 cudm	166.00	600.00	9960.00
2204	Carriage of timber	cum	0.17	187.35	31.10
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	369.00	369.00
0114	Beldar	day	1.00	306.00	306.00
9999	Sundries and screws etc.	L.S.	53.82	2.12	114.10
	TOTAL				10780.20
	Add Water Charges @ 1%				107.80
	TOTAL				10888.00 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				1529.76
	Total				12417.76 (Y)
	Add CPOH @ 15%				1862.66
	Cost of 0.158 cum				14280.43
	Cost of 1 cum				90382.46
	labour cess @1%				903.82
	Rate including labour cess				91286.29
					Say Rs. 91286.30 per cum

9.3.2 Kiln seasoned and chemically treated hollock wood

	Details of cost for ceiling for a room 3x3m MATERIAL: Hollock wood = $6 \times 3.30 \times (50/1000) \times (125/1000) = 0.1238$ cum. +Cross battens 60mm centre to center 38x50mm. $6 \times 3 \times (38/1000) \times (50/1000) = 0.0342$ cum. = 0.1580 cum.+ Add for wastage @ 5% = 0.0079 cum. = 0.1659 cum. say 166 cudm				
2466	Hollock wood in scantling	10 cudm	166.00	357.00	5926.20
2204	Carriage of timber	cum	0.17	187.35	31.10
2504	Kiln seasoning of timber	cum	0.17	772.00	128.15
9999	Chemical treatment	L.S.	18.20	2.12	38.58
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	369.00	369.00
0114	Beldar	day	1.00	306.00	306.00
9999	Sundries screws etc.	L.S.	53.82	2.12	114.10
	TOTAL				6913.13
	Add Water Charges @ 1%				69.13
	TOTAL				6982.27 (X)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X"(multiplying factor 0.1405)				981.01
	Total				7963.27 (Y)
	Add CPOH @ 15%				1194.49
	Cost of 0.158 cum				9157.77
	Cost of 1 cum				57960.54
	labour cess @1%				579.61
	Rate including labour cess				58540.15
				Say Rs. 58540.10 per cum	
9.4	Extra for additional labour for circular works, such as in frames of fan light.				
9.4.1	Second class teak wood				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	Extra Materials and labour for wastage @ 10% on quantity of item no 9.1.1				
	MATERIAL:				
1189	Second class teak wood in scantling	10 cum	3.80	776.00	294.88
2204	Carriage of timber	cum	0.004	187.35	0.75
	LABOUR:				
0156	Carpenter (average)	day	0.07	369.00	26.57
0114	Beldar	day	0.01	306.00	2.14
	TOTAL				324.34
	Add Water Charges @ 1%				3.24
	TOTAL				327.58 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				46.03
	Total				373.61 (Y)
	Add CPOH @ 15%				56.04
	Cost of 0.036 cum				429.65
	Cost of 1 cum				11934.71
	labour cess @1%				119.35
	Rate including labour cess				12054.05
				Say Rs. 12054.10 per cum	
9.4.2	Sal wood				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	Extra Materials and labour for wastage @10% on quantity of item no 9.1.2				
	MATERIAL:				
1199	Sal wood in scantling	10 cum	3.80	600.00	228.00
2204	Carriage of timber	cum	0.004	187.35	0.71
	LABOUR:				
0156	Carpenter (average)	day	0.07	369.00	26.57
0114	Beldar	day	0.01	306.00	2.14
	TOTAL				257.42
	Add Water Charges @ 1%				2.57
	TOTAL				260.00 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				36.53
	Total				296.53 (Y)
	Add CPOH @ 15%				44.48


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 0.036 cum				341.00
	Cost of 1 cum				9472.35
	labour cess @1%				94.72
	Rate including labour cess				9567.07
			Say Rs. 9567.10	per cum	

9.4.3 Kiln seasoned and chemically treated hollock wood

Details of cost for chowkhat of a door

206.75x117.5cm

Extra Materials and labour for wastage

@10% on quantity of item no 9.1.3

MATERIAL:

2466	Hollock wood in scantling	10 cum	3.80	357.00	135.66
2204	Carriage of timber	cum	0.004	187.35	0.71
2504	Kiln seasoning of timber	cum	0.004	772.00	2.93
9999	Chemical treatment	L.S.	0.90	2.12	1.91

LABOUR:

0156	Carpenter (average)	day	0.07	369.00	26.57
0114	Beldar	day	0.007	306.00	2.14

TOTAL 169.92

Add Water Charges @ 1% 1.70

TOTAL 171.62 (X)

Add GST 12% on "X" (multiplying factor 0.1405) 24.11

Total 195.74 (Y)

Add CPOH @ 15% 29.36

Cost of 0.036 cum 225.10

Cost of 1 cum 6252.67

labour cess @1% 62.53

Rate including labour cess **6315.20**

Say Rs. 6315.20 per cum

9.5 Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.

9.5.1 Second class teak wood

9.5.1.1 35 mm thick shutters

Details of cost for shutters of a Door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16sqm)

MATERIAL:

Teak wood

Styles 4x200x10.0x3.5cm = 0.028 cum +

Rails

Top rails 1x110.5x3.5cm = 0.004cum.+

Bottom rails 1x110.5x20x3.5cm = 0.008cum+

Lock rails 1x110.5x15 x 3.5cm = 0.006cum+

Beading 2x186. 1x1. 9x1.2cm =0.001cum.

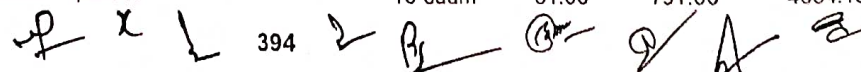
Total = 0.047 cum+

Add for wastage @ 10% = 0.005cum

Grand Total = 0.051 cum = 51 cum

1190	Second class teak wood in planks	10 cum	51.00	791.00	4034.10
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
2204	Carriage of timber	cum	0.05	187.35	9.55
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	1.83	369.00	675.27
0114	Beldar	day	0.76	306.00	232.56
9999	Sundries	L.S.	35.88	2.12	76.07
TOTAL					5116.95
Add Water Charges @ 1%					51.17
TOTAL					5168.12 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					726.12
Total					5894.24 (Y)
Add CPOH @ 15%					884.14
Cost of 2.16 sqm					6778.38
Cost of 1 sqm					3138.14
labour cess @1%					31.38
Rate including labour cess					3169.52
			Say Rs.	3169.50	per sqm

9.5.1.2 30 mm thick shutters

Details of cost for shutters of a Door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm

MATERIAL:

Teak wood

Styles : 4x200x10.0x3.0cm = 0.024 cum +

Top rails : 1x110.5x9.5x3.0cm=0.003cum+

Bottom rails: 1x110.5x19.7x3.0cm =0.007cum+

Lockrails: 1x110.5 x15.0x3.0cm =0.005 cum+

Beading : 2x186.1x1.9x1.2cm = 0.001 cum.

Total = 0.040 cum. +

Add for wastage @ 10% = 0.004 cum.

Grand Total = 0.044 cum = 44 cudm

1190	Second class teak wood in planks	10 cudm	44.00	791.00	3480.40
2204	Carriage of timber	cum	0.04	187.35	8.24
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	1.83	369.00	675.27


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0114	Beldar	day	0.76	306.00	232.56
9999	Sundries	L.S.	35.88	2.12	76.07
	TOTAL				4561.94
	Add Water Charges @ 1%				45.62
	TOTAL				4607.56 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				647.36
	Total				5254.92 (Y)
	Add CPOH @ 15%				788.24
	Cost of 2.16 sqm				6043.16
	Cost of 1 sqm				2797.76
	labour cess @1%				27.98
	Rate including labour cess				2825.74
	Say Rs.		2825.70	per sqm	

9.5.2 Kiln seasoned and chemically treated hollock wood

9.5.2.1 35 mm thick shutters

Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm

MATERIAL:

Hollock wood

Styles 4x200x10.0x3.5cm = 0.028cum +

Rails

Top rails 1x110.5x10.0x3.5cm=0.004cum.+

Bottom rails 1x110.5x20.0x3.5cm = 0.008cum +

Lock rails 1 x 110.5x15.00x3.5cm = 0.006cum+

Beading 2x186.1x1.9 x 1.2cm = 0.001cum.

Total = 0.047 cum+

Add for wastage

@ 10% = 0.005cum

Grand Total = 0.051 cum = 51 cudm

2505	Hollock wood in planks	10 cudm	51.00	402.00	2050.20
2204	Carriage of timber	cum	0.05	187.35	9.55
2504	Kiln seasoning of timber	cum	0.05	772.00	39.37
9999	Chemical treatment	L.S.	9.10	2.12	19.29
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0114	Beldar	day	0.76	306.00	232.56
9999	Sundries	L.S.	35.88	2.12	76.07

TOTAL

3191.71

Add Water Charges @ 1%

31.92

TOTAL

3223.63 (X)

Add GST 12% on "X"(multiplying factor 0.1405)

452.92

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				3676.55 (Y)
	Add CPOH @ 15%				551.48
	Cost of 2.16 sqm				4228.03
	Cost of 1 sqm				1957.42
	labour cess @1%				19.57
	Rate including labour cess				1977.00
		Say Rs.	1977.00	per sqm	

9.5.2.2 30 mm thick shutters

Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16sqm

MATERIAL:

Hollock wood

Styles 4x200x10.0x3.0cm = 0.024 cum +

Rails

Top rails 1x110.5x9.50x3.0cm = 0.003cum.+

Lock rails 1x110.5x15.0x3.0cm = 0.005cum+

Bottom rails 1 x 110.5x19.7x3.0cm = 0.007cum+

Beading 2x186.1 x 1.9x1.2cm = 0.001cum

Total = 0.040 cum.+

Add for wastage @ 10% = 0.004cum

Grand Total = 0.044 cum or = 44 cudm

2505	Hollock wood in planks	10 cudm	44.00	402.00	1768.80
2204	Carriage of timber	cum	0.04	187.35	8.24
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
9999	Chemical treatment	L.S.	9.10	2.12	19.29
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0114	Beldar	day	0.76	306.00	232.56
9999	Sundries	L.S.	35.88	2.12	76.07

TOTAL

2903.60

Add Water Charges @ 1%

29.04

TOTAL

2932.63 (X)

Add GST 12% on "X"(multiplying factor 0.1405)

412.04

Total

3344.67 (Y)

Add CPOH @ 15%

501.70

Cost of 2.16 sqm

3846.37

Cost of 1 sqm

1780.73

labour cess @1%

17.81

Rate including labour cess

1798.53

Say Rs. 1798.50 per sqm



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.5.3	Kiln seasoned selected planks of sheesham wood				
9.5.3.1	35 mm thick shutters				
	Details of cost for Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm				
	Sheesham wood				
	Styles 4x200x10.0x3.5cm = 0.028cum +				
	Rails				
	Top rails 1x110.5x10.0x3.5cm = 0.004cum.				
	Lock rails 1x110.5x15.0x3.5cm = 0.006cum+				
	Beading 2x86.1 x 1.9x1.2cm = 0.001 cum				
	Total = 0.047 cum.+				
	Add for wastage @ 10% = 0.005cum				
	Grand Total = 0.051 cum or = 51 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.00	650.00	3315.00
2204	Carriage of timber	cum	0.05	187.35	9.55
2504	Kiln seasoning of timber	cum	0.05	772.00	39.37
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0114	Beldar	day	0.76	306.00	232.56
9999	Carriage	L.S.	35.88	2.12	76.07
	TOTAL				
	Add Water Charges @ 1%				
	TOTAL				
	Add GST 12% on "X"(multiplying factor 0.1405)				
	Total				
	Add CPOH @ 15%				
	Cost of 2.16 sqm				
	Cost of 1 sqm				
	labour cess @1%				
	Rate including labour cess				
			Say Rs.	2748.50	per sqm

9.5.3.2 30 mm thick shutters

Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16sqm
 Sheesham wood
 Styles 4x200x10.0x3.5cm = 0.028cum+
 Rails
 Top rails 1x110.5x10.0x3.5cm = 0.004cum.+
 Lock rails 1x110.5x15.0x3.5cm = 0.006cum+
 Beading 2x186.1x1.9x1.2cm = 0.001 cum.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total = 0.047 cum.+ Add for wastage @ 10% = 0.005cum Grand Total=0.051 cum or = 51 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	650.00	2860.00
2204	Carriage of timber	cum	0.04	187.35	8.24
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
0596	Bright finished or black enameled mild steel butt hinges 75x47x1.70 mm	10 Nos	6.00	56.00	33.60
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0114	Beldar	day	0.76	306.00	232.56
9999	Carriage	L.S.	35.88	2.12	76.07
	TOTAL				3948.51
	Add Water Charges @ 1%				39.49
	TOTAL				3987.99 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				560.31
	Total				4548.30 (Y)
	Add CPOH @ 15%				682.25
	Cost of 2.16 sqm				5230.55
	Cost of 1 sqm				2421.55
	labour cess @1%				24.22
	Rate including labour cess				2445.77
				Say Rs. 2445.80	per sqm
9.6	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws, all complete as per directions of Engineer-in-Charge and panelling with panels of:				
9.6.1	12 mm thick plain grade - 1, medium density flat pressed three layer particle board FPT - I or graded wood particle board FPT-I, IS :3087 marked, bonded with BWP type synthetic resin adhesive as per IS : 848 :				
	Details of cost for one shutter 220 x 108 cm =				
	2.38sqm				
	<u>MATERIAL:</u>				
7137	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick plain type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848				
		sqm	2.38	1620.00	3855.60
9999	Carriage of shutters	L.S.	29.64	2.12	62.84
	<u>FITTINGS:</u>				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
TOTAL					4459.38
Add Water Charges @ 1%					44.59
TOTAL					4503.98 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					632.81
Total					5136.78 (Y)
Add CPOH @ 15%					770.52
Cost of 2.38 sqm					5907.30
Cost of 1 sqm					2482.06
labour cess @1%					24.82
Rate including labour cess					2506.88
			Say Rs.	2506.90	per sqm

9.6.2 12 mm thick pre-laminated particle board (decorative lamination on both sides) grade - 1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT - I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and prelaminated conforming to IS : 12823, Grade 1, Type - II marked :

Details of cost for one shutter 220x108cm = 2.38sqm

MATERIAL:

7139	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick both sides prelaminated type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	2.38	1720.00	4093.60
9999	Carriage of shutters	L.S.	29.64	2.12	62.84
Fittings					
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
TOTAL					4697.38
Add Water Charges @ 1%					46.97
TOTAL					4744.36 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					666.58
Total					5410.94 (Y)
Add CPOH @ 15%					811.64
Cost of 2.38 sqm					6222.58

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 1 sqm				2614.53
	labour cess @1%				26.15
	Rate including labour cess				2640.67
		Say Rs.	2640.70	per sqm	

9.6.3 12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade - 1 medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823 Grade -1, Type II marked:

Details of cost for one shutter 220x108cm =
2.38sqm

MATERIAL:

7143	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick one side pre-laminated type-I, and other side balancing lamination, medium density flat pressed three layer, graded particle board FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	2.38	1910.00	4545.80
9999	Carriage of shutters	L.S.	29.64	2.12	62.84
	<u>Fittings</u>				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	<u>LABOUR:</u>				
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
	TOTAL				5149.58
	Add Water Charges @ 1%				51.50
	TOTAL				5201.08 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				730.75
	Total				5931.83 (Y)
	Add CPOH @ 15%				889.77
	Cost of 2.38 sqm				6821.60
	Cost of 1 sqm				2866.22
	labour cess @1%				28.66
	Rate including labour cess				2894.88
		Say Rs.	2894.90	per sqm	

9.7 Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:

9.7.1 Second class teak wood

Details of cost for shutters of a door with 2/3rd


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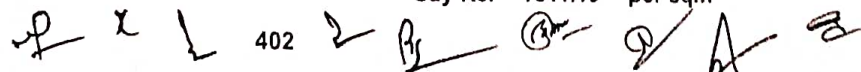
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	panelling... 200x 108cm = 2.16sqm. Panel area = 4x45.1x36.55cm = 0.66 sqm				
	MATERIAL: Panels 4x47.2x38.65x1.6cm = 0.0117cum + Add for wastage @ 10% = 0.0012cum. = 0.0129 cum				
1190	Second class teak wood in planks	10 cudm	12.90	791.00	1020.39
2204	Carriage of timber	cum	0.0129	187.35	2.42
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				1267.59
	Add Water Charges @ 1%				12.68
	TOTAL				1280.26 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				179.88
	Total				1460.14 (Y)
	Add CPOH @ 15%				219.02
	Cost of 0.66 sqm				1679.16
	Cost of 1 sqm				2544.18
	labour cess @1%				25.44
	Rate including labour cess				2569.63
	Say Rs.		2569.60	per sqm	

9.7.2 Kiln seasoned and chemically treated hollock wood


	Details of cost for shutters of a door 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm=0.66sqm				
	MATERIAL:				
2505	Hollock wood in planks	10 cudm	12.90	402.00	518.58
	Hollock wood panels 4x45.1x36.55cm = 0.0117 cum+ Add for wastage @ 10% = 0.0012cum. Total = 0.0129 cum = 12.90 cudm				
2204	Carriage of timber	cum	0.01	187.35	2.42
2504	Kiln seasoning of timber	cum	0.01	772.00	9.96
9999	Chemical treatment	L.S.	8.97	2.12	19.02
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				794.75
	Add Water Charges @ 1%				7.95
	TOTAL				802.70 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				112.78
	Total				915.48 (Y)
	Add CPOH @ 15%				137.32
	Cost of 0.66 sqm				1052.80
	Cost of 1 sqm				1595.15
	labour cess @1%				15.95
	Rate including labour cess				1611.10
	Say Rs.		1611.10	per sqm	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.7.3	Ply wood 5 ply, 9 mm thick				
9.7.3.1	Decorative plywood both side decorative veneer (Type - I) conforming to IS 1328 BWR type.				
	Details of cost for shutters of a door with 2/3 rd panelling. 200 x 108cm = 2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL: Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
2480	Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	0.80	884.00	707.20
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				955.84
	Add Water Charges @ 1%				9.56
	TOTAL				965.40 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				135.64
	Total				1101.04 (Y)
	Add CPOH @ 15%				165.16
	Cost of 0.66 sqm				1266.19
	Cost of 1 sqm				1918.47
	labour cess @1%				19.18
	Rate including labour cess				1937.66
		Say Rs.	1937.70	per sqm	
9.7.3.2	Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type				
	Details of cost for shutters of a door with 2/3rd panelling. 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL: Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
2481	Ply wood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	0.80	905.00	724.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				972.64
	Add Water Charges @ 1%				9.73
	TOTAL				982.37 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				138.02
	Total				1120.39 (Y)


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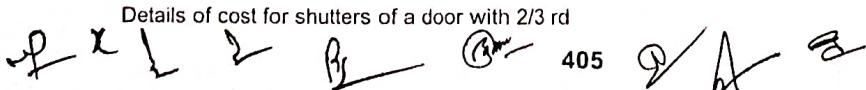
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				168.06
	Cost of 0.66 sqm				1288.45
	Cost of 1 sqm				1952.19
	labour cess @1%				19.52
	Rate including labour cess				1971.71
		Say Rs.	1971.70	per sqm	
9.7.4	Ply wood 7 ply, 9 mm thick				
9.7.4.1	Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	0.80	1010.00	808.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				1056.64
	Add Water Charges @ 1%				10.57
	TOTAL				1067.21 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				149.94
	Total				1217.15 (Y)
	Add CPOH @ 15%				182.57
	Cost of 0.66 sqm				1399.72
	Cost of 1 sqm				2120.79
	labour cess @1%				21.21
	Rate including labour cess				2142.00
		Say Rs.	2142.00	per sqm	
9.7.5	Particle Board 12 mm thick				
9.7.5.1	Plain particle board flat pressed, 3 layer or graded wood particle board medium density Grade I, IS : 3087 marked				
	Details of cost for shutters of a door with 2/3rd panelling. 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total = 0.80 sqm				
0341	Flat pressed 3 layer particle board (medium density) Grade 1, 12 mm thick	sqm	0.80	288.00	230.40
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				479.04
	Add Water Charges @ 1%				4.79
	TOTAL				483.83 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				67.98
	Total				551.81 (Y)
	Add CPOH @ 15%				82.77
	Cost of 0.66 sqm				634.58
	Cost of 1 sqm				961.48
	labour cess @1%				9.61
	Rate including labour cess				971.10
		Say Rs.	971.10	per sqm	
9.7.5.2	Veneered flat pressed three layer or graded wood particle board with commercial veneering on both sides conforming to IS :3097, grade I				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm=2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm MATERIAL: Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	0.80	480.00	384.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				632.64
	Add Water Charges @ 1%				6.33
	TOTAL				638.97
	Add GST 12% on "X"(multiplying factor 0.1405)				89.77
	Total				728.74 (Y)
	Add CPOH @ 15%				109.31
	Cost of 0.66 sqm				838.05
	Cost of 1 sqm				1269.77
	labour cess @1%				12.70
	Rate including labour cess				1282.47
		Say Rs.	1282.50	per sqm	
9.7.5.3	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side, Grade I, Type II, IS : 12823 marked				
	Details of cost for shutters of a door with 2/3 rd				


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total = 0.80 sqm				
0341	Flat pressed 3 layer particle board (medium density) Grade 1, 12 mm thick	sqm	0.80	288.00	230.40
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				479.04
	Add Water Charges @ 1%				4.79
	TOTAL				483.83 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				67.98
	Total				551.81 (Y)
	Add CPOH @ 15%				82.77
	Cost of 0.66 sqm				634.58
	Cost of 1 sqm				961.48
	labour cess @1%				9.61
	Rate including labour cess				971.10
	Say Rs.		971.10	per sqm	
9.7.5.2	Veneered flat pressed three layer or graded wood particle board with commercial veneering on both sides conforming to IS :3097, grade I				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm=2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	0.80	480.00	384.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				632.64
	Add Water Charges @ 1%				6.33
	TOTAL				638.97
	Add GST 12% on "X"(multiplying factor 0.1405)				89.77
	Total				728.74 (Y)
	Add CPOH @ 15%				109.31
	Cost of 0.66 sqm				838.05
	Cost of 1 sqm				1269.77
	labour cess @1%				12.70
	Rate including labour cess				1282.47
	Say Rs.		1282.50	per sqm	
9.7.5.3	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side, Grade I, Type II, IS : 12823 marked				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm=2.16 sqm				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	500.00	400.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				648.64
	Add Water Charges @ 1%				6.49
	TOTAL				655.13
	Add GST 12% on "X"(multiplying factor 0.1405)				92.05
	Total				747.17 (Y)
	Add CPOH @ 15%				112.08
	Cost of 0.66 sqm				859.25
	Cost of 1 sqm				1301.89
	labour cess @1%				13.02
	Rate including labour cess				1314.91
				Say Rs. 1314.90 per sqm	
9.7.5.4	Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II, IS :12823 marked				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm= 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
7480	Pre/aminated particle board with both sides decorative lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	490.00	392.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				640.64
	Add Water Charges @ 1%				6.41
	TOTAL				647.05
	Add GST 12% on "X"(multiplying factor 0.1405)				90.91
	Total				737.96 (Y)


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm=2.16 sqm Panel area 4x45 1x36.55cm = 0.66sqm MATERIAL: Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	500.00	400.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				648.64
	Add Water Charges @ 1%				6.49
	TOTAL				655.13
	Add GST 12% on "X"(multiplying factor 0.1405)				92.05
	Total				747.17 (Y)
	Add CPOH @ 15%				112.08
	Cost of 0.66 sqm				859.25
	Cost of 1 sqm				1301.89
	labour cess @1%				13.02
	Rate including labour cess				1314.91

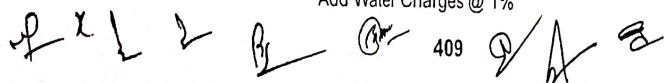
Say Rs. 1314.90 per sqm

9.7.5.4 Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II, IS :12823 marked

	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm= 0.66sqm MATERIAL: Plywood (9mm.thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7480	Pre/aminated particle board with both sides decorative lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	490.00	392.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				640.64
	Add Water Charges @ 1%				6.41
	TOTAL				647.05
	Add GST 12% on "X"(multiplying factor 0.1405)				90.91
	Total				737.96 (Y)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				110.69
	Cost of 0.66 sqm				848.65
	Cost of 1 sqm				1285.83
	labour cess @1%				12.86
	Rate including labour cess				1298.69
				Say Rs. 1298.70	per sqm
9.7.6	Coir Veneer Board (conforming to IS 14842)				
9.7.6.1	12 mm thick				
	Details of cost for shutters of a door with 2/3 rd panelling 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL :				
	Coir veneered board 12mm thick				
	4x47.2 x 38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
7555	Coir veneered board 12 mm thick	sqm	0.80	625.00	500.00
9999	Carriage	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				748.64
	Add Water Charges @ 1%				7.49
	TOTAL				756.13
	Add GST 12% on "X" (multiplying factor 0.1405)				106.24
	Total				862.36 (Y)
	Add CPOH @ 15%				129.35
	Cost of 0.66 sqm				991.71
	Cost of 1 sqm				1502.60
	labour cess @1%				15.03
	Rate including labour cess				1517.62
				Say Rs. 1517.60	per sqm
9.7.7	Float glass panes				
9.7.7.1	4 mm thick glass pane				
	Details of cost for shutters of a door with 2/3 rd panelling 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Coir veneered board 12mm thick				
	4x47.2x 38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	0.80	309.00	247.20
9999	Carriage	L.S.	1.82	2.12	3.86
0156	Carpenter (average)	day	0.57	369.00	210.33
0119	Glazier	day	0.15	344.00	51.60
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	25.47	2.12	54.00
	TOTAL				612.88
	Add Water Charges @ 1%				6.13



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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				619.01
	Add GST 12% on "X"(multiplying factor 0.1405)				86.97
	Total				705.99 (Y)
	Add CPOH @ 15%				105.90
	Cost of 0.66 sqm				811.88
	Cost of 1 sqm				1230.13
	labour cess @1%				12.30
	Rate including labour cess				1242.43
				Say Rs. 1242.40	per sqm

9.7.7.2 5.5 mm thick glass pane

Details of cost for shutters of a door with 2/3 rd panelling 200x108cm = 2.16sqm
Panel area 4x45.1x36.55cm=0.66sqm

MATERIAL:

Coir veneered board 12mm thick
4x47.2x 38.65cm=0.73sqm
Add for wastage @ 10% = 0.07sqm
Total = 0.80 sqm

2407	Float glass sheet of nominal thickness 5.5 mm (weight not less than 13.50 kg/sqm)	sqm	0.80	515.00	412.00
9999	Carriage	L.S.	1.82	2.12	3.86
0156	Carpenter (average)	day	0.57	369.00	210.33
0119	Glazier	day	0.15	344.00	51.60
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	25.47	2.12	54.00

TOTAL 777.68

Add Water Charges @ 1% 7.78

TOTAL 785.46

Add GST 12% on "X"(multiplying factor 0.1405) 110.36

Total 895.82 (Y)

Add CPOH @ 15% 134.37

Cost of 0.66 sqm 1030.19

Cost of 1 sqm 1560.90

labour cess @1% 15.61

Rate including labour cess 1576.51

Say Rs. 1576.50 per sqm

9.7.8 Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia wire and 1.4 mm wide aperture with matching wood beading

Details of cost for shutters of a door with 2/3 rd panelling 200x108 cm = 2.16 sqm
Panel area 4x45.1x36.55 cm = 0.66 sqm

MATERIAL:

Coir veneered board 12mm thick
4x47.2 x 38.65cm = 0.73sqm
Add for wastage @ 10% = 0.07sqm
Total = 0.80 sqm

8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	0.80	413.00	330.40
9999	Carriage	L.S.	1.82	2.12	3.86

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0112	Carpenter 2nd class	day	0.57	369.00	210.33
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				553.96
	Add Water Charges @ 1%				5.54
	TOTAL				559.50
	Add GST 12% on "X"(multiplying factor 0.1405)				78.61
	Total				638.11 (Y)
	Add CPOH @ 15%				95.72
	Cost of 0.66 sqm				733.82
	Cost of 1 sqm				1111.85
	labour cess @1%				11.12
	Rate including labour cess				1122.97
				Say Rs. 1123.00 per sqm	
9.9	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.				
9.9.1	Second class teak wood				
9.9.1.1	35 mm thick				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	Teak wood (2nd class)				
	Styles : 4x200x9.5x3.5cm =0.027cum				
	Rails:				
	Top & intermediate rails				
	2x110.5x9.5x3.5cm = 0.008cum				
	Lock and bottom rails				
	2x110.5x19.7x3.5cm= 0.015cum				
	Beadings				
	:2x186.1x1.9x1.2cm = 0.001cum				
	4x171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.053 cum.				
	Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.058 cum = 58 cudm				
1190	Second class teak wood in planks	10 cudm	58.00	791.00	4587.80
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.06	187.35	10.87
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				6156.22
	Add Water Charges @ 1%				61.56
	TOTAL				6217.78
	Add GST 12% on "X"(multiplying factor 0.1405)				873.60
	Total				7091.38 (Y)
	Add CPOH @ 15%				1063.71
	Cost of 2 16 sqm				8155.08
	Cost of 1 sqm				3775.50
	labour cess @1%				37.76
	Rate including labour cess				3813.26
	Say Rs.		3813.30		per sqm
9.9.1.2	30 mm thick				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	MATERIAL:				
	Teak wood Styles :				
	4x200x9.5x3.0cm = 0.023cum +				
	Rails :				
	Top & intermediate rails				
	2x110.5x9.5x3.0 cm = 0.006cum+				
	Lock and bottom rails				
	2x110.5x19.7x 3.0cm = 0.013cum+				
	Beadings-2x186.1x1.9x1.2cm =0.001cum +				
	4x 171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.045 cum. +				
	Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.050 cum = 50 cudm				
1190	Second class teak wood in planks	10 cudm	50.00	791.00	3955.00
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.05	187.35	9.37
	LABOUR.				
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5521.92
	Add Water Charges @ 1%				55.22
	TOTAL				5577.14
	Add GST 12% on "X"(multiplying factor 0.1405)				783.59
	Total				6360.73 (Y)
	Add CPOH @ 15%				954.11
	Cost of 2 16 sqm				7314.84

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 1 sqm				3386.50
	labour cess @1%				33.86
	Rate including labour cess				3420.36

Say Rs. 3420.40 per sqm

9.9.2 Kiln seasoned and chemically treated hollock wood

9.9.2.1 35 mm thick

Details of cost for shutter of a door (glazed)

200x108cm = 2.16 sqm

MATERIAL:

i) Hollock wood

Style: 4x200x9.5x3.5cm = 0.027cum+

Rails

Top & intermediate rails

2x110.5x9.5x3.50cm = 0.008cum+

Lock and bottom rails

2x110.5x19.7x3.50cm = 0.015cum+

Beadings-

2x186.1x1.9x1.2cm = 0.001cum +

4x 171.70x 1.9x 1.2cm = 0.002cum.

Total = 0.053 cum.

+ Add for wastage @ 10% = 0.005cum.

Grand Total = 0.058 cum or = 58 cudm

2505	Hollock wood in planks	10 cudm	58.00	402.00	2331.60
2504	Kiln seasoning of timber	cum	0.06	772.00	44.78
9999	Chemical treatment	L.S.	9.10	2.12	19.29
2406	Float glass sheet of nominal thickness 4 mm weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.06	187.35	10.87
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71

TOTAL

3964.09

Add Water Charges @ 1%

39.64

TOTAL

4003.73

Add GST 12% on "X" (multiplying factor 0.1405)

562.52

Total

4566.25 (Y)

Add CPOH @ 15%

684.94

Cost of 2.16 sqm

5251.19

Cost of 1 sqm

2431.11

labour cess @1%

24.31



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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
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Rate including labour cess

2455.42

Say Rs. 2455.40 per sqm

9.9.2.2 30 mm thick

Details of cost for shutter of a door (glazed)

200x108cm = 2.16 sqm

MATERIAL:

(i) Hollock wood Styles :

4x200x9.50x3.0cm=0.023cum+

Rails

Top & intermediate rails

2x110.5x9.50x3.0cm=0.006cum+

Lock and bottom rails

2x110.5x19.70x3.0cm =0.013cum+

Beadings-

2x186.1x1.9x1.2cm = 0.001cum+

4x 171.70x 1.9x 1.2cm = 0.002cum.

Total = 0.045 cum.+

Add for wastage @ 10%=0.005cum.

Grand Total = 0.050 = 50 cudm

2505	Hollock wood in planks	10 cudm	50.00	402.00	2010.00
2504	Kiln seasoning of timber	cum	0.05	772.00	38.60
9999	Chemical treatment	L.S.	9.10	2.12	19.29
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.05	187.35	9.37
LABOUR:					
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71

TOTAL

3634.81

Add Water Charges @ 1%

36.35

TOTAL

3671.16

Add GST 12% on "X" (multiplying factor 0.1405)

515.80

Total

4186.96 (Y)

Add CPOH @ 15%

628.04

Cost of 2.16 sqm

4815.00

Cost of 1 sqm

2229.17

labour cess @1%

22.29

Rate including labour cess

2251.46

Say Rs. 2251.50 per sqm

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.9.3	Kiln seasoned selected planks of sheesham wood				
9.9.3.1	35 mm thick				
	Details of cost for shutter of a door (glazed)				
	200 x 108 cm = 2.16 sqm				
	MATERIAL :				
	(i) Hollock wood				
	Styles : 4 x 200 x 9.53 x 3.5cm = 0.27 cum +				
	Rails				
	Top & intermediate rails				
	2 x 110.5 x 9.5x3.50cm = 0.008cum +				
	Lock and bottom rails				
	2x110.5 x 19.7 x 3.50cm = 0.015cum +				
	Beading				
	2x186.1x1.9x1.2 cm = 0.001 cum +				
	4 x 171.70x1.9x1.20 cm = 0.002 cum				
	Total = 0.053 cum				
	Add for wastage@10% = 0.005 cum				
	Grand total = 0.058 cum or 58 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	58.00	650.00	3770.00
2504	Kiln seasoning of timber	cum,	0.06	772.00	44.78
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.06	187.35	10.87
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5383.19
	Add Water Charges @ 1%				53.83
	TOTAL				5437.03
	-Add GST 12% on "X"(multiplying factor 0.1405)				763.90
	Total				6200.93 (Y)
	Add CPOH @ 15%				930.14
	Cost of 2.16 sqm				7131.07
	Cost of 1 sqm				3301.42
	labour cess @1%				33.01
	Rate including labour cess				3334.43
			Say Rs.	3334.40	per sqm

9.9.3.2 30 mm thick

Details of cost for shutters of a cup-board
(half glazed and half panelled) 200x108cm =
2.16 sqm

(i) Sheesham wood


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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
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	Styles : 4x200x9.50x3.0cm = 0.023cum + Rails Top & intermediate rails 2x110.5x9.50x3.0cm= 0.006cum+ Lock and bottom rails 2x110.5x19.70x3.0cm = 0.013cum+ Beadings-2x186.1x1.9x1.2cm= 0.001cum+ 4x71.70x 1.9x 1.2cm = 0.002cum. Total = 0.045 cum.+ Add for wastage @ 10% = 0.005cum. Grand Total = 0.050 = 50 cudm Panels : 2 x 48 x 41 x 1.6cm = 0.006cm + Sash bars 2 x 114 x 3.8 x 2.5cm = 0.003 cum + 6 x 48 x 3.8 x 2.5cm = 0.003 cum + Beading - 16 x 92 x 1.4 x 1.2cm = 0.002 cum				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	50.00	650.00	3250.00
2504	Kiln seasoning of timber	cum	0.05	772.00	38.60
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	'sqm	1.27	309.00	392.43
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.05	187.35	9.37
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71

TOTAL 4855.52

Add Water Charges @ 1% 48.56

TOTAL 4904.07

Add GST 12% on "X"(multiplying factor 0.1405) 689.02

Total 5593.10 (Y)

Add CPOH @ 15% 838.96

Cost of 2.16 sqm 6432.06

Cost of 1 sqm 2977.81

labour cess @1% 29.78

Rate including labour cess 3007.58

Say Rs. 3007.60 per sqm

9.10 Providing and fixing factory made laminated veneer lumber glazed shutter conforming to IS: 14616 and TADS 15:2001 (Part B), using 4 mm thick float glass panes for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, all as per directions of Engineer-in-charge.

9.10.1 30 mm thick shutters

Details of cost for one shutter 220x108cm = 2.38sqm

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
7151	Factory made 30 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of sheet glass using 10 kg/ sqm glass panes	sqm	2.38	1620.00	3855.60
9999	Carriage of shutters	L.S.	29.64	2.12	62.84
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
	TOTAL				4459.38
	Add Water Charges @ 1%				44.59
	TOTAL				4503.98
	Add GST 12% on "X"(multiplying factor 0.1405)				632.81
	Total				5136.78 (Y)
	Add CPOH @ 15%				770.52
	Cost of 2.38 sqm				5907.30
	Cost of 1 sqm				2482.06
	labour cess @1%				24.82
	Rate including labour cess				2506.88
				Say Rs. 2506.90 per sqm	
9.11	Extra for providing heavy sheet float glass panes instead of ordinary float glass in glazed doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).				
9.11.1	5.5 mm thick instead of 4 mm thick				
	Details of cost for 1 sqm.				
	MATERIAL:				
2407	Float glass sheet of nominal thickness 5.5 mm (weight not less than 13.50 kg/sqm)	sqm	1.00	515.00	515.00
	Deduct				
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	309.00	-309.00
	TOTAL				206.00
	Add Water Charges @ 1%				2.06
	TOTAL				208.06
	Add GST 12% on "X"(multiplying factor 0.1405)				29.23
	Total				237.29 (Y)
	Add CPOH @ 15%				35.59
	Cost of 1 sqm				272.89
	labour cess @1%				2.73
	Rate including labour cess				275.62

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
			275.60	per sqm	
9.12	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).				
	Details of cost for 1 sqm.				
	MATERIAL:				
7032	Frosted glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)	sqm	1.00	420.00	420.00
	Deduct				
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	309.00	-309.00
	TOTAL				111.00
	Add Water Charges @ 1%				1.11
	TOTAL				112.11
	Add GST 12% on "X" (multiplying factor 0.1405)				15.75
	Total				127.86 (Y)
	Add CPOH @ 15%				19.18
	Cost of 1 sqm				147.04
	labour cess @1%				1.47
	Rate including labour cess				148.51
			148.50	per sqm	
9.13	Deduct for providing pin headed glass panes instead of ordinary float glass panes weighing 4 mm thick in doors, windows and clerestory window shutters (Area of opening for glass panes excluding portion inside rebate shall be measured).				
	Details of cost for 1 sqm.				
	MATERIAL:				
	Deduct				
7451	Glass sheet (Pin headed) 4 mm thick	sqm	1.00	345.00	345.00
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	309.00	-309.00
	TOTAL				36.00
	Add Water Charges @ 1%				0.36
	TOTAL				36.36
	Add GST 12% on "X" (multiplying factor 0.1405)				5.11
	Total				41.47 (Y)
	Add CPOH @ 15%				6.22
	Cost of 1 sqm				47.69
	labour cess @1%				0.48
	Rate including labour cess				48.17
			48.20	per sqm	
9.14	Extra for providing ISI marked Stainless Steel butt hinges instead of M.S. pressed butt hinges bright finished of required size with necessary screws. (Shutter area to be measured).				
	Details of cost for one door shutter of a door 200x108cm = 2.16 sqm				
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked				
		10 Nos	6.00	275.00	165.00

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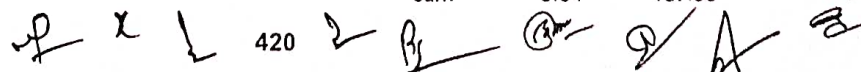
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	-6.00	80.00	-48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	-2.00	49.00	-9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	-48.00	60.00	-28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	-8.00	35.00	-2.80
TOTAL					237.60
Add Water Charges @ 1%					2.38
TOTAL					239.98
Add GST 12% on "X"(multiplying factor 0.1405)					33.72
Total					273.69 (Y)
Add CPOH @ 15%					41.05
Cost of 2.16 sqm					314.75
Cost of 1 sqm					145.72
labour cess @1%					1.46
Rate including labour cess					147.17
			Say Rs.	147.20	per sqm
9.15	Deduct for not providing hinges in doors, windows and clerestory window shutters with:				
9.15.1	Stainless steel butt hinges with stainless steel screws				
9.15.1.1	For 2nd class teak wood and other class of wood shutters				
Details of cost for fittings for shutter of size 200x108cm = 2.16 sqm					
MATERIAL:					
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
TOTAL					327.00
Add Water Charges @ 1%					3.27
TOTAL					330.27
Add GST 12% on "X"(multiplying factor 0.1405)					46.40
Total					376.67 (Y)
Add CPOH @ 15%					56.50
Cost of 2.16 sqm					433.17
Cost of 1 sqm					200.54
labour cess @1%					2.01
Rate including labour cess					202.55
			Say Rs.	202.50	per sqm


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.15.2	ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws				
9.15.2.1	For 2nd class teak wood and other class of wood shutters Details of cost for hinges with screws for shutters of size 200x108cm = 2.16 sqm MATERIAL:				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	TOTAL				89.40
	Add Water Charges @ 1%				0.89
	TOTAL				90.29
	Add GST 12% on "X"(multiplying factor 0.1405)				12.69
	Total				102.98 (Y)
	Add CPOH @ 15%				15.45
	Cost of 2.16 sqm				118.43
	Cost of 1 sqm				54.83
	labour cess @1%				0.55
	Rate including labour cess				55.38
		Say Rs.	55.40	per sqm	
9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				
9.16.1	Panelled or panelled & glazed shutters :				
9.16.1.1	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws Details of cost for shutters of a cup-board (half glazed and half paneled) 200x108cm = 2.16 sqm. MATERIAL: Styles-4x200x8.0x2.5cm = 0.016 cum+ Rails- Top rail - 1x1 10.5x8.0x2.5cm = 0.0022cum+ Lock and bottom rail- 2x110.5x8.0x2.5cm = 0.0044 cum.+ Panels-2x48x41x 1.6cm = 0.006cum+ Sash bars-2x114x3.8x2.5cm = 0.003cum +6x48x3.8x2.5cm = 0.003 cum+ Beading-16x92x 1.4x 1.2cm = 0.002cum Total = 0.0366 Add for wastage @ 10%=0.0037 cum. Grand Total = 0.0403 cum or 40 cudm				
1190	Second class teak wood in planks	10 cudm	40.00	791.00	3164.00
2204	Carriage of timber	cum	0.04	187.35	7.49

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	0.99	309.00	305.91
	Fittings				
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	6.00	196.00	117.60
0586	Chromium plated Brass screws 40 mm	100 Nos	48.00	290.00	139.20
	LABOUR:				
0111	Carpenter 1 st class	day	2.40	413.00	991.20
0119	Glazier	day	0.18	344.00	61.92
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5108.66
	Add Water Charges @ 1%				51.09
	TOTAL				5159.74
	Add GST 12% on "X"(multiplying factor 0.1405)				724.94
	Total				5884.69 (Y)
	Add CPOH @ 15%				882.70
	Cost of 2.16 sqm				6767.39
	Cost of 1 sqm				3133.05
	labour cess @1%				31.33
	Rate including labour cess				3164.38
					Say Rs. 3164.40 per sqm

9.16.1.2 Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws

Details of cost for shutters of a cup board
(half glazed and panelled) 200x108=2.16sqm

MATERIAL:

Styles-4x200x8.0x2.25cm =0.016 cum +

Rails-

Top rail 1 x 1 10.5x8.0x2.5 cm =0.0022 cum +

lock and bottom rail-2x10.5x8.0x2.5 0.0044 cum +

Panels :2 x 48 X 41 x 1.6 cm=0.006 cum +

sash bars 2 x 114 x 3.8 x 2.5cm = 0.003 cum +

6 x 48 x 3.8 x 2.5 cm = 0.003 cum +

Beading - 16 x 92, x 1.4 x 1.2cm = 0.002 cum

Total=0.0336

Add for wastage @ 10% =0.0037 cum

Grand Total = 0.0403 cum or 40 cudm

1190	Second class teak wood in planks	10 cudm	40.00	791.00	3164.00
2204	Carriage of timber	cum	0.04	187.35	7.49
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	0.99	309.00	305.91
	Fittings:				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.00	39.00	156.00
0586	Chromium plated Brass screws 40 mm	100 Nos	114.00	290.00	330.60
	LABOUR:				
0111	Carpenter 1 st class	day	2.40	413.00	991.20
0119	Glazier	day	0.18	344.00	61.92
0114	Beldar	day	0.77	306.00	235.62


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5338.46
	Add Water Charges @ 1%				53.38
	TOTAL				5391.84
	Add GST 12% on "X"(multiplying factor 0.1405)				757.55
	Total				6149.39 (Y)
	Add CPOH @ 15%				922.41
	Cost of 2.16 sqm				7071.80
	Cost of 1 sqm				3273.98
	labour cess @1%				32.74
	Rate including labour cess				3306.72
		Say Rs.	3306.70	per sqm	
9.16.2	Glazed shutters:				
9.16.2.1	Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws				
	Details of cost for shutter of cup-board				
	200x108cm = 2.16 sqm				
	MATERIAL:				
	(i) Teak wood second class				
	Styles : 4x200x9.5x2.5 cm = 0.019 cum				
	Rails				
	Top & intermediate rails				
	2x110.5x9.5x2.5cm = 0.006 cum				
	Lock and bottom rails				
	2x110.5x19.7x2.5 cm = 0.011 cum				
	Beadings-2x186.1x1.9x1.2cm = 0.001 cum +				
	4x 171.70x1.9x1.2cm = 0.002 cum.				
	Total = 0.039 cum.				
	Add for wastage @ 10% = 0.004 cum.				
	Grand Total = 0.043 cum. 43 cudm				
1190	Second class teak wood in planks	10 cudm	43.00	791.00	3401.30
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	6.00	196.00	117.60
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	48.00	40.00	19.20
2204	Carriage of timber	cum	0.04	187.35	8.06
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5014.31
	Add Water Charges @ 1%				50.14
	TOTAL				5064.45
	Add GST 12% on "X"(multiplying factor 0.1405)				711.56
	Total				5776.01 (Y)
	Add CPOH @ 15%				866.40
	Cost of 2.16 sqm				6642.41
	Cost of 1 sqm				3075.19

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				30.75
	Rate including labour cess				3105.94
		Say Rs.	3105.90	per sqm	
9.16.2.2	Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws				
	Details of cost for shutters of a cup board (half Glazed and half panelled) 200x108cm= 2.16 sqm				
	MATERIAL:				
	Teak wood second class styles 4 x 200 x 9.5 x 2.5cm = 0.019 cum				
	Rails - Top & Intermediate rail 2 x 110.5 x 9.5 x 2.5cm=0.006 cum				
	lock and bottom rail - 2 x 10.5 x 19.7 x 2.5 cm=0.0011 cum				
	Total = 0.039 cum				
	Add for wastage @ 10% =0.0004cum				
	Grand Total = 0.0403 cum or 43 cudm				
1190	Second class teak wood in planks	10 cudm	43.00	791.00	3401.30
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	309.00	392.43
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.00	39.00	156.00
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	114.00	40.00	45.60
2204	Carriage of timber	cum	0.04	187.35	8.06
	LABOUR:				
0156	Carpenter (average)	day	1.83	369.00	675.27
0119	Glazier	day	0.23	344.00	79.12
0114	Beldar	day	0.77	306.00	235.62
9999	Sundries	L.S.	40.43	2.12	85.71
	TOTAL				5079.11
	Add Water Charges @ 1%				50.79
	TOTAL				5129.90
	Add GST 12% on "X"(multiplying factor 0.1405)				720.75
	Total				5850.65 (Y)
	Add CPOH @ 15%				877.60
	Cost of 2.16 sqm				6728.25
	Cost of 1 sqm				3114.93
	labour cess @1%				31.15
	Rate including labour cess				3146.08
		Say Rs.	3146.10	per sqm	

9.17 Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) :

9.17.1 12 mm thick

Details of cost for 350x200cm = 7sqm

MATERIAL:

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	12mm thick particle board = 7.00sqm.+ Add wastage @ 5% = 0.35 sqm. Total = 7.35 sqm				
0341	Flat pressed 3 layer particle board (medium density) Grade 1, 12 mm thick	sqm	7.35	288.00	2116.80
9999	Carriage of particle board	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				2840.61
	Add Water Charges @ 1%				28.41
	TOTAL				2869.02
	Add GST 12% on "X"(multiplying factor 0.1405)				403.10
	Total				3272.11 (Y)
	Add CPOH @ 15%				490.82
	Cost of 7 sqm				3762.93
	Cost of 1 sqm				537.56
	labour cess @1%				5.38
	Rate including labour cess				542.94
		Say Rs.	542.90	per sqm	
9.17.2	18 mm thick Details of cost for 350x200cm = 7sqm MATERIAL: 12mm thick particle board = 7.00sqm.+ Add wastage @ 5% = 0.35 sqm Total = 7.35 sqm				
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	7.35	430.00	3160.50
9999	Carriage of particle board	L.S.	19.76	2.12	41.89
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				3897.54
	Add Water Charges @ 1%				38.98
	TOTAL				3936.52
	Add GST 12% on "X"(multiplying factor 0.1405)				553.08
	Total				4489.60 (Y)
	Add CPOH @ 15%				673.44
	Cost of 7 sqm				5163.04
	Cost of 1 sqm				737.58
	labour cess @1%				7.38
	Rate including labour cess				744.95
		Say Rs.	745.00	per sqm	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.18	Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).				
9.18.1	18 mm thick				
	Details of cost for 4 nos. 75x20cm shelves =				
	0.60 sqm				
	MATERIAL:				
	18mm thick particle board =				
	4x75x20cm = 0.60sqm.+				
	Wastage @ 5% = 0.03sqm:				
	Total = 0.63 sqm				
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	0.63	560.00	352.80
9999	Carriage of board	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	369.00	40.59
0114	Beldar	day	0.06	306.00	18.36
9999	Sundries, painting edges & screws	L.S.	7.80	2.12	16.54
	TOTAL				430.22
	Add Water Charges @ 1%				4.30
	TOTAL				434.52
	Add GST 12% on "X" (multiplying factor 0.1405)				61.05
	Total				495.57 (Y)
	Add CPOH @ 15%				74.34
	Cost of 0.6 sqm				569.90
	Cost of 1 sqm				949.84
	labour cess @1%				9.50
	Rate including labour cess				959.34
		Say Rs.	959.30	per sqm	

9.18.2 25 mm thick

Details of cost for 4 nos. 75x20cm shelves =

0.60 sqm

MATERIAL:

25mm thick particle board =

4x75x20cm = 0.60sqm.+

Wastage @ 5% = 0.03sqm

Total = 0.63 sqm

7479 Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick

9999 Carriage of board

LABOUR:

0112 Carpenter 2nd class

0114 Beldar

9999 Sundries, painting edges & screws

425

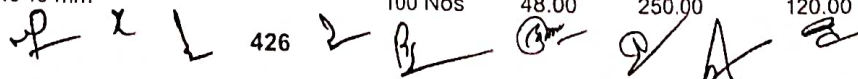
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				614.84
	Add Water Charges @ 1%				6.15
	TOTAL				620.99
	Add GST 12% on "X"(multiplying factor 0.1405)				87.25
	Total				708.24 (Y)
	Add CPOH @ 15%				106.24
	Cost of 0.6 sqm				814.48
	Cost of 1 sqm				1357.46
	labour cess @1%				13.57
	Rate including labour cess				1371.04
				Say Rs. 1371.00 per sqm	
9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0713	Block board construction flush door with teak wood ply on both faces 35 mm thick	sqm	2.20	1800.00	3960.00
9999	Carriage of door	L.S.	29.64	2.12	62.84
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
	TOTAL				4679.09
	Add Water Charges @ 1%				46.79
	TOTAL				4725.88
	Add GST 12% on "X"(multiplying factor 0.1405)				663.99
	Total				5389.86 (Y)
	Add CPOH @ 15%				808.48
	Cost of 2.2 sqm				6198.34
	Cost of 1 sqm				2817.43
	labour cess @1%				28.17
	Rate including labour cess				2845.60
				Say Rs. 2845.60 per sqm	

9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0714	Block board construction flush door with teak wood ply on both faces 30 mm thick	sqm	2.20	1600.00	3520.00
9999	Carriage of door L.S.	L.S.	29.64	2.12	62.84
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
LABOUR:					
For fixing shutter and fittings					
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
TOTAL					4239.09
Add Water Charges @ 1%					42.39
TOTAL					4281.48
Add GST 12% on "X"(multiplying factor 0.1405)					601.55
Total					4883.03 (Y)
Add CPOH @ 15%					732.45
Cost of 2.2 sqm					5615.48
Cost of 1 sqm					2552.49
labour cess @1%					25.52
Rate including labour cess					2578.02
Say Rs. 2578.00 per sqm					

9.20.3 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws

Details of cost for 2.2 sqm

MATERIAL:

0715	Block board construction flush door with teak wood ply on both faces 25 mm thick	sqm	2.20	1400.00	3080.00
9999	Carriage of door	L.S.	29.64	2.12	62.84
Fittings for a door 2.2x1.00m = 2.20 sqm					
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	39.00	171.60
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	40.00	50.00
LABOUR:					
For fixing shutter and fittings					
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
TOTAL					3735.69
Add Water Charges @ 1%					37.36
TOTAL					3773.04
Add GST 12% on "X"(multiplying factor 0.1405)					530.11
Total					4303.16(Y)
Add CPOH @ 15%					645.47
Cost of 2.2 sqm					4948.63
Cost of 1 sqm					2249.38
labour cess @1%					22.49
Rate including labour cess					2271.87
Say Rs. 2271.90 per sqm					

9.21 Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:

9.21.1 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws

Details of cost for 2.2 sqm


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
MATERIAL:					
0717	Block board construction flush door with commercial ply on both faces 35 mm thick	sqm	2.20	1000.00	2200.00
9999	Carriage of door	L.S.	29.64	2.12	62.84
Fittings for a door 2.2x1.0m = 2.20 sqm					
8220	Stainless steel butt hinges (heavy weight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
LABOUR:					
For fixing shutter and fittings					
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
TOTAL					2919.09
Add Water Charges @ 1%					29.19
TOTAL					2948.28
Add GST 12% on "X"(multiplying factor 0.1405)					414.23
Total					3362.51 (Y)
Add CPOH @ 15%					504.38
Cost of 2.2 sqm					3866.89
Cost of 1 sqm					1757.68
labour cess @1%					17.58
Rate including labour cess					1775.25
			Say Rs.	1775.30	per sqm

9.21.2 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws

Details of cost for 2.2 sqm

MATERIAL:

0718	Block board construction flush door with commercial ply on both faces 30 mm thick	sqm	2.20	900.00	1980.00
9999	Carriage of door	L.S.	29.64	2.12	62.84
Fittings for a door 2.2x1.0m = 2.20 sqm					
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00

LABOUR:

For fixing shutter and fittings

0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30

TOTAL

2699.09

Add Water Charges @ 1%

26.99

TOTAL

2726.08

Add GST 12% on "X"(multiplying factor 0.1405)

383.01

Total

3109.09 (Y)

Add CPOH @ 15%

466.36

Cost of 2.2 sqm

3575.46

Cost of 1 sqm

1625.21

labour cess @1%

16.25

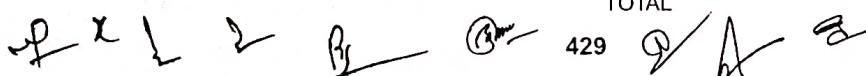
Rate including labour cess

1641.46

Say Rs. 1641.50 per sqm

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.21.3	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0719	Block board construction flush door with commercial ply on both faces 25 mm thick	sqm	2.20	890.00	1958.00
9999	Carriage of door	L.S.	29.64	2.12	62.84
	Fittings for a door 2.2x1.0m = 2.20 sqm				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	39.00	171.60
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	40.00	50.00
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
	TOTAL				2613.69
	Add Water Charges @ 1%				26.14
	TOTAL				2639.82
	Add GST 12% on "X" (multiplying factor 0.1405)				370.90
	Total				3010.72 (Y)
	Add CPOH @ 15%				451.61
	Cost of 2.2 sqm				3462.33
	Cost of 1 sqm				1573.78
	labour cess @1%				15.74
	Rate including labour cess				1589.52
				Say Rs. 1589.50	per sqm
9.22	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to I.S. 2202 (part I).				
9.22.1	On one side only				
	Details of cost for 1 sqm.				
7307	For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering	sqm	1.00	305.00	305.00
	TOTAL				305.00
	Add Water Charges @ 1%				3.05
	TOTAL				308.05
	Add GST 12% on "X" (multiplying factor 0.1405)				43.28
	Total				351.33 (Y)
	Add CPOH @ 15%				52.70
	Cost of 1 sqm				404.03
	labour cess @1%				4.04
	Rate including labour cess				408.07
				Say Rs. 408.10	per sqm
9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).				
	Details of cost for 1 sqm of door area				
0752	Block board construction flush door lipping	sqm of door area	1.00	300.00	300.00
	TOTAL				300.00


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				3.00
	TOTAL				303.00
	Add GST 12% on "X"(multiplying factor 0.1405)				42.57
	Total				345.57 (Y)
	Add CPOH @ 15%				51.84
	Cost of 1 sqm				397.41
	labour cess @1%				3.97
	Rate including labour cess				401.38
		Say Rs.	401.40		per sqm
9.23A	Providing and fixing 25 mm thick shutters for cupboards etc.including black enamelled M.S. butt hinges with necessary screws :				
9.23A.1	Panelled or panelled and glazed shutters				
9.23A.1.1	Second class teak wood				
	Details of cost for Shutters of a board(half panelled and half glazed) 200*108 cm - 2.16 sqm				
	Materials:				
	Teak wood (2nd class)				
	Styles 4x2.00 m = 8.00 m				
	Rails 3x1.105 m = 3.315 m				
	= 11.315m				
	11.315x0.08x0.025 = 0.023 cum				
	Par.2ls-2x0.48x0.41x0.016 = 0.006 cum				
	Sash bare 2x1.14 = 2.28				
	6x0.48 = 2.68				
	=5.16				
	5.16x0.038x0.025 = 0.005 cum				
	Beadings-16x0.92x0.014x0.012 = 0.002 cum				
	Total = 0.036 cum				
	Add wastage @ 10 % =0.004 cum				
	Total = 0.040 cum				
(1190)	Say 40 cudm	10 cudm	4.000	791.00	3164.00
(2204)	Carriage of timber	cum	0.040	187.35	7.49
	Fittings				
(0596)	Iron hinges 75*40*1.70 mm	10 Nos	0.600	56.00	33.60
(0638)	Screws 30 mm	100 Nos	0.480	45.00	21.60
(2406)	Glasses 10 kg/sqm (4.0 mm thick)	sqm'	0.990	309.00	305.91
	Labour:				
(0156)	Carpenter (Average)	per day	2.400	369.00	885.60 (L)
(0114)	Beldar	per day	0.770	306.00	235.62 (L)
(0119)	Glazier	per day	0.180	344.00	61.92 (L)
(9999)	Sundries	1 time	15.550	2.12	32.97 (L)
	Total				4748.71
	Add for water charges @ 1%				47.487
	Total				4796.197
	Add GST 12% on "X"(multiplying factor 0.1405)				673.87
	Total				5470.06 (Y)
	Add for contractor's profit and over-heads @ 15%				820.509
	Cost of 2.16 sqm				6290.572
	Cost of 1 sqm				2912.302
	Add labour cess @ 1%				29.12
	Rate including labour cess				2941.42
		Say Rs.	2941.40		per sqm
9.23A.2	Glazed shutters				
9.23A.2.1	Second class teak wood				
	Note :-Analysis of item 9.23.2 is similar to .item				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.6.3.6					
Details of cost for shutters of a door (glazed)					
200x108cm = 2.16sqm					
Materials:					
(i) Teak wood (2nd class)					
(1190)	Quantity	10 cudm	4.300	791.00	3401.30
(ii) Glasses (10 kg/sqm) 4.0 mm thick					
(2406)	Quantity as per item 9.6.3.5 (25 mm)	sqm	1.270	309.00	392.43
(iii) Black enamelled M.S.butt hinges and screws-					
(9.9.1.2)	Same as per item 9.6.3.5		1.000	224.00	224.00
(2204)	Carnage of timber	cum	0.043	187.35	8.06
Labour:					
(0156)	Carpenter (Avg.)	per day	1.830	369.00	675.27
(0119)	Glazier	per day	0.230	344.00	79.12
(0114)	Baldar	Per	0.770	306.00	235.62
(9999)	Sundaries	1 time	15.650	2.12	33.18
Add for vyster charges @ 1 %					
Total					509.49
Add GST 12% on "X"(multiplying factor 0.1405)					716.47
Total					5815.94 (Y)
Add for contractor's profit and over-heads @ ICTO					872.39
Cost of 2.16 sqm					6688.33
Cost of 1 sqm					3096.45
Add labour cess @ 1%					30.96
Rate including labour cess					3127.41
				Say Rs.	3127.40 per sqm

9.24 Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) :

9.24.1 Rectangular or square

Details of cost for 1 sqm of door area

0753	Square vision panel in Block board construction flush door	sqm of door area	1.00	130.00	130.00
TOTAL					130.00
Add Water Charges @ 1%					1.30
TOTAL					131.30
Add GST 12% on "X"(multiplying factor 0.1405)					18.45
Total					149.75 (Y)
Add CPOH @ 15%					22.46
Cost of 1 sqm					172.21
labour cess @1%					1.72
Rate including labour cess					173.93
				Say Rs.	173.90 per sqm

9.24 Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) :

9.24.2 Circular

Details of cost for 1 sqm of door area

0754	Circular vision panel in Block board construction flush door	sqm of door area	1.00	135.00	135.00
TOTAL					135.00
Add Water Charges @ 1%					1.35
TOTAL					136.35
Add GST 12% on "X"(multiplying factor 0.1405)					19.16
Total					155.51 (Y)


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				23.33
	Cost of 1 sqm				178.83
	labour coss @1%				1.79
	Rate including labour coss				180.62
		Say Rs.	180.60	per sqm	
9.25	Extra if louvers (not exceeding 0.2 sqm) are provided in flush door shutters (overall area of door shutters to be measured).				
9.25.1	Decorative type door				
	Details of cost for 1 sqm of door area				
0755	Decorative type louvers in Block board construction flush door	sqm of door area	1.00	265.00	265.00
	TOTAL				265.00
	Add Water Charges @ 1%				2.65
	TOTAL				267.65
	Add GST 12% on "X"(multiplying factor 0.1405)				37.60
	Total				305.25 (Y)
	Add CPOH @ 15%				45.79
	Cost of 1 sqm				351.04
	labour coss @1%				3.51
	Rate including labour coss				354.55
		Say Rs.	354.60	per sqm	
9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).				
	Details of cost for 1 sqm of door area				
0757	Rebate cutting in block board construction flush door	sqm of door area	1.00	70.00	70.00
	TOTAL				70.00
	Add Water Charges @ 1%				0.70
	TOTAL				70.70
	Add GST 12% on "X"(multiplying factor 0.1405)				9.93
	Total				80.63 (Y)
	Add CPOH @ 15%				12.10
	Cost of 1 sqm				92.73
	labour coss @1%				0.93
	Rate including labour coss				93.66
		Say Rs.	93.70	per sqm	
9.27	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:				
9.27.1	35 mm thick shutters				
9.27.1.1	With ISI marked M.S. pressed butt hinges bright finished of required size				
9.27.1.1.1	Second class teak wood				
	Details of cost for door shutters 2.00x1.08m =				
	2.16 sqm				
	MATERIAL:				
	Teak wood (2nd class)				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Styles 4x200x9.5x3.5cm =0.0266cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail 2x110.5x 19.7x3.5cm= 0.0152 cum.+				
	Beadings -				
	(2x312+2x150)x(1.2)x(1.2)cm=0.001 cum.				
	Total = 0.0464 cum. +				
	Add for wastage @ 10% = 0.005 cum.= 0.0514 cum.				
	Say 51.4 cum				
1190	Second class teak wood in planks	10 cudm	51.40	791.00	4065.74
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm. Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.05	187.35	9.55
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5811.28
	Add Water Charges @ 1%				58.11
	TOTAL				5869.39
	Add GST 12% on "X"(multiplying factor 0.1405)				824.65
	Total				6694.04 (Y)
	Add CPOH @ 15%				1004.11
	Cost of 2.16 sqm				7698.15
	Cost of 1 sqm				3563.96
	labour cess @1%				35.64
	Rate including labour cess				3599.60
			Say Rs.	3599.60	per sqm

9.27.1.1.2 Kiln seasoned and chemically treated hollock wood

Details of cost for door shutters 2.00x1.08m = 2.16sqm

(i) Hollock wood.

Styles 4x200x9.5x3.5cm = 0.0266cum+

Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+

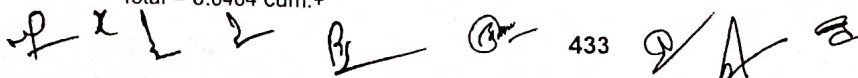
Lock and bottom rail

2x110.5x19.7x3.5cm = 0.0152 cum. +

Beadings

(2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.

Total = 0.0464 cum.+



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add for wastage @ 10% = 0.005 cum. Total = 0.0514 cum. Say 51.4 cudm				
2505	Hollock wood in planks	10 cudm	51.40	402.00	2066.28
2204	Carriage of timber	cum	0.05	187.35	9.63
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
9999	Chemical Treatment Wire gauge 2x160x40cm = 1.28 sqm. +Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm	L.S.	8.97	2.12	19.02
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3870.59
	Add Water Charges @ 1%				38.71
	TOTAL				3909.30
	Add GST 12% on "X"(multiplying factor 0.1405)				549.26
	Total				4458.56 (Y)
	Add CPOH @ 15%				668.78
	Cost of 2.16 sqm				5127.34
	Cost of 1 sqm				2373.77
	labour cess @1%				23.74
	Rate including labour cess				2397.51

Say Rs. 2397.50 per sqm

9.27.1.1.3 Kiln seasoned selected class of shesham wood

Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm

MATERIAL:

Sheesham Wood

Styles 4 x 200 x 9.5x3.5 cm = 0.0266 cum+

Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+

Styles 4x200x9.5x3.5cm = 0.0266cum+

Top Rail - 1 x 110.5x9.5x3.5cm = 0.0036cum+

Lock and bottom rail

2 x 110.5x19.7x3.5 cm = 0.0152 cum. +

Beadings -

(2x312+ 2x 150) x(1.2)x(1.2) cm = 0.001 cum

Total = 0.0464 cum. +

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add for wastage @ 10% = 0.005 cum. =0.0514 cum. say 51.4 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	650.00	3341.00
2204	Carriage of timber	cum	0.05	187.35	9.63
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage@ 10 % = 0.13 sqm Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5126.30
	Add Water Charges @ 1%				51.26
	TOTAL				5177.56
	Add GST 12% on "X"(multiplying factor 0.1405)				727.45
	Total				5905.01 (Y)
	Add CPOH @ 15%				885.75
	Cost of 2.16 sqm				6790.76
	Cost of 1 sqm				3143.87
	labour cess @1%				31.44
	Rate including labour cess				3175.31
				Say Rs.	3175.30 per sqm

9.27.1.2 With ISI marked stainless steel butt hinges of required size

9.27.1.2.1 Second class teak wood

Details of cost for door shutters 2.00x1.08m= 2.16sqm

MATERIAL:

Second class Teak wood

Styles 4x200x9.5x3.5cm = 0.0266cum+

Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+

Lock and bottom rail

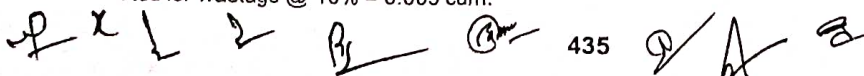
2x110.5x19.7x3.5cm = 0.0152 cum.+

Beadings -

(2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.

Total = 0.0464 cum.+

Add for wastage @ 10% = 0.005 cum.



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total = 0.0514 cum. Say 51.4 cumd				
1190	Second class teak wood in planks Wire gauge 2x160x40cm = 1.28 sqm. + Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm	10 cumd	51.40	791.00	4065.74
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
2204	Carriage of timber	cum	0.05	187.35	9.63
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				6048.96
	Add Water Charges @ 1%				60.49
	TOTAL				6109.45
	Add GST 12% on "X"(multiplying factor 0.1405)				858.38
	Total				6967.82 (Y)
	Add CPOH @ 15%				916.42
	Cost of 2.16 sqm				14852.06
	Cost of 1 sqm				6875.95
	labour cess @1%				68.76
	Rate including labour cess				6944.71

Say Rs. 6944.70 per sqm

9.27.1.2.2 Kiln seasoned and chemically treated hollock wood

Details of cost for door shutters 2.00x1.08m=
2.16sqm

MATERIAL:

Hollock wood

Styles 4x200x9.5x3.5cm = 0.0266cum +

Top Rail - 1x1 10.5x9.5x3.5cm = 0.0036cum+

Lock and bottom rail

2x110.5x19.7x3.5cm = 0.0152 cum. +

Beadings -

(2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.

Total = 0.0464 cum. +

Add for wastage @ 10% = 0.005 cum.

Total = 0.0514 cum. Say 51.4 cumd

2505	Hollock wood in planks	10 cumd	51.40	402.00	2066.28
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
9999	Chemical treatment	L.S.	8.97	2 12	19.02
	Wire gauge 2x160x40cm = 1.28 sqm. + Add wastage @ 10% = 0.13 sqm.				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
2204	Carriage of timber	cum	0.05	187.35	9.55
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				4108.12
	Add Water Charges @ 1%				41.08
	TOTAL				4149.20
	Add GST 12% on "X"(multiplying factor 0.1405)				582.96
	Total				4732.16 (Y)
	Add CPDH @ 15%				709.82
	Cost of 2.16 sqm				5441.99
	Cost of 1 sqm				2519.44
	labour cess @1%				25.19
	Rate including labour cess				2544.63
	Say Rs.		2544.60	per sqm	

9.27.1.2.3 Kiln seasoned selected class of sheesham wood

Details of cost for door shutters 2.00 x

1.08 m = 2.16 sqm

MATERIAL:

Sheesham wood

Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum +

Top Rail - 1x110.5x9.5x3.5cm = 0.0036 cum +

Lock and bottom rail

2 x 110.5x19.7x3.5 cm = 0.0152 cum.

Beadings -

(2x312+2x 150) x(1.2)x(1.2) cm = 0.001 cum

Total = 0.0464 cum. +

Add for wastage @ 10% = 0.005cum.

0.0514 cum.say 51.4 cudm

1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	650.00	3341.00
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm				


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
2204	Carriage of timber	cum	0.05	187.35	9.63
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5363.90
	Add Water Charges @ 1%				53.64
	TOTAL				5417.54
	Add GST 12% on "X"(multiplying factor 0.1405)				761.16
	Total				6178.70 (Y)
	Add CPOH @ 15%				926.80
	Cost of 2.16 sqm				7105.50
	Cost of 1 sqm				3289.59
	labour cess @1%				32.90
	Rate including labour cess				3322.48
				Say Rs.	3322.50 per sqm
9.27.2	30 mm thick shutters				
9.27.2.1	With ISI marked M.S. pressed butt hinges bright finished of required size				
9.27.2.1.1	Second class teak wood				
	Details of cost for door shutters 2.00x1.08m = 2.16sqm				
	MATERIAL:				
	Teak wood (2nd class)				
	Styles 4x209x9.5x3cm= 0.023 cum +				
	Top Rail - 1x110.5x9.5x3cm = 0.003cum+				
	Lock and bottom rail 2x110.5x19.7x3cm = 0.013 cum+				
	Beadings -(2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.040cum +				
	Add for wastage @ 10% = 0.004 cum.				
	Total = 0.44cum. Say 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	791.00	3480.40
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire gauge 2x160x40cm = 1.28 sqm.+ Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5129.60
	Add Water Charges @ 1%				51.30
	TOTAL				5180.90
	Add GST 12% on "X"(multiplying factor 0.1405)				727.92
	Total				5908.81 (Y)
	Add CPOH ₁ @ 15%				886.32
	Cost of 2.16 sqm				6795.13
	Cost of 1 sqm				3145.89
	labour cess @1%				31.46
	Rate including labour cess				3177.35

Say Rs. 3177.40 per sqm

9.27.2 30 mm thick shutters

9.27.2.1 With ISI marked M.S. pressed butt hinges, bright finished of required size

9.27.2.1.2 Kiln seasoned and chemically treated hollock wood

Details of cost for door shutters 2.00 x 1.08 m =

2.16 sqm

MATERIAL:

Hollock wood

Styles 4x209x9.5x3cm = 0.023 cum +

Top Rail - 1x110.5x9.5x3cm = 0.003cum+

Lock and bottom rail

2x110.5x19.7x3cm = 0.013 cum+

Beadings -

(2x312+2x150)x(1.2)x(1.2)cm=0.001 cum.

Total = 0.040 cum+

Add for wastage @ 10% = 0.004 cum.

Total = 0.44 cum. Say 44 cudm

2505	Hollock wood in planks	10 cudm	44.00	402.00	1768.80
2204	Carriage of timber	cum	0.04	187.35	8.24
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
9999	Chemical treatment	L.S.	9.10	2.12	19.29
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80

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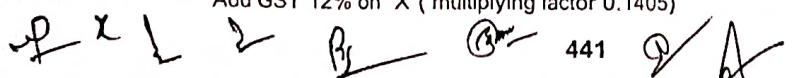
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3471.26
	Add Water Charges @ 1%				34.71
	TOTAL				3505.97
	Add GST 12% on "X" (multiplying factor 0.1405)				492.59
	Total				3998.56 (Y)
	Add CPOH @ 15%				599.78
	Cost of 2.16 sqm				4598.35
	Cost of 1 sqm				2128.86
	labour cess @1%				21.29
	Rate including labour cess				2150.15
		Say Rs.	2150.20	per sqm	
	Kiln seasoned selected class of sheesham				
9.27.2.1.3	wood				
	Details of cost for door shutters 2.00x				
	1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013 um.+				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004cum.				
	= 0.44 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	650.00	2860.00
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	49.00	23.52
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				4537.89
	Add Water Charges @ 1%				45.38
	TOTAL				4583.27
	Add GST 12% on "X"(multiplying factor 0.1405)				643.95
	Total				5227.22 (Y)
	Add CPOH @ 15%				784.08
	Cost of 2.16 sqm				6011.30
	Cost of 1 sqm				2783.01
	labour cess @1%				27.83
	Rate including labour cess				2810.84
				Say Rs. 2810.80 per sqm	
9.27.2.2 With ISI marked stainless steel butt hinges of required size					
9.27.2.2.1 Second class teak wood					
Details of cost for door shutters 2.00x 1.08m=2.16sqm					
MATERIAL:					
Teak wood (2nd class)					
Styles 4x209x9.5x3cm = 0.023 cum+					
Top Rail - 1x110.5x9.5x3cm = 0.003cum+					
Lock and bottom rail 2x110.5x19.7x3cm = 0.013 cum +					
Beadings - (2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.					
Total = 0.040cum+					
Add for wastage @ 10% = 0.004 cum.					
Total = 0.044 cum. Say 44 cudm					
1190	Second class teak wood in planks	10 cudm	44.00	791.00	3480.40
2204	Carriage of timber	cum	0.04	187.35	8.24
Wire gauge 2x160x40cm = 1.28 sqm.+					
Add wastage @ 10% = 0.13 sqm.					
Total= 1.41 sqm					
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
LABOUR:					
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5367.20
	Add Water Charges @ 1%				53.67
	TOTAL				5420.87
	Add GST 12% on "X"(multiplying factor 0.1405)				761.63


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				6182.50 (Y)
	Add CPOH @ 15%				927.38
	Cost of 2.16 sqm				7109.88
	Cost of 1 sqm				3291.61
	labour cess @1%				32.92
	Rate including labour cess				3324.53
		Say Rs.	3324.50	per sqm	
9.27.2.2.2 Kiln seasoned and chemically treated hollock wood					
	Details of cost for door shutters 2.00x 1.08m=2.16sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4x209x9.5x3cm = 0.023 cum +				
	Top Rail - 1x110.5x9.5x3cm = 0.003cum+				
	Lock and bottom rail				
	2x110.5x19.7x3cm = 0.013 cum+				
	Beadings -				
	2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.040 cum+				
	Add for wastage @ 10% = 0.004 cum.				
	Total= 0.044 cum. Say 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	402.00	1768.80
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
9999	Chemical treatment	L.S.	8.97	2.12	19.02
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire gauge 2x160x40cm = 1.28 sqm.				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3708.58
	Add Water Charges @ 1%				37.09
	TOTAL				3745.67
	Add GST 12% on "X"(multiplying factor 0.1405)				526.27
	Total				4271.94 (Y)
	Add CPOH @ 15%				640.79
	Cost of 2.16 sqm				4912.73
	Cost of 1 sqm				2274.41

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				22.74
	Rate including labour cess				2297.15
		Say Rs.	2297.20	per sqm	
9.27.2.2.3 Kiln seasoned selected class of sheesham wood					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013 cum.+				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004 cum.				
	= 0.044 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	650.00	2860.00
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	250.00	352.50
8220	Stainless steel butt hinges (heavy weight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				4780.77
	Add Water Charges @ 1%				47.81
	TOTAL				4828.58
	Add GST 12% on "X"(multiplying factor 0.1405)				678.41
	Total				5506.99 (Y)
	Add CPOH @ 15%				826.05
	Cost of 2.16 sqm				6333.04
	Cost of 1 sqm				2931.96
	labour cess @1%				29.32
	Rate including labour cess				2961.28
		Say Rs.	2961.30	per sqm	


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.31	Providing and fixing wire gauge laminated veneer lumber shutters conforming to IS : 14616, and as per TADS 15 :2001 (Part B) using galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm as per IS :1568 for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, as per directions of Engineer-in-charge:				
9.31.1	35 mm thick shutters				
	Details of cost for one shutter 220x108cm = 2.38sqm				
	MATERIAL:				
7154	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm	sqm	2.38	1620.00	3855.60
9999	Carriage of door	L.S.	29.64	2.12	62.84
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	49.00	23.52
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
	TOTAL				4454.10
	Add Water Charges @ 1%				44.54
	TOTAL				4498.64
	Add GST 12% on "X" (multiplying factor 0.1405)				632.06
	Total				5130.70 (Y)
	Add CPOH @ 15%				769.61
	Cost of 2.38 sqm				5900.31
	Cost of 1 sqm				2479.12
	labour cess @1%				24.79
	Rate including labour cess				2503.91
			Say Rs.	2503.90	per sqm

9.31.2 30 mm thick shutters

Details of cost for one shutter 220x108cm = 2.38sqm

MATERIAL:

7155	Factory made 30 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm	sqm	2.38	1430.00	3403.40
9999	Carriage of shutters	L.S.	29.64	2.12	62.84
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	49.00	23.52
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	0.52	369.00	191.88
0114	Beldar	day	0.60	306.00	183.60
9999	Sundries	L.S.	35.88	2.12	76.07
TOTAL					4001.90
Add Water Charges @ 1%					40.02
TOTAL					4041.92
Add GST 12% on "X"(multiplying factor 0.1405)					567.89
Total					4609.81 (Y)
Add CPOH @ 15%					691.47
Cost of 2.38 sqm					5301.28
Cost of 1 sqm					2227.43
labour cess @1%					22.27
Rate including labour cess					2249.70
Say Rs. 2249.70 per sqm					
9.32	Providing 50x50x50 mm 2nd class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement : 3 fine sand) and making good the walls etc.				
Details of cost for 100nos					
MATERIAL:					
Teak wood (2nd class) 100x(50x50x50)mm=					
0.0125cum					
Add wastage @ 10% = 0.0013 cum.					
Total =0.0138 cum. Say 14 cudm					
1189	Second class teak wood in scantling	10 cudm	14.00	776.00	1086.40
2204	Carriage of timber	cum	0.01	187.35	2.62
Cement mortar 1:3(1 cement: 3 fine sand)					
2112	Rate as per Item Number 2112 of SH: Mortars	cum	0.00	2877.44	5.75
LABOUR:					
0112	Carpenter 2nd class	day	0.75	369.00	276.75
0124	Mason (brick layer) 2nd class	day	0.75	369.00	276.75
0114	Beldar	day	0.75	306.00	229.50
TOTAL					1877.78
Add Water Charges @ 1%					18.78
TOTAL					1896.56
Add GST 12% on "X"(multiplying factor 0.1405)					266.47
Total					2163.02 (Y)
Add CPOH @ 15%					324.45
Cost of 100 nos					2487.47
Cost of each					24.87
labour cess @1%					0.25
Rate including labour cess					25.12
Say Rs. 25.10 Each					

Handwritten marks: a checkmark, a large 'L', and a '2'.

Handwritten signature: 'B'.

Handwritten mark: a circle with a dot inside.

445

Handwritten mark: a checkmark.

Say Rs. 25.10 Each

Handwritten signature: 'A'.

Handwritten mark: a checkmark.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.33	Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work / C.C / R.C.C. and making good etc. complete.				
9.33.1	25 mm long				
	Details of cost for 10 nos.				
	MATERIAL:				
7312	Expandable fastener with plastic sleeve and M.S. screws : 25 mm long	each	10.00	10.00	100.00
9999	Labour for drilling holes and making good etc.	L.S.	20.80	2.12	44.10
	TOTAL				144.10
	Add Water Charges @ 1%				1.44
	TOTAL				145.54
	Add GST 12% on "X"(multiplying factor 0.1405)				20.45
	Total				165.98 (Y)
	Add CPOH @ 15%				24.90
	Cost of 10 nos				190.88
	Cost of each				19.09
	labour cess @1%				0.19
	Rate including labour cess				19.28
		Say Rs.	19.30	Each	
9.33.2	32 mm long				
	Details of cost for 10 nos.				
	MATERIAL:				
7313	Expandable fastener with plastic sleeve and M.S. screws : 32 mm long	each	10.00	10.00	100.00
9999	Labour for drilling holes and making good etc.	L.S.	26.00	2.12	55.12
	TOTAL				155.12
	Add Water Charges @ 1%				1.55
	TOTAL				156.67
	Add GST 12% on "X"(multiplying factor 0.1405)				22.01
	Total				178.68 (Y)
	Add CPOH @ 15%				26.80
	Cost of 10 nos				205.49
	Cost of each				20.55
	labour cess @1%				0.21
	Rate including labour cess				20.75
		Say Rs.	20.80	Each	
9.33.3	40 mm long				
	Details of cost for 10 nos.				
	MATERIAL:				
7314	Expandable fastener with plastic sleeve and M.S. screws : 40 mm long	each	10.00	13.00	130.00
9999	Labour for drilling holes and making good etc.	L.S.	26.00	2.12	55.12
	TOTAL				185.12
	Add Water Charges @ 1%				1.85
	TOTAL				186.97
	Add GST 12% on "X"(multiplying factor 0.1405)				26.27
	Total				213.24 (Y)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				31.99
	Cost of 10 nos				245.23
	Cost of each				24.52
	labour cess @1%				0.25
	Rate including labour cess				24.77
		Say Rs.	24.80	Each	
9.33.4	50 mm long				
	Details of cost for 10 nos.				
	MATERIAL:				
7315	Expandable fastener with plastic sleeve and M.S. screws. 50 mm long	each	10.00	14.00	140.00
9999	Labour for drilling holes and making good etc.	L.S.	26.00	2.12	55.12
	TOTAL				195.12
	Add Water Charges @ 1%				1.95
	TOTAL				197.07
	Add GST 12% on "X"(multiplying factor 0.1405)				27.69
	Total				224.76 (Y)
	Add CPOH @ 15%				33.71
	Cost of 10 nos				258.47
	Cost of each				25.85
	labour cess @1%				0.26
	Rate including labour cess				26.11
		Say Rs.	26.10	Each	
9.34	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.				
9.34.1	40 mm thick				
	Details of cost for 10 sqm.				
	MATERIAL:				
	Teak wood (2nd class) 10x0.04m=0.40 cum				
	Add wastage @ 10% = 0.04 cum.				
	Total = 0.44 cum. Say 440 cudm				
1190	Second class teak wood in planks	10 cudm	440.00	791.00	34804.00
1231	Extra for selected planks of second class teakwood	10 cudm	440.00	150.00	6600.00
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work				
9.32	Priming coat	each	55.00	24.87	1368.11 A
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	39.32	393.15 A
2204	Carriage of timber	cum	0.44	187.35	82.43
	LABOUR:				
	For planning and fixing				
0111	Carpenter 1 st class	day	2.15	413.00	887.95
0114	Beldar	day	1.62	306.00	495.72
9999	Sundries & screws etc.	L.S.	53.82	2.12	114.10
	TOTAL				44745.47
	Add Water Charges @ 1% except on A i.e on (44745.47 - 1761.26=)				429.84

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				45175.31 (X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				6099.67
	Total				51274.98 (Y)
	Add CPOH @ 15% except on A i.e on (51274.98 - 1761.26=)				7427.06
	Cost of 10 sqm				58702.04
	Cost of 1 sqm				5870.20
	labour cess @1%				58.70
	Rate including labour cess				5928.91
		Say Rs.	5928.90	per sqm	
9.34.2	25 mm thick				
	Details of cost for 10 sqm.				
	MATERIAL:				
	Teak wood 2nd class 10x0.025 = 0.25cum+				
	Add wastage @ 10% = 0.025 cum.				
	Total = 0.275 cum.				
	Say 275 cudm				
1190	Second class teak wood in planks	10 cudm	275.00	791.00	21752.50
1231	Extra for selected planks of second class teakwood	10 cudm	275.00	150.00	4125.00
2204	Carriage of timber	cum	0.275	187.35	51.52
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	24.87	1368.11 A
9.32	<u>Priming coat</u>				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR.	sqm	10.00	39.32	393.15 A
0111	Carpenter 1 st class	day	2.15	413.00	887.95
0114	Beldar	day	1.62	306.00	495.72
9999	Sundries & screws etc.	L.S.	53.82	2.12	114.10
	TOTAL				29188.05
	Add Water Charges @ 1% except on A i.e on (29188.05 - 1761.26=)				274.27
	TOTAL				29462.32
	Add GST 12% on "X" except A(multiplying factor 0.1405)				3892.00
	Total				33354.32 (Y)
	Add CPOH @ 15% except on A i.e on (33354.32 - 1761.26=)				4738.96
	Cost of 10 sqm				38093.28
	Cost of 1 sqm				3809.33
	labour cess @1%				38.09
	Rate including labour cess				3847.42
		Say Rs.	3847.40	per sqm	
9.34.3	20 mm thick				
	Details of cost for 10 sqm.				
	MATERIAL:				
	Teak wood (2nd class) 10x0.02m = 0.20 cum				

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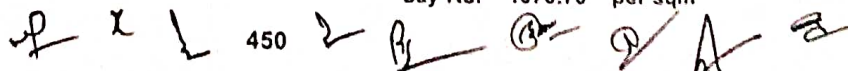
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add wastage @ 10% = 0.02 cum. Total = 0.22 cum. Say 220 cum				
1190	Second class teak wood in planks	10 cum	220.00	791.00	17402.00
1231	Extra for selected planks of second class teakwood	10 cum	220.00	150.00	3300.00
2204	Carriage of timber	cum	0.22	187.35	41.22
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work Priming coat	each	55.00	24.87	1368.11 A
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR:	sqm	10.00	39.32	393.15 A
0111	Carpenter 1 st class	day	1.08	413.00	446.04
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.08	306.00	330.48
9999	Sundries & screws etc.	L.S.	53.82	2.12	114.10
	TOTAL				23690.30
	Add Water Charges @ 1% except on A i.e on (23690.2999557048 - 1761.26455570481=)				219.29
	TOTAL				23909.59
	Add GST 12% on "X" except A(multiplying factor 0.1405)				3111.84
	Total				27021.43 (Y)
	Add CPOH @ 15% except on A i.e on (27021.43 - 1761.26=)				3789.02
	Cost of 10 sqm				30810.45
	Cost of 1 sqm				3081.05
	labour cess @1%				30.81
	Rate including labour cess				3111.86
		Say Rs.	3111.90	per sqm	
9.34.4	12 mm thick Details of cost for 10 sqm. Wood: Second class teak wood 10x0.012 = 0.12 cum Add wastage @ 10% = 0.012 cum Total = 0.132 cum. Say 132 cum				
1190	Second class teak wood in planks	10 cum	132.00	791.00	10441.20
1231	Extra for selected planks of second class teakwood	10 cum	132.00	150.00	1980.00
2204	Carriage of timber	cum	0.13	187.35	24.73
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work LABOUR:	each	55.00	24.87	1368.11 A
0111	Carpenter 1 st class	day	1.08	413.00	446.04
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.08	306.00	330.48
	Priming coat				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	39.32	393.15 A
9999	Sundries & screws etc.	L.S.	53.82	2.12	114.10


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				15393.01
	Add Water Charges @ 1% except on A i.e on (15393.01 - 1761.26=)				136.32
	TOTAL				15529.33
	Add GST 12% on "X" except A(multiplying factor 0.1405)				1934.41
	Total				17463.74 (Y)
	Add CPOH @ 15% except on A i.e on (17463.74 - 1761.26=)				2355.37
	Cost of 10 sqm				19819.12
	Cost of 1 sqm				1981.91
	labour cess @1%				19.82
	Rate including labour cess				2001.73
				Say Rs. 2001.70 per sqm	
9.35	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete :				
9.35.1	12 mm thick Details of cost for 10 sqm. MATERIAL: Particle board (three layer medium density) 12mm thick = 10 sqm.+ Add wastage @ 10% = 1 sqm. Total = 11 sqm				
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	11.00	500.00	5500.00
9999	Carriage of particle board	L.S.	13.52	2.12	28.66
9999	Sundries & screws etc.	L.S.	26.91	2.12	57.05
	<u>Priming coat</u>				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR:	sqm	10.00	39.32	393.15 A
0112	Carpenter 2nd class	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				8098.76
	Add Water Charges @ 1% except on A i.e on (8098.7649780636 - 393.1533780636=)				77.06
	TOTAL				8175.82
	Add GST 12% on "X" Except "A"(multiplying factor 0.1405)				1093.46
	Total				9269.29 (Y)
	Add CPOH @ 15% except on A i.e on (9269.2859081616 - 393.1533780636=)				1331.42
	Cost of 10 sqm				10600.71
	Cost of 1 sqm				1060.07
	labour cess @1%				10.60
	Rate including labour cess				1070.67
				Say Rs. 1070.70 per sqm	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.35.2	18 mm thick Details of cost for 10 sqm. MATERIAL: Particle board (three layer medium density) 18 mm thick = 10 sqm.+ Add wastage @ 10% = 1 sqm. Total = 11 sqm				
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	11.00	560.00	6160.00
9999	Carriage of particle board	L.S.	13.52	2.12	28.66
9999	Sundries & screws etc. Priming coat	L.S.	26.91	2.12	57.05
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR:	sqm	10.00	39.32	393.15 A
0112	Carpenter 2nd class	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				8758.76
	Add Water Charges @ 1% except on A i.e on (8758.7649780636 - 393.1533780636=)				83.66
	TOTAL				8842.42
	Add GST 12% on "X"(multiplying factor 0.1405)				1187.12
	Total				10029.54 (Y)
	Add CPOH @ 15% except on A i.e on (10029.5432081616 - 393.1533780636=)				1445.46
	Cost of 10 sqm				11475.00
	Cost of 1 sqm				1147.50
	labour cess @1%				11.48
	Rate including labour cess				1158.98
		Say Rs.	1159.00	per sqm	
9.35.3	25 mm thick Details of cost for 10 sqm. MATERIAL: Particle board (three layer medium density) 25 mm thick = 10 sqm.+ Add wastage @ 10% = 1 sqm. Total = 11 sqm				
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	11.00	850.00	9350.00
9999	Carriage of particle board	L.S.	13.52	2.12	28.66
9999	Sundries & screws etc. Priming coat	L.S.	26.91	2.12	57.05
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing LABOUR:	sqm	10.00	39.32	393.15 A
0112	Carpenter 2nd class	day	1.28	369.00	472.32


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A
B

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				11948.76
	Add Water Charges @ 1% except on A i.e on (11948.7649780636 - 393.1533780636=)				115.56
	TOTAL				12064.32
	Add GST 12% on "X" Except "A"(multiplying factor 0.1405)				1639.80
	Total				13704.12 (Y)
	Add CPOH @ 15% except on A i.e on (12064.3210940636 - 393.1533780636=)				1996.65
	Cost of 10 sqm				15700.77
	Cost of 1 sqm				1570.08
	labour cess @1%				15.70
	Rate including labour cess				1585.78
			Say Rs.	1585.80	per sqm

9.36 Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.

9.36.1 Kiln seasoned and chemically treated hollock wood

Details of cost for 5 no. battens of size
500cmx50mmx 25mm (31.25 cudm)

MATERIAL:

Hollock wood -

5x5.00x0.50x0.025 = 0.03125 cum

Add wastage @ 5% = 0.00156 cum

Total = 0.03281 cum.

Say 33 cudm

2505	Hollock wood in planks	10 cudm	33.00	402.00	1326.60
2204	Carriage of timber	cum	0.03	187.35	6.18
	LABOUR:				
0111	Carpenter 1 st class	day	1.00	413.00	413.00
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	6.76	2.12	14.33
	Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	3.75	39.32	147.43 A
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
9999	Labour for drilling holes steel tape sundries	L.S.	71.50	2.12	151.58

TOTAL

3345.63

Add Water Charges @ 1% except on A i.e on
(3345.62626677385 - 147.43251677385=)

31.98

TOTAL

3377.61

Add GST 12% on "X" except "A"(multiplying factor
0.1405)

453.84

Total

3831.45 (Y)

Add CPOH @ 15% except on A i.e on

(3831.4478883676 - 147.43251677385=)

552.60

Cost of 0.03125 cum

4384.05

Cost of 1 cum

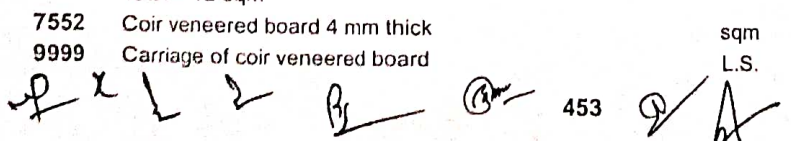
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				1402.90
	Rate including labour cess				141692.50
				Say Rs. 141692.50 per cum	
9.37	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with :				
9.37.1	Decorative veneer facings of approved manufacture				
	Details of cost for 10 sqm.				
	MATERIAL:				
	Teak ply wood = 10sqm. +				
	Add for wastage @ 20% = 2 sqm.				
	Total = 12 sqm				
0759	Decorative plywood 4 mm	sqm	12.00	320.00	3840.00
9999	Carriage of ply wood	L.S.	5.46	2.12	11.58
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work				
9.32	work	each	55.00	24.87	1368.11 A
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	413.00	1569.40
0114	Beldar	day	4.60	306.00	1407.60
0130	Mistry	day	0.60	306.00	183.60
9999	20mm nails without head for fixing ply	L.S.	53.82	2.12	114.10
	Painting with ready mixed priming coat				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	39.32	393.15 A
	TOTAL				8887.54
	Add Water Charges @ 1% except on A i.e on (8887.53815570481 - 1761.26455570481=)				71.26
	TOTAL				8958.80
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1011.25
	Total				9970.05 (Y)
	Add CPOH @ 15% except on A i.e on (9970.05474691281 - 1761.26455570481=)				1079.63
	Cost of 10 sqm				11049.69
	Cost of 1 sqm				1104.97
	labour cess @1%				11.05
	Rate including labour cess				1116.02
				Say Rs. 1116.00 per sqm	
9.38	Providing and fixing 4 mm thick coir veneer board, ISI marked IS : 14842, plain lining with necessary screws, priming coat on unexposed surface etc., complete.				
	Details of cost for 10 sqm.				
	MATERIAL:				
	Coir veneered board 4mm thick = 10sqm.+				
	Add for wastage @ 20% = 2 sqm.				
	Total = 12 sqm				
7552	Coir veneered board 4 mm thick	sqm	12.00	260.00	3120.00
9999	Carriage of coir veneered board	L.S.	5.46	2.12	11.58

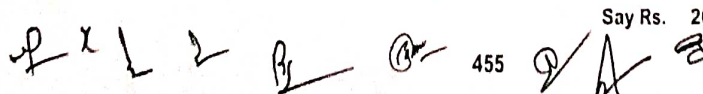
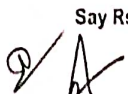

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand) Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	24.87	1368.11 A
9.32	LABOUR:				
0111	Carpenter 1 st class	day	3.80	413.00	1569.40
0114	Beldar	day	4.60	306.00	1407.60
0130	Mistry	day	0.60	306.00	183.60
9999	20mm nails without head for fixing ply	L.S.	53.82	2.12	114.10
	Priming coat Painting with ready mixed priming coat				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	39.32	393.15 A
	TOTAL				8167.54
	Add Water Charges @ 1% except on A i.e on (8167.53815570481 - 1761.26455570481=)				64.06
	TOTAL				8231.60
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				948.29
	Total				9179.89 (Y)
	Add CPOH @ 15% except on A i.e on (8231.60089170481 - 1761.26455570481=)				1112.79
	Cost of 10 sqm				10292.68
	Cost of 1 sqm				1029.27
	labour cess @1%				10.29
	Rate including labour cess				1039.56
	Say Rs. 1039.60 per sqm				
9.39	Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete :				
9.39.1	18 mm thick Details of cost for skirting 200mm wide and 30m long Area = 0.2x30= 6 sqm MATERIAL: Teak shade prelaminated Particle board (three layer medium density) = 6.0 sqm.+ Add wastage @ 10% =0.6sqm. Total = 6.6 sqm				
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	6.60	560.00	3696.00
9999	Carriage of particle board	L.S.	8.11	2.12	17.19
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	22.00	2244.00
9999	Labour for drilling holes	L.S.	130.00	2.12	275.60
	LABOUR:				
0112	Carpenter 2nd class	day	0.77	369.00	284.13
0114	Beldar	day	0.86	306.00	263.16
9999	Sundries (Screws, sand paper)	L.S.	53.82	2.12	114.10
	Priming coat Painting with ready mixed priming coat				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	6.00	39.32	235.89 A
	TOTAL				7130.07
	Add Water Charges @ 1% except on A i.e on (7130.07362683816 - 235.89202683816=)				68.94
	TOTAL				7199.02
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				978.32
	Total				8177.33 (Y)
	Add CPOH @ 15% except on A i.e on (7199.01544283816 - 235.89202683816=)				1191.22
	Cost of 6 sqm				9368.55
	Cost of 1 sqm				1561.43
	labour cess @1%				15.61
	Rate including labour cess				1577.04
	Say Rs. 1577.00 per sqm				
9.39.2	25 mm thick				
	Details of cost for skirting 200mm wide and 30m long Area = 0.2x30= 6 sqm				
	MATERIAL:				
	Teak shade pre-laminated Particle board (three layer medium density) = 6.0 sqm.+ Add wastage @ 10% =0.6sqm. Total = 6.6 sqm				
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	6.60	850.00	5610.00
9999	Carriage of particle board	L.S.	8.11	2.12	17.19
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	22.00	2244.00
9999	Labour for drilling holes	L.S.	130.00	2.12	275.60
	LABOUR:				
	For dressing and fixing particle board to skirting				
0112	Carpenter 2nd class	day	0.77	369.00	284.13
0114	Beldar	day	0.86	306.00	263.16
9999	Sundries (Screws, sand paper)	L.S.	53.82	2.12	114.10
	Painting with ready mixed priming coat at back				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	6.00	39.32	235.89 A
	TOTAL				9044.07
	Add Water Charges @ 1% except on A i.e on (9044.07362683816 - 235.89202683816=)				88.08
	TOTAL				9132.16
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1267.04
	Total				10399.19 (Y)
	Add CPOH @ 15% except on A i.e on (9132.15544283816 - 235.89202683816=)				1524.50
	Cost of 6 sqm				11923.69
	Cost of 1 sqm				1987.28
	labour cess @1%				19.87
	Rate including labour cess				2007.15
	Say Rs. 2007.20 per sqm				


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.40	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete:				
9.40.1	2nd class teak wood				
9.40.1.1	50x12 mm Details of cost for beading for a window of size 140 x 110cm i.e. 500cm long (5 metre) MATERIAL: Teak wood IInd class in planks 500x5x1.2cm = 0.003cum+ Add for wastage @ 10% = 0.0003 cum. Total = 0.0033 cum. Say 3.3 cumd				
1190	Second class teak wood in planks	10 cumd	3.30	791.00	261.03
2204	Carriage of timber	cum	0.0033	187.35	0.62
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	36.00	60.00	21.60
	Painting with priming coat Area = 500(5+1.2+1.2) = 0.37 sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR: For plaining, fixing and making design	sqm	0.37	39.32	14.55 A
0111	Carpenter 1 st class	day	0.53	413.00	218.89
	TOTAL				516.68
	Add Water Charges @ 1% except on A i.e on (516.684929988353 - 14.5466749883532=)				5.02
	TOTAL				521.71
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				71.26
	Total				592.96 (Y)
	Add CPOH @ 15% except on A i.e on (521.706312538353 - 14.5466749883532=)				86.76
	Cost of 5 metre				679.72
	Cost of 1 metre				135.94
	labour cess @1%				1.36
	Rate including labour cess				137.30
			Say Rs. -	137.30	per metre

9.40.1.2 50 x 20 mm

Details of cost for beading for a window of size 140 x 110cm i.e. 500cm long (5 metre)

MATERIAL:

Teak wood IInd class in planks

500x5x 2.0cm=0.005cum

Add for wastage @ 10% = 0.0005cum

Total=0.0055cum.

Say 5.5 cumd

1190 Second class teak wood in planks

10 cumd

5.50

791.00

435.05

2204 Carriage of timber

cum

0.0055

187.35

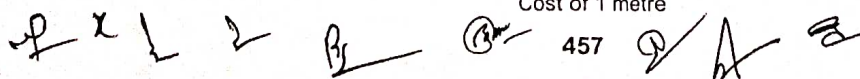
1.03

0637 Bright finished or black enameled mild steel

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	screws 40 mm	100 Nos	36.00	60.00	21.60
	Painting with priming coat Area = $500(5+2+2) = 0.45$ sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing LABOUR:	sqm	0.45	39.32	17.69 A
	For planing, fixing and making design				
0111	Carpenter 1 st class	day	0.53	413.00	218.89
	TOTAL				694.26
	Add Water Charges @ 1% except on A i.e on (694.262327012862 - 17.691902012862=)				6.77
	TOTAL				701.03
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				96.01
	Total				797.04 (Y)
	Add CPOH @ 15% except on A i.e on (701.028031262862 - 17.691902012862=)				116.90
	Cost of 5 metre				913.94
	Cost of 1 metre				182.79
	labour cess @1%				1.83
	Rate including labour cess				184.62
		Say Rs.	184.60	per metre	
9.40.2	Kiln seasoned and chemically treated hollock wood				
9.40.2.1	50x12 mm				
	Details of cost for beading for a window of size 140x110cm i.e. 500cm long (5 metre)				
	MATERIAL:				
	Hollock wood 500x5x1.2cm = 0.003 cum+				
	Add for wastage @ 10% = 0.0003 cum.				
	Total = 0.0033 cum. Say 3.3 cudm				
2505	Hollock wood in planks	10 cudm	3.30	402.00	132.66
2204	Carriage of timber	cum	0.0033	187.35	0.62
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	36.00	60.00	21.60
	Painting with priming coat Area = $500(5+1.2+1.2) = 0.37$ sqm				
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing LABOUR:	sqm	0.37	39.32	14.55 A
	For planing, fixing and making design				
0111	Carpenter 1 st class	day	0.53	413.00	218.89
	TOTAL				388.31
	Add Water Charges @ 1% except on A i.e on (388.314929988353 - 14.5466749883532=)				3.74
	TOTAL				392.05
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				53.04
	Total				445.09 (Y)
	Add CPOH @ 15% except on A i.e on (392.052612538353 - 14.5466749883532=)				64.58
	Cost of 5 metre				509.67
	Cost of 1 metre				101.93

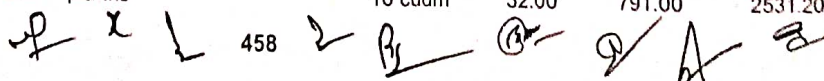


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				1.02
	Rate including labour cess				102.95
		Say Rs.	103.00	per metre	
9.40.2.2	50x20 mm				
	Details of cost for beading for a window of size 140 x 110cm i.e. 500cm long (5 metre)				
	MATERIAL:				
	Hollock wood 500x5x200cm = 0.005 cum+				
	Add for wastage @ 10% = 0.0005 cum.				
	Total = 0.0055 cum. Say 5.5 cudm				
2505	Hollock wood in planks	10 cudm	5.50	402.00	221.10
2204	Carrange of timber	cum	0.0055	187.35	1.03
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	36.00	60.00	21.60
	Painting with priming coat				
	Area = 500(5+2+2) = 0.45 sqm				
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing LABOUR:	sqm	0.45	39.32	17.69 A
	For planing, fixing and making design				
0111	Carpenter 1 st class	day	0.53	413.00	218.89
	TOTAL				480.31
	Add Water Charges @ 1% except on A i.e on (480.312327012862 - 17.691902012862=)				
					4.63
	TOTAL				484.94
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				
					65.65
	Total				550.59 (Y)
	Add CPOH @ 15% except on A i.e on (484.938531262862 - 17.691902012862=)				
					79.93
					630.52
					126.10
					labour cess @1%
					1.26
	Rate including labour cess				127.37
		Say Rs.	127.40	per metre	
9.41	Providing and fixing plain jafari of 35x10 mm laths placed 35 mm apart (frames to be paid separately),including fixing 50x12 mm beading complete with :				
9.41.1	Second class teak wood				
	Details of cost for a jaffri 200x110cm = 2.2sqm				
	MATERIAL:				
	Teakwood IInd class Jaffri				
	210x120x1.0cm = 0.025cum +				
	Beading 660x5x1.2cm = 0.004cum				
	Total = 0.029 cum+				
	Add wastage @ 10% = 0.003 cum				
	Total = 0.032 cum. Say 32 cudm				
1190	Second class teak wood in planks	10 cudm	32.00	791.00	2531.20

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
2204	Carnage of timber	cum	0.0320	187.35	6.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.75	413.00	309.75
0112	Carpenter 2nd class	day	1.00	369.00	369.00
0114	Beldar	day	0.50	306.00	153.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3471.20
	Add Water Charges @ 1%				34.71
	TOTAL				3505.91 (X)
	Add GST 12% on "X" except (multiplying factor 0.1405)				492.58
	Total				3998.49 (Y)
	Add CPOH @ 15%				599.77
	Cost of 2.2 sqm				4598.27
	Cost of 1 sqm				2090.12
	labour cess @1%				20.90
	Rate including labour cess				2111.02
				Say Rs. 2111.00	! per sqm
9.42	<p>Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed 3 layer or graded wood particle board medium density grade I, IS : 3087 marked, including top cover of 6 mm commercial ply wood conforming to IS: 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.</p> <p>Details of cost for a pelmet 2m long.</p> <p>MATERIAL:</p> <p>(i) 18mm thick particle board (medium density exterior grade)Front-1x1.7x0.15=0.255sqm + Sides-2x0.15x0.15= 0.045sqm Total = 0.300sqm + Add wastage @ 5% =0.015sqm Total = 0.315sqm. Say 0.32 sqm.</p>				
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	0.32	430.00	137.60
	6mm thick commercial ply wood Top-1x1.7x0.15=0.255sqm+ Add wastage @ 5% = 0.013 sqm.= 0.268 sqm. Say 0.27 sqm				
2412	Ply wood 5 ply with commercial ply on both faces 6 mm thick	sqm	0.27	306.00	82.62
7034	Nickel plated M.S. pipe 20 mm dia	metre	1.65	72.00	118.80
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	7.00	14.00
9999	Carriage of material	L.S.	0.52	2.12	1.10
9999	M.S. flat 25 x 3 mm and 10cm long over brackets	L.S.	8.06	2.12	17.09
2505	Hollock wood in planks	10 cudm	0.32	402.00	12.86
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	22.00	44.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.18	369.00	66.42
0114	Beldar	day	0.18	306.00	55.08

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0130	Mistry	day	0.11	306.00	33.66
9999	Sundries	L.S.	2.73	2.12	5.79
	TOTAL				589.02
	Add Water Charges @ 1%				5.89
	TOTAL				594.91 (X)
	Add GST 12% on "X" except (multiplying factor 0.1405)				83.59
	Total				678.50 (Y)
	Add CPOH @ 15%				101.77
	Cost of 2 metre				780.27
	Cost of 1 metre				390.14
	labour cess @1%				3.90
	Rate including labour cess				394.04
			Say Rs.	394.00	per metre
9.43	Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickle plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick Coir veneered board				
	Front-1 x 1.7x 0.15=0.255sqm +				
	Sides-2x0.15x0.15= 0.045sqm				
	Total = 0.300sqm +				
	Add wastage @5% = 0.015sqm				
	Total = 0.315sqm. Say 0.32 sqm				
7556	Coir veneered board 18 mm thick	sqm	0.32	930.00	297.60
	6mm thick commercial ply wood				
	Top-1x1.7x0.15=0.255sqm+				
	Add wastage @ 5% = 0.013 sqm				
	Total = 0.268 sqm.				
	Say 0.27 sqm				
7553	Coir veneered board 6 mm thick	sqm	0.27	350.00	94.50
7034	Nickel plated M.S. pipe 20 mm dia	metre	1.65	72.00	118.80
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	7.00	14.00
9999	Carriage of material	L.S.	0.52	2.12	1.10
9999	M.S. flat 25 x 3 mm and 10cm long over brackets	L.S.	8.06	2.12	17.09
2505	Hollock wood in planks	10 cudm	0.32	402.00	12.86
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	22.00	44.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.18	369.00	66.42
0114	Beldar	day	0.18	306.00	55.08
0130	Mistry	day	0.11	306.00	33.66
9999	Sundries	L.S.	2.73	2.12	5.79
	TOTAL				760.90
	Add Water Charges @ 1%				7.61
	TOTAL				768.51
	Add GST 12% on "X" (multiplying factor 0.1405)				107.98
	Total				876.49 (Y)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				131.47
	Cost of 2 metre				1007.96
	Cost of 1 metre				503.98
	labour cess @1%				5.04
	Rate including labour cess				509.02
			Say Rs. 509.00	per metre	
9.44	Extra for using veneered particle board conforming to IS: 3097 Grade I, in item of pelmet 18 mm thick 150 mm wide.				
9.44.1	Non decorative veneer on both sides				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick particle board (medium density exterior grade)				
	Front-1x1.7x0.15= 0.255sqm.+				
	Sides-2x0.15x0.15 = 0.045sqm.				
	Total = 0.300sqm.+				
	Add wastage @5% =0.015sqm.				
	Total = 0.315sqm. Say 0.32 sqm				
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	0.32	155.00	49.60
	TOTAL				49.60
	Add Water Charges @ 1%				0.50
	TOTAL				50.10
	Add GST 12% on "X" (multiplying factor 0.1405)				7.04
	Total				57.13 (Y)
	Add CPOH @ 15%				8.57
	Cost of 2 metre				65.70
	Cost of 1 metre				32.85
	labour cess @1%				0.33
	Rate including labour cess				33.18
			Say Rs. 33.20	per metre	
9.44.2	Particle board with decorative veneering on both sides				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick particle board (medium density exterior grade)				
	Front-1x1.7x0.15= 0.255sqm.+				
	Sides-2x0.15x0.15 = 0.045sqm.				
	Total = 0.300sqm.+				
	Add wastage @5% = 0.015sqm.				
	Total = 0.315sqm. Say 0.32 sqm				
0348	Extra for veneered particle board with Teak veneering both sides	sqm	0.32	500.00	160.00
	TOTAL				160.00
	Add Water Charges @ 1%				1.60
	TOTAL				161.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				22.70
	Total				184.30 (Y)


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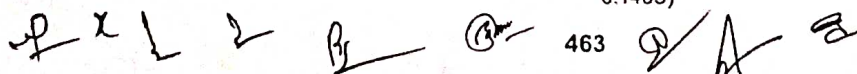
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				27.65
	Cost of 2 metre				211.95
	Cost of 1 metre				105.98
	labour cess @1%				1.06
	Rate including labour cess				107.04
		Say Rs.	107.00	per metre	
9.45	Providing and fixing teak wood lipping of size 25x3 mm in pelmet.				
	Details of cost for 10 metre.				
	MATERIAL:				
7049	Teak wood lipping of size 25x3 mm in pelmets	metre	10.00	12.00	120.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
0114	Beldar	day	0.25	306.00	76.50
	TOTAL				288.75
	Add Water Charges @ 1%				2.89
	TOTAL				291.64
	Add GST 12% on "X" (multiplying factor 0.1405)				40.98
	Total				332.61 (Y)
	Add CPOH @ 15%				49.89
	Cost of 10 metre				382.50
	Cost of 1 metre				38.25
	labour cess @1%				0.38
	Rate including labour cess				38.63
		Say Rs.	38.60	per metre	
9.46	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete:				
9.46.1	12 mm dia				
	Details of cost for 2m long.				
	MATERIAL:				
	Chromium plated Brass curtain rod 12 mm dia 1.25mm thick	metre	2.00	185.00	370.00
0590	thick				
7023	Chromium plated brackets (curtain rods)	each	2.00	8.00	16.00
9999	C.P.brass screws	L.S.	4.03	2.12	8.54
9999	Carriage	L.S.	1.56	2.12	3.51
	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	24.87	49.75 A
9.32	work				
9999	Labour	L.S.	2.73	2.12	5.79
9999	Sundries	L.S.	1.56	2.12	3.31
	TOTAL				456.70
	Add Water Charges @ 1% except on A i.e on (456.695097368771 - 49.7494973687713)=				4.07
	TOTAL				460.76
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				57.75
	Total				518.51 (Y)
	Add CPOH @ 15% except on A i.e on (460.764553368771 - 49.7494973687713)=				70.31
	Cost of 2 metre				588.83

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 1 metre				294.41
	labour cess @1%				2.94
	Rate including labour cess				297.36
		Say Rs.	297.40		per metre
9.46.2	20 mm dia				
	Details of cost for 2m long.				
	MATERIAL:				
	Chromium plated Brass curtain rod 20 mm dia 1.25mm thick	metre	2.00	260.00	520.00
0591					
7023	Chromium plated brackets (curtain rods)	each	2.00	8.00	16.00
9999	C.P.brass screws	L.S.	4.03	2.12	8.54
9999	Carriage	L.S.	1.56	2.12	3.31
	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	24.87	49.75 A
9.32					
9999	Labour	L.S.	2.73	2.12	5.79
9999	Sundries	L.S.	1.56	2.12	3.31
	TOTAL				606.70
	Add Water Charges @ 1% except on A i.e on (606.695097368771 - 49.7494973687713)=				5.57
	TOTAL				612.26
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				79.03
	Total				691.30 (Y)
	Add CPOH @ 15% except on A i.e on (691.297918736771 - 49.7494973687713)=				96.23
	Cost of 2 metre				787.53
	Cost of 1 metre				393.77
	labour cess @1%				3.94
	Rate including labour cess				397.70
		Say Rs.	397.70		per metre
9.46.3	25 mm dia				
	Details of cost for 2m long.				
	MATERIAL:				
	Chromium plated Brass curtain rod 25 mm dia 1.25mm thick	metre	2.00	340.00	680.00
0592					
7023	Chromium plated brackets (curtain rods)	each	2.00	8.00	16.00
9999	C.P. brass screws	L.S.	4.03	2.12	8.54
9999	Carriage	L.S.	1.56	2.12	3.31
	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	24.87	49.75 A
9.32					
9999	Labour	L.S.	2.73	2.12	5.79
9999	Sundries	L.S.	1.56	2.12	3.31
	TOTAL				766.70
	Add Water Charges @ 1% except on A i.e on (766.695097368771 - 49.7494973687713)=				7.17
	TOTAL				773.86
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				101.74

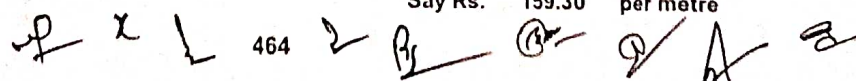

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				875.60 (Y)
	Add CPOH @ 15% except on A i.e on (875.60/2718736771 - 49.7494973687713)=				123.88
	Cost of 2 metre				999.48
	Cost of 1 metre				499.74
	labour cess @1%				5.00
	Rate including labour cess				504.74
		Say Rs.	504.70	per metre	
9.47	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets:				
9.47.1	20 mm dia (heavy type)				
	Details of cost for 2m long.				
	MATERIAL:				
7034	Nickel plated M.S. pipe 20 mm dia	metre	2.00	72.00	144.00
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	7.00	14.00
9999	Screws	L.S.	4.03	2.12	8.54
9999	Carriage	L.S.	1.56	2.12	3.31
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	22.00	44.00
9999	Rawl plug 50 mm (designation 10 no.)	L.S.	5.20	2.12	11.02
9999	Sundries	L.S.	1.56	2.12	3.31
	TOTAL				228.18
	Add Water Charges @ 1%				2.28
	TOTAL				230.46
	Add GST 12% on "X" (multiplying factor 0.1405)				32.38
	Total				262.84 (Y)
	Add CPOH @ 15%				39.43
	Cost of 2 metre				302.27
	Cost of 1 metre				151.14
	labour cess @1%				1.51
	Rate including labour cess				152.65
		Say Rs.	152.60	per metre	
9.47.2	25 mm dia (heavy type)				
	Details of cost for 2m long.				
	MATERIAL:				
7033	Nickel plated M.S. pipe 25 mm dia	metre	2.00	76.00	152.00
7036	Nickel plated M.S - Brackets for curtain rod 25 mm	each	2.00	8.00	16.00
9999	Screws	L.S.	4.03	2.12	8.54
9999	Carriage	L.S.	1.56	2.12	3.31
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	22.00	44.00
9999	Labour including fixing rawl plug	L.S.	5.20	2.12	11.02
9999	Sundries	L.S.	1.56	2.12	3.31
	TOTAL				238.18
	Add Water Charges @ 1%				2.38
	TOTAL				240.56
	Add GST 12% on "X" (multiplying factor 0.1405)				33.80
	Total				274.36 (Y)
	Add CPOH @ 15%				41.15
	Cost of 2 metre				315.52
	Cost of 1 metre				157.76
	labour cess @1%				1.58
	Rate including labour cess				159.34
		Say Rs.	159.30	per metre	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
9.48.1	Fixed to steel windows by welding Details of cost for a grill 90x120cm = 1.08sqm. MATERIAL: M.S. bar 16mm diameter- 11x86cm = 9.46m. @ 1.58kg/ m= 14.95kg+ Add wastage @ 10% = 1.50kg. Total = 16.45kg Say 0.165 quintal				
1003	Mild steel round bar above 12 mm dia M.S. flat 25x3.15mm 2x120cm = 2.40m+2x90cm= 1.80m + 1x120cm= 1.20m+ 2x15cm = 0.30m Total =5.70m 5.70m @ 0.63kg/m = 3.59kg Add wastage @ 10% = 0.36kg. Total = 3.95kg. Say 4 kg. or 0.04 quintal	quintal	0.165	5860.00	966.90
1008	Flats up to 10 mm in thickness	quintal	0.04	4850.00	213.40
2205	Carriage of steel 0.165 + 0.04 = 0.205 q = 0.0205 t Say 0.02 tonne	tonne	0.02	145.72	2.91
9999	Sundries	L.S.	26.91	2.12	57.05
9999	Welding charges Priming coat:Area=1x0.9x1.2x1=1.08 sqm	L.S.	19.76	2.12	41.89
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing LABOUR:	sqm	1.08	34.30	37.05 A
0102	Blacksmith 1 st class	day	0.86	413.00	355.18
0114	Beldar	day	1.10	306.00	336.60
	TOTAL				2010.98
	Add Water Charges @ 1% except on A i.e on (2010.98 - 37.05)=				19.74
	TOTAL				2030.72
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				280.11
	Total				2310.83 (Y)
	Add CPOH @ 15% except on A i.e on (2030.72 - 37.05)=				341.07
	Cost of 18.54 kg				2651.90
	Cost of 1 kg				143.04
	labour cess @1%				1.43
	Rate including labour cess				144.47
		Say Rs.	144.50	per Kg	

9.48.2 Fixed to openings/ wooden frames with rawl plugs screws etc

Details of cost for a grill 90x120cm = 1.08sqm.

MATERIAL:

M.S. bar 16mm dia. 11x86cm = 9.46m.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	@ 1.58kg/m = 14.95kg+				
	Add wastage @ 10% = 1.50kg.				
	Total = 16.45kg. Say 0.165 quintal				
1003	Mild steel round bar above 12 mm dia	quintal	0.165	5860.00	966.90
	M.S. bar M.S. flat 25x3.15mm				
	2x120cm = 2.40m+				
	2x90cm = 1.80m+				
	1x120cm = 1.20m+				
	2x15cm = 0.30m				
	Total = 5.70m				
	5.70m @ 0.63kg/m = 3.59kg+				
	Add wastage @ 10% = 0.36kg.				
	Total = 3.95kg. Say 4 kg. or 0.04 quintal				
1008	Flats up to 10 mm in thickness	quintal	0.04	4850.00	213.40
2205	Carriage of steel	tonne	0.02	145.72	2.91
	0.165 + 0.04 = 0.205 q = 0.0205 t Say 0.02 tonne				
9999	Sundries	L.S.	26.91	2.12	57.05
9999	Welding charges	L.S.	19.76	2.12	41.89
	Priming coat: Area = 1x0.9x1.2x1 = 1.08 sqm				
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing LABOUR:	sqm	1.08	34.30	37.05 A
0102	Blacksmith 1 st class	day	0.86	413.00	355.18
0114	Beldar	day	1.10	306.00	336.60
7048	Rawl plug 50 mm (designation 10 nos)	each	8.00	22.00	176.00
9999	Fixing of rawl plugs	L.S.	26.00	2.12	55.12
	TOTAL				2242.10
	Add Water Charges @ 1% except on A i.e on (2242.10006507646 - 37.0452650764572) =				22.05
	TOTAL				2264.15 (X)
	Add GST 12% on "X" except "A" (multiplying factor 0.1405)				312.91
	Total				2577.06 (Y)
	Add CPOH @ 15% except on A i.e on (2264.15061307646 - 37.0452650764572) =				381.00
	Cost of 18.54 kg				2958.06
	Cost of 1 kg				159.55
	labour cess @ 1%				1.60
	Rate including labour cess				161.15
	Say Rs. 161.10 per Kg				
9.49	Providing and fixing expanded metal 20x60 mm strands 3.25 mm wide and 1.6 mm thick for windows etc. including 62 x19 mm beading of II nd class teak wood and priming coat with approved steel primer all complete.				
	Details of cost for a window of size 140x 110cm = 1.54sqm.				
	MATERIAL:				
	Expanded metal				
	-20x60mm mesh 3.2mm wide = 1.4x1.1 m = 1.54sqm. +				
	Add wastage @ 10% = 0.15sqm.				
	Total = 1.69 sqm				
1015	Mild steel expanded metal 20x60 mm strands	sqm	1.69	280.00	473.20

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage	L.S.	1.82	2.12	3.86
	Priming coat Area=1.40x1.10x1.00=1.54sqm				
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.54	34.30	52.82 A
	Second class teak wood beading 5mx62mmx19mm = 0.0059cum. + Add wastage @ 10% = 0.00059cum. Total= 0.00649cum. Say 6 cudm				
1190	Second class teak wood in planks	10 cudm	6.00	791.00	474.60
2204	Carriage of timber	cum	0.006	187.35	1.12
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	26.91	2.12	57.05
	TOTAL				1260.93
	Add Water Charges @ 1% except on A i.e on (1260.93 - 52.82)=				12.08
	TOTAL				1273.01
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				171.44
	Total				1444.44 (Y)
	Add CPOH @ 15% except on A i.e on (1273.01 - 52.82)=				208.74
	Cost of 1.54 sqm				1653.18
	Cost of 1 sqm				1073.50
	labour cess @1%				10.73
	Rate including labour cess				1084.23
	Say Rs. 1084.23 per sqm				
9.50	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.				
	Details of cost for a window of size 140x110cm=1.54sqm.				
	MATERIAL:				
	Hard drawn steel wire fabric -20x60mm mesh 3.2mm wide = 1.4x1.1m= 1.54sqm. + Add wastage @ 10% = 0.15sqm. Total = 1.69 sqm				
1021	Hard drawn steel wire fabric	sqm	1.69	430.00	726.70
9999	Carriage of wire fabric	L.S.	1.82	2.12	3.86
	Second class teak wood beading 5mx62mmx19mm =0.00059cum. + Add wastage @ 10% = 0.00059cum. Total = 0.000649cum. Say 6 cudm Priming coat Area=1.40x1.10x1.00=1.54sqm				
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.54	34.30	52.82 A
1190	Second class teak wood in planks	10 cudm	6.00	791.00	474.60
2204	Carriage of timber	cum	0.006	187.35	1.12


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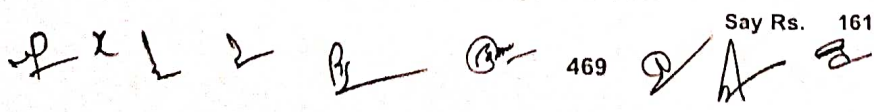
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
LABOUR:					
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	19.76	2.12	41.89
TOTAL					1499.27
Add Water Charges @ 1% except on A i.e on (1499.27 - 52.82)=					14.46
TOTAL					1513.73
Add GST 12% on "X" except "A"(multiplying factor 0.1405)					205.26
Total					1718.99 (Y)
Add CPOH @ 15% except on A i.e on (1513.73 - 52.82)=					249.92
Cost of 1.54 sqm					1968.91
Cost of 1 sqm					1278.52
labour cess @1%					12.79
Rate including labour cess					1291.30
Say Rs. 1291.30 per sqm					
9.51	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.				
9.51.1	With 2nd class teak wood beading 62X19 mm				
Details of cost for a window of size 140x110cm=1.54sqm.					
MATERIAL:					
Wire gauge -20x60mm mesh 3.2mm wide = 1.4x1.1 m = 1.54sqm.+					
Add wastage @ 10% = 0.15sqm.					
Total = 1.69 sqm					
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.69	250.00	422.50
9999	Carriage of wire fabric	L.S.	1.82	2.12	3.86
Second class teak wood beading 5mx62mmx19mm= 0.0059cum.+					
Add wastage @ 10% = 0.00059cum.					
Total = 0.00649cum.					
Say 6 cudm					
1190	Second class teak wood in planks	10 cudm	6.00	791.00	474.60
2204	Carriage of timber	cum	0.006	187.35	1.12
LABOUR:					
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	19.76	2.12	41.89
TOTAL					1142.24
Add Water Charges @ 1%					11.42
TOTAL					1153.67
Add GST 12% on "X" (multiplying factor 0 1405)					162.09
Total					1315.76 (Y)
Add CPOH @ 15%					197.36
Cost of 1.54 sqm					1513.12
Cost of 1 sqm					982.55

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				9.83
	Rate including labour cess				992.37
		Say Rs.	992.40	per sqm	
9.51.2	With 12 mm mild steel U beading				
	Details of cost for a window of size 140x110cm = 1.54sqm.				
	MATERIAL:				
	Wire gauge -20x60mm mesh 3.2mm wide = 1.4x1.1m = 1.54sqm. +				
	Add wastage @ 10% = 0.15sqm.				
	Total = 1.69 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.69	250.00	422.50
9999	Carriage of wire fabric	L.S.	1.82	2.12	3.86
7349	12 mm M.S. 'U' beading	metre	5.00	14.00	70.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	19.76	2.12	41.89
	TOTAL				736.52
	Add Water Charges @ 1%				7.37
	TOTAL				743.88
	Add GST 12% on "X" (multiplying factor 0.1405)				104.52
	Total				848.40 (Y)
	Add CPOH @ 15%				127.26
	Cost of 1.54 sqm				975.66
	Cost of 1 sqm				633.55
	labour cess @1%				6.34
	Rate including labour cess				639.88
		Say Rs.	639.90	per sqm	
9.52	Deduct for fixing 75x25 mm hard drawn steel wire fabric of weight not less than 7.75 kg per sqm in panelled and glazed door and window shutter instead of glass sheet 4 mm thick.				
	Details of cost for 1 sqm.				
	MATERIAL:				
	Difference in cost of				
1021	Hard drawn steel wire fabric	sqm	1.00	430.00	430.00
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	309.00	-309.00
	TOTAL				121.00
	Add Water Charges @ 1%				1.21
	TOTAL				122.21
	Add GST 12% on "X" (multiplying factor 0.1405)				17.17
	Total				139.38 (Y)
	Add CPOH @ 15%				20.91
	Cost of 1 sqm				160.29
	labour cess @1%				1.60
	Rate including labour cess				161.89
		Say Rs.	161.90	per sqm	


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.53	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts,nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)				
	Details of cost for 1 hold fast				
	MATERIAL:				
	M.S.flat 40x5mm 40cm long @ 1.68 kg/m =				
	0.672 kg = 0.0067 quintal				
1008	Flats up to 10 mm in thickness	quintal	0.01	4850.00	32.50
9999	Carriage of steel	L.S.	1.82	2.12	3.86
	Cement concrete 1:3:6 30x10x15cm = 0.0045cum.+				
	Add wastage @ 10% = 0.00045cum.				
	Total = 0.00495cum.				
	Say 0.005cum				
4.2.5	Rate as per Item Number 4.2.5 of SH: Concrete work	cum	0.01	4564.20	22.82 A
9999	Bolts and nuts	L.S.	5.46	2.12	11.58
	LABOUR:				
0103	Blacksmith 2nd class	day	0.03	369.00	11.07
0123	Mason (brick layer) 1 st class	day	0.03	413.00	12.39
0114	Beldar	day	0.03	306.00	9.18
	TOTAL				103.39
	Add Water Charges @ 1% except on A i.e on				
	(103.39 - 22.82)=				
					0.81
	TOTAL				
	Add GST 12% on "X" except "A" (multiplying factor				
	0.1405)				
	Total				
					115.63 (Y)
	Add CPOH @ 15% except on A i.e on				
	(104.2 - 22.82)=				
					13.92
	Cost of each				
					129.55
	labour cess @1%				
					1.30
	Rate including labour cess				
					130.84
		Say Rs.	130.80	Each	
9.54	Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces, etc. complete with:				
9.54.1	Sal wood				
	Details of cost for a beam 450x30x15cm =				
	0.203cum. or 203cudm				
	MATERIAL:				
	Sal wood = 203 cudm.+				
	Add wastage @ 2% = 4.06cudm.				
	Total = 207.06cudm. Say 207.1 cudm				
1199	Sal wood in scantling	10 cudm	207.10	600.00	12426.00
2204	Carriage of timber	cum	0.207	187.35	38.78
	Priming coat (wood preservative)				
13.88.1	Rate as per Item Number 13.88.1 of SH: Finishing	sqm	0.54	34.10	18.41 A
	LABOUR:				
0112	Carpenter 2nd class	day	0.70	369.00	258.30
0114	Beldar	day	1.45	306.00	443.70
0100	Bandhani	day	0.70	325.00	227.50

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries	L.S.	26.91	2.12	57.05
	TOTAL				13469.74
	Add Water Charges @ 1% except on A i.e on (13469.74465 - 18.414)=				134.51
	TOTAL				13604.26
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1908.81
	Total				15513.07 (Y)
	Add CPOH @ 15% except on A i.e on (13604.2579565 - 18.414)=				2324.20
	Cost of 0.203 cum				17837.27
	Cost of 1 cum				87868.31
	labour cess @1%				878.68
	Rate including labour cess				88746.99
					Say Rs. 88747.00 per cum
9.54	Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces, etc. complete with:				!
9.54.2	Hollock wood				!
	Details of cost for a beam 450x30x15cm = 0.203cum. or 203cudm				
	MATERIAL:				
	Hollock wood = 203 cudm.+				
	Add wastage @ 2% = 4.06cudm.				
	Total = 207.06cudm. Say 207.1 cudm				
2466	Hollock wood in scantling	10 cudm	207.10	357.00	7393.47
2204	Carriage of timber	cum	0.207	187.35	38.78
	Priming coat (wood preservative)				
13.88.1	Rate as per Item Number 13.88.1 of SH: Finishing	sqm	0.54	34.10	18.41 A
	LABOUR:				
0112	Carpenter 2nd class	day	0.70	369.00	258.30
0114	Beldar	day	1.45	306.00	443.70
0100	Bandhani	day	0.70	325.00	227.50
9999	Sundries	L.S.	26.91	2.12	57.05
	TOTAL				8437.21
	Add Water Charges @ 1% except on A i.e on (8437.21465 - 18.414)=				84.19
	TOTAL				8521.40
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1194.67
	Total				9716.07 (Y)
	Add CPOH @ 15% except on A i.e on (8521.4026565 - 18.414)=				1454.65
	Cost of 0.203 cum				11170.72
	Cost of 1 cum				55028.18
	labour cess @1%				550.28
	Rate including labour cess				55578.47
					Say Rs. 55578.50 per cum

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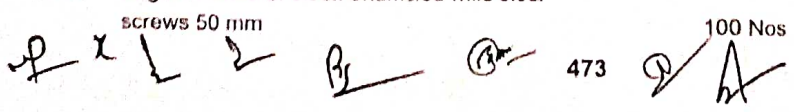
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.55	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete:				
9.55.1	125x65x2.12 mm Details of cost for ten hinges. MATERIAL:				
0594	Bright finished or black enameled mild steel butt hinges 125x65x2 12 mm	10 Nos	10.00	135.00	135.00
0635	Bright finished or black enameled mild steel screws 50 mm	100 Nos	80.00	75.00	60.00
9999	Carriage of material LABOUR:	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				279.99
	Add Water Charges @ 1%				2.80
	TOTAL				282.79
	Add GST 12% on "X" (multiplying factor 0.1405)				39.73
	Total				322.52 (Y)
	Add CPOH @ 15%				48.38
	Cost of 10 nos				370.90
	Cost of each				37.09
	labour cess @1%				0.37
	Rate including labour cess				37.46
		Say Rs.	37.50	Each	
9.55.2	100x58x1.90 mm Details of cost for ten hinges. MATERIAL:				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	10.00	80.00	80.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	80.00	60.00	48.00
9999	Carriage of material LABOUR:	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				212.99
	Add Water Charges @ 1%				2.13
	TOTAL				215.12
	Add GST 12% on "X" (multiplying factor 0.1405)				30.22
	Total				245.34 (Y)
	Add CPOH @ 15%				36.80
	Cost of 10 nos				282.14
	Cost of each				28.21
	labour cess @1%				0.28
	Rate including labour cess				28.50
		Say Rs.	28.50	Each	
9.55.3	75x47x1.70 mm Details of cost for ten hinges. MATERIAL:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0596	Bright finished or black enameled mild steel butt hinges 75x47x1.70 mm	10 Nos	10.00	56.00	56.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	60.00	45.00	27.00
9999	Carriage of material	L.S	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				166.06
	Add Water Charges @ 1%				1.66
	TOTAL				167.72
	Add GST 12% on "X" (multiplying factor 0.1405)				23.56
	Total				191.28 (Y)
	Add CPOH @ 15%				28.69
	Cost of 10 nos				219.98
	Cost of each				22.00
	labour cess @1%				0.22
	Rate including labour cess				22.22
		Say Rs.	22.20	Each	
9.55.4	50x37x1.50 mm				
	Details of cost for ten hinges.				
	MATERIAL:				
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	10.00	49.00	49.00
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	40.00	35.00	14.00
9999	Carriage of material	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				94.45
	Add Water Charges @ 1%				0.94
	TOTAL				95.39
	Add GST 12% on "X" (multiplying factor 0.1405)				13.40
	Total				108.80 (Y)
	Add CPOH @ 15%				16.32
	Cost of 10 nos				125.12
	Cost of each				12.51
	labour cess @1%				0.13
	Rate including labour cess				12.64
		Say Rs.	12.60	Each	
9.56	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. complete :				
9.56.1	125x90x4.00 mm				
	Details of cost for ten hinges.				
	MATERIAL:				
8222	M.S. heavy weight butt hinges 125x90x4 0 mm IS: 1341 marked.	10 Nos	10.00	230.00	230.00
0635	Bright finished or black enameled mild steel screws 50 mm	100 Nos	80.00	75.00	60.00


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				374.99
	Add Water Charges @ 1%				3.75
	TOTAL				378.74
	Add GST 12% on "X" (multiplying factor 0.1405)				53.21
	Total				431.95 (Y)
	Add CPOH @ 15%				64.79
	Cost of 10 nos				496.74
	Cost of each				49.67
	labour cess @1%				0.50
	Rate including labour cess				50.17
		Say Rs.	50.20	Each	
9.56	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc.complete :				
9.56.2	100x75x3.50 mm Details of cost for ten hinges. MATERIAL:				
8223	M.S. heavy weight butt hinges 100x75x3.5 mm IS: 1341 marked	10 Nos	10.00	180.00	180.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	80.00	60.00	48.00
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				312.99
	Add Water Charges @ 1%				3.13
	TOTAL				316.12
	Add GST 12% on "X" (multiplying factor 0.1405)				44.41
	Total				360.53 (Y)
	Add CPOH @ 15%				54.08
	Cost of 10 nos				414.61
	Cost of each				41.46
	labour cess @1%				0.41
	Rate including labour cess				41.88
		Say Rs.	41.90	Each	
9.56.3	75x60x3.10 mm Details of cost for ten hinges. MATERIAL:				
8224	M.S. heavy weight butt hinges 75x60x3.1 mm IS: 1341 marked	10 Nos	10.00	110.00	110.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	60.00	45.00	27.00
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				220.06
	Add Water Charges @ 1%				2.20
	TOTAL				222.26
	Add GST 12% on "X" (multiplying factor 0.1405)				31.23
	Total				253.49 (Y)
	Add CPOH @ 15%				38.02
	Cost of 10 nos				291.51
	Cost of each				29.15
	labour cess @1%				0.29
	Rate including labour cess				29.44
		Say Rs.	29.40	Each	
9.56.4	50x40x2.50 mm				
	Details of cost for ten hinges.				
	MATERIAL:				
8225	M.S. heavy weight butt hinges 50x40x2.5 mm IS : 1341 marked	10 Nos	10.00	90.00	90.00
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	40.00	35.00	14.00
9999	Carriage of material	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				135.45
	Add Water Charges @ 1%				1.35
	TOTAL				136.80
	Add GST 12% on "X" (multiplying factor 0.1405)				19.22
	Total				156.02 (Y)
	Add CPOH @ 15%				23.40
	Cost of 10 nos				179.43
	Cost of each				17.94
	labour cess @1%				0.18
	Rate including labour cess				18.12
		Say Rs.	18.10	Each	
9.57	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete.				
9.57.1	125x65x2.12 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0642	Oxidised mild steel butt hinges 125x65x2.12 mm	10 Nos	10.00	125.00	125.00
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	76.00	60.80
9999	Carriage of material	L.S.	3.64	2.12	7.72
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				272.72
	Add Water Charges @ 1%				2.73
	TOTAL				275.44
	Add GST 12% on "X" (multiplying factor 0.1405)				38.70
	Total				314.14 (Y)
	Add CPOH @ 15%				47.12

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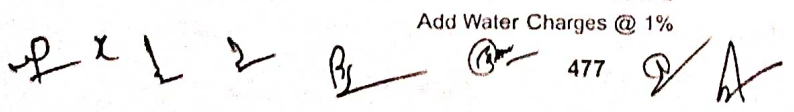
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 10 nos				361.27
	Cost of each				36.13
	labour cess @1%				0.36
	Rate including labour cess				36.49
		Say Rs.	36.50	Each	
9.57.2	100x58x1.90 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0643	Oxidised mild steel butt hinges 100x58x1.90 mm	10 Nos	10.00	90.00	90.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				224.59
	Add Water Charges @ 1%				2.25
	TOTAL				226.83
	Add GST 12% on "X" (multiplying factor 0.1405)				31.87
	Total				258.70 (Y)
	Add CPOH @ 15%				38.81
	Cost of 10 nos				297.51
	Cost of each				29.75
	labour cess @1%				0.30
	Rate including labour cess				30.05
		Say Rs.	30.00	Each	
9.57.3	75x47x1.70 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0644	Oxidised mild steel butt hinges 75x47x1.70 mm	10 Nos	10.00	65.00	65.00
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	49.00	29.40
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				177.46
	Add Water Charges @ 1%				1.77
	TOTAL				179.23
	Add GST 12% on "X" (multiplying factor 0.1405)				25.18
	Total				204.42 (Y)
	Add CPOH @ 15%				30.66
	Cost of 10 nos				235.08
	Cost of each				23.51
	labour cess @1%				0.24
	Rate including labour cess				23.74
		Say Rs.	23.70	Each	
9.57.4	50x37x1.50 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0645	Oxidised mild steel butt hinges 50x37x1.50 mm	10 Nos	10.00	55.00	55.00
0686	Oxidised mild steel screws 20 mm	100 Nos	40.00	32.00	12.80

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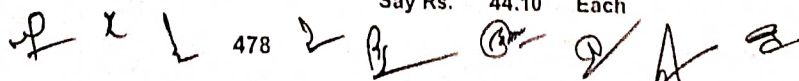
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of material	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				99.25
	Add Water Charges @ 1%				0.99
	TOTAL				100.24
	Add GST 12% on "X" (multiplying factor 0.1405)				14.08
	Total				114.33 (Y)
	Add CPOH @ 15%				17.15
	Cost of 10 nos				131.47
	Cost of each				13.15
	labour cess @1%				0.13
	Rate including labour cess				13.28
		Say Rs.	13.30	Each	
9.58	Providing and fixing ISI marked oxidised M.S. pressed Parliamentary hinges with necessary screws etc. complete:				
9.58.1	150x125x27x2.80 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0646	Oxidised mild steel parliamentary hinges				
	150x125x27x2.8 mm	10 Nos	10.00	335.00	335.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				484.89
	Add Water Charges @ 1%				4.85
	TOTAL				489.74
	Add GST 12% on "X" (multiplying factor 0.1405)				68.81
	Total				558.54 (Y)
	Add CPOH @ 15%				83.78
	Cost of 10 nos				642.33
	Cost of each				64.23
	labour cess @1%				0.64
	Rate including labour cess				64.87
		Say Rs.	64.90	Each	
9.58.2	125x125x27x2.80 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0647	Oxidised mild steel parliamentary hinges				
	125x125x27x2.8 mm	10 Nos	10.00	300.00	300.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				449.89
	Add Water Charges @ 1%				4.50


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				454.39
	Add GST 12% on "X" (multiplying factor 0.1405)				63.84
	Total				518.23 (Y)
	Add CPOH @ 15%				77.73
	Cost of 10 nos				595.96
	Cost of each				59.60
	labour cess @1%				0.60
	Rate including labour cess				60.19
		Say Rs.	60.20	Each	
9.58.3	100x125x27x2.80 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0648	Oxidised mild steel parliamentary hinges 100x125x27x2.8 mm	10 Nos	10.00	235.00	235.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				384.89
	Add Water Charges @ 1%				3.85
	TOTAL				388.74
	Add GST 12% on "X" (multiplying factor 0.1405)				54.62
	Total				443.35 (Y)
	Add CPOH @ 15%				66.50
	Cost of 10 nos				509.86
	Cost of each				50.99
	labour cess @1%				0.51
	Rate including labour cess				51.50
		Say Rs.	51.50	Each	
9.58.4	75x100x20x2.24 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0649	Oxidised mild steel parliamentary hinges 75x100x20x2.24 mm	10 Nos	10.00	200.00	200.00
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	49.00	29.40
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				329.69
	Add Water Charges @ 1%				3.30
	TOTAL				332.98
	Add GST 12% on "X" (multiplying factor 0.1405)				46.78
	Total				379.77 (Y)
	Add CPOH @ 15%				56.97
	Cost of 10 nos				436.73
	Cost of each				43.67
	labour cess @1%				0.44
	Rate including labour cess				44.11
		Say Rs.	44.10	Each	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.59	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc.complete:				
9.59.1	150 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0650	Oxidised mild steel single acting spring hinges 150 mm	each	10.00	140.00	1400.00
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	76.00	60.80
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1675.39
	Add Water Charges @ 1%				16.75
	TOTAL				1692.14
	Add GST 12% on "X" (multiplying factor 0.1405)				237.75
	Total				1929.89 (Y)
	Add CPOH @ 15%				289.48
	Cost of 10 nos				2219.37
	Cost of each				221.94
	labour cess @1%				2.22
	Rate including labour cess				224.16
		Say Rs.	224.20	Each	
9.59.2	125 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0651	Oxidised mild steel single acting spring hinges 125 mm	each	10.00	120.00	1200.00
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	76.00	60.80
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1475.39
	Add Water Charges @ 1%				14.75
	TOTAL				1490.14
	Add GST 12% on "X" (multiplying factor 0.1405)				209.36
	Total				1699.51 (Y)
	Add CPOH @ 15%				254.93
	Cost of 10 nos				1954.43
	Cost of each				195.44
	labour cess @1%				1.95
	Rate including labour cess				197.40
		Say Rs.	197.40	Each	
9.59.3	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0652	Oxidised mild steel single acting spring hinges 100 mm	each	10.00	100.00	1000.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1264.19
	Add Water Charges @ 1%				12.64
	TOTAL				1276.83
	Add GST 12% on "X" (multiplying factor 0.1405)				179.39
	Total				1456.22 (Y)
	Add CPOH @ 15%				218.43
	Cost of 10 nos				1674.66
	Cost of each				167.47
	labour cess @1%				1.67
	Rate including labour cess				169.14
		Say Rs.	169.10	Each	
9.60	Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete.				
9.60.1	150 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0653	Oxidised mild steel double acting spring hinges 150 mm	each	10.00	160.00	1600.00
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	76.00	60.80
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1875.39
	Add Water Charges @ 1%				18.75
	TOTAL				1894.14
	Add GST 12% on "X" (multiplying factor 0.1405)				266.13
	Total				2160.27 (Y)
	Add CPOH @ 15%				324.04
	Cost of 10 nos				2484.31
	Cost of each				248.43
	labour cess @1%				2.48
	Rate including labour cess				250.92
		Say Rs.	250.90	Each	
9.60.2	125 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0654	Oxidised mild steel double acting spring hinges 125 mm	each	10.00	140.00	1400.00
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	76.00	60.80
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1675.39
	Add Water Charges @ 1%				16.75

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				1692.14
	Add GST 12% on "X" (multiplying factor 0.1405)				237.75
	Total				1929.89 (Y)
	Add CPOH @ 15%				289.48
	Cost of 10 nos				2219.37
	Cost of each				221.94
	labour cess @1%				2.22
	Rate including labour cess				224.16
		Say Rs.	224.20	Each	
9.60.3	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0655	Oxidised mild steel double acting spring hinges 100 mm	each	10.00	120.00	1200.00
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	62.00	49.60
9999	Carriage of material	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	369.00	147.60
0114	Beldar	day	0.20	306.00	61.20
	TOTAL				1464.19
	Add Water Charges @ 1%				14.64
	TOTAL				1478.83
	Add GST 12% on "X" (multiplying factor 0.1405)				207.78
	Total				1686.61 (Y)
	Add CPOH @ 15%				252.99
	Cost of 10 nos				1939.60
	Cost of each				193.96
	labour cess @1%				1.94
	Rate including labour cess				195.90
		Say Rs.	195.90	Each	
9.61	Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete.				
9.61.1	Overall width 35 mm				
	Details of cost for 1 metre				
	MATERIAL:				
0656	Nickel plated MS piano hinges 1mm thick 35mm wide 35 mm (Over all width)	metre	1.00	40.00	40.00
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	32.00	9.60
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				132.66
	Add Water Charges @ 1%				1.33
	TOTAL				133.98
	Add GST 12% on "X" (multiplying factor 0.1405)				18.82
	Total				152.81 (Y)
	Add CPOH @ 15%				22.92

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of 1 metre				175.73
	labour cess @1%				1.76
	Rate including labour cess				177.49
		Say Rs.	177.50	Per metre	
9.61.2	Overall width 50 mm				
	Details of cost for 1 metre				
	MATERIAL:				
7485	Oxidised M. S. hinges finished with nickel plating 50 mm (Over all width)	metre	1.00	40.00	40.00
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	32.00	9.60
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				132.66
	Add Water Charges @ 1%				1.33
	TOTAL				133.98
	Add GST 12% on "X" (multiplying factor 0.1405)				18.82
	Total				152.81 (Y)
	Add CPOH @ 15%				22.92
	Cost of 1 metre				175.73
	labour cess @1%				1.76
	Rate including labour cess				177.49
		Say Rs.	177.50	Per metre	
9.61.3	Overall width 65 mm				
	Details of cost for 1 metre				
	MATERIAL:				
7486	Oxidised M. S. hinges finished with nickel plating 65 mm (Over all width)	metre	1.00	52.00	52.00
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	32.00	9.60
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				144.66
	Add Water Charges @ 1%				1.45
	TOTAL				146.10
	Add GST 12% on "X" (multiplying factor 0.1405)				20.53
	Total				166.63 (Y)
	Add CPOH @ 15%				24.99
	Cost of 1 metre				191.63
	labour cess @1%				1.92
	Rate including labour cess				193.54
		Say Rs.	193.50	Per metre	
9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :				
9.62.1	300x16 mm				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Details of cost for 10 nos.				
	MATERIAL:				
0660	Oxidised mild steel sliding door bolt 300x16 mm	each	10.00	90.00	900.00
7040	Oxidised mild steel screws 35 mm	100 Nos	120.00	48.00	57.60
0641	Bright finished or black enameled mild steel bolts and nuts 50x6 mm	each	40.00	5.00	200.00
9999	Carriage of materials & sundries	L.S.	6.37	2.12	13.50
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
	TOTAL				1263.35
	Add Water Charges @ 1%				12.63
	TOTAL				1275.99
	Add GST 12% on "X" (multiplying factor 0.1405)				179.28
	Total				1455.26 (Y)
	Add CPOH @ 15%				218.29
	Cost of 10 nos				1673.55
	Cost of each				167.36
	labour cess @1%				1.67
	Rate including labour cess				169.03
		Say Rs.	169.00	Each	
9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :				
9.62.2	250x16 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0661	Oxidised mild steel sliding door bolt 250x16 mm	each	10.00	80.00	800.00
7040	Oxidised mild steel screws 35 mm	100 Nos	100.00	48.00	48.00
0641	Bright finished or black enameled mild steel bolts and nuts 50x6 mm	each	40.00	5.00	200.00
9999	Carriage of materials & sundries	L.S.	6.37	2.12	13.50
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
	TOTAL				1153.75
	Add Water Charges @ 1%				11.54
	TOTAL				1165.29
	Add GST 12% on "X" (multiplying factor 0.1405)				163.72
	Total				1329.02 (Y)
	Add CPOH @ 15%				199.35
	Cost of 10 nos				1528.37
	Cost of each				152.84
	labour cess @1%				1.53
	Rate including labour cess				154.37
		Say Rs.	154.40	Each	
9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:				
9.63.1	250x10 mm				
	Details of cost for 10 nos.				



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
MATERIAL:					
0664	Oxidised mild steel tower bolt (barrel type) 250x10 mm	each	10.00	43.00	430.00
0684	Oxidised mild steel screws 30 mm	100 Nos	100.00	49.00	49.00
9999	Carriage of material	L.S.	3.64	2.12	7.72
LABOUR:					
0112	Carpenter 2nd class	day	0.10	369.00	36.90
TOTAL					523.62
Add Water Charges @ 1%					5.24
TOTAL					528.85
Add GST 12% on "X" (multiplying factor 0.1405)					74.30
Total					603.16 (Y)
Add CPOH @ 15%					90.47
Cost of 10 nos					693.63
Cost of each					69.36
labour cess @1%					0.69
Rate including labour cess					70.06
			Say Rs.	70.10	Each
9.63.2	200x10 mm Details of cost for 10 nos.				
MATERIAL:					
0665	Oxidised mild steel tower bolt (barrel type) 200x10 mm	each	10.00	34.00	340.00
0684	Oxidised mild steel screws 30 mm	100 Nos	80.00	49.00	39.20
9999	Carriage of material	L.S.	2.73	2.12	5.79
LABOUR:					
0112	Carpenter 2nd class	day	0.10	369.00	36.90
TOTAL					421.89
Add Water Charges @ 1%					4.22
TOTAL					426.11
Add GST 12% on "X" (multiplying factor 0.1405)					59.87
Total					485.97 (Y)
Add CPOH @ 15%					72.90
Cost of 10 nos					558.87
Cost of each					55.89
labour cess @1%					0.56
Rate including labour cess					56.45
			Say Rs.	56.40	Each
9.63.3	150x10 mm Details of cost for 10 nos.				
MATERIAL:					
0666	Oxidised mild steel tower bolt (barrel type) 150x10 mm	each	10.00	29.00	290.00
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	49.00	29.40
9999	Carriage of material	L.S.	2.73	2.12	5.79
LABOUR:					
0112	Carpenter 2nd class	day	0.10	369.00	36.90
TOTAL					362.09
Add Water Charges @ 1%					3.62
TOTAL					365.71
Add GST 12% on "X" (multiplying factor 0.1405)					51.38

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.65	Providing and fixing ISI marked oxidised MS door latches conforming to IS : 5930 with screws etc.complete.				
9.65.1	300x20x6 mm Details of cost for 10 nos.				
	MATERIAL:				
0662	Oxidised mild steel door latch 300x20x6 mm	each	10.00	49.00	490.00
0685	Oxidised mild steel screws 25 mm	100 Nos	90.00	36.00	32.40
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0112	Carpenter 2nd class	day	0.12	369.00	44.28
	TOTAL				574.40
	Add Water Charges @ 1%				5.74
	TOTAL				580.14
	Add GST 12% on "X" (multiplying factor 0.1405)				81.51
	Total				661.65 (Y)
	Add CPOH @ 15%				99.25
	Cost of 10 nos				760.90
	Cost of each				76.09
	labour cess @1%				0.76
	Rate including labour cess				76.85
		Say Rs.	76.90	Each	
9.65.2	250x20x6 mm Details of cost for 10 nos.				
	MATERIAL:				
0663	Oxidised mild steel door latch 250x20x6 mm	each	10.00	39.00	390.00
0685	Oxidised mild steel screws 25 mm	100 Nos	90.00	36.00	32.40
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0112	Carpenter 2nd class	day	0.12	369.00	44.28
	TOTAL				474.40
	Add Water Charges @ 1%				4.74
	TOTAL				479.14
	Add GST 12% on "X" (multiplying factor 0.1405)				67.32
	Total				546.46 (Y)
	Add CPOH @ 15%				81.97
	Cost of 10 nos				628.43
	Cost of each				62.84
	labour cess @1%				0.63
	Rate including labour cess				63.47
		Say Rs.	63.50	Each	
9.66	Providing and fixing ISI marked oxidised M.S. handles conforming to IS :4992 with necessary screws etc. complete:				
9.66.1	125 mm Details of cost for 10 nos.				
	MATERIAL:				
0668	Oxidised mild steel handles 125 mm	each	10.00	20.00	200.00
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	36.00	14.40
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	369.00	22.14
	TOTAL				242.33
	Add Water Charges @ 1%				2.42
	TOTAL				244.75

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				34.39
	Total				279.14 (Y)
	Add CPOH @ 15%				41.87
	Cost of 10 nos				321.01
	Cost of each				32.10
	labour cess @1%				0.32
	Rate including labour cess				32.42
		Say Rs.	32.40	Each	
9.66.2	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0669	Oxidised mild steel handles 100 mm	each	10.00	15.00	150.00
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	36.00	14.40
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	369.00	22.14
	TOTAL				190.40
	Add Water Charges @ 1%				1.90
	TOTAL				192.30
	Add GST 12% on "X" (multiplying factor 0.1405)				27.02
	Total				219.32 (Y)
	Add CPOH @ 15%				32.90
	Cost of 10 nos				252.22
	Cost of each				25.22
	labour cess @1%				0.25
	Rate including labour cess				25.47
		Say Rs.	25.50	Each	
9.66.3	75 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0670	Oxidised mild steel handles 75 mm	each	10.00	12.00	120.00
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	36.00	14.40
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	369.00	22.14
	TOTAL				160.40
	Add Water Charges @ 1%				1.60
	TOTAL				162.00
	Add GST 12% on "X" (multiplying factor 0.1405)				22.76
	Total				184.76 (Y)
	Add CPOH @ 15%				27.71
	Cost of 10 nos				212.48
	Cost of each				21.25
	labour cess @1%				0.21
	Rate including labour cess				21.46
		Say Rs.	21.50	Each	
9.67	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete:				
9.67.1	150 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0679	Oxidised mild steel hasps and staples (safety type) 150 mm	10 Nos	10.00	128.00	128.00
0685	Oxidised mild steel screws 25 mm	100 Nos	80.00	36.00	28.80
9999	Carriage of materials	L.S.	1.82	2.12	3.86


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
LABOUR:					
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				190.18
	Add Water Charges @ 1%				1.90
	TOTAL				192.08
	Add GST 12% on "X" (multiplying factor 0.1405)				26.99
	Total				219.07 (Y)
	Add CPOH @ 15%				32.86
	Cost of 10 nos				251.93
	Cost of each				25.19
	labour cess @1%				0.25
	Rate including labour cess				25.44
		Say Rs.	25.40	Each	
9.67.2	115 mm				
	Details of cost for 10 nos.				
MATERIAL:					
0680	Oxidised mild steel hasps and staples (safety type) 115 mm	10 Nos	10.00	108.00	108.00
0685	Oxidised mild steel screws 25 mm	100 Nos	70.00	36.00	25.20
9999	Carriage of materials	L.S.	1.82	2.12	3.86
LABOUR:					
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				166.58
	Add Water Charges @ 1%				1.67
	TOTAL				168.24
	Add GST 12% on "X" (multiplying factor 0.1405)				23.64
	Total				191.88 (Y)
	Add CPOH @ 15%				28.78
	Cost of 10 nos				220.66
	Cost of each				22.07
	labour cess @1%				0.22
	Rate including labour cess				22.29
		Say Rs.	22.30	Each	
9.67.3	90 mm				
	Details of cost for 10 nos.				
MATERIAL:					
0681	Oxidised mild steel hasps and staples (safety type) 90 mm	10 Nos	10.00	79.00	79.00
0685	Oxidised mild steel screws 25 mm	100 Nos	70.00	36.00	25.20
9999	Carriage of materials	L.S.	1.82	2.12	3.86
LABOUR:					
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				137.58
	Add Water Charges @ 1%				1.38
	TOTAL				138.95
	Add GST 12% on "X" (multiplying factor 0.1405)				19.52
	Total				158.48 (Y)
	Add CPOH @ 15%				23.77
	Cost of 10 nos				182.25
	Cost of each				18.22
	labour cess @1%				0.18
	Rate including labour cess				18.41
		Say Rs.	18.40	Each	
9.68	Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc.complete.				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.68.1	300 mm weighing not less than 200 gms				
	Details of cost for 10 nos.				
	MATERIAL:				
7063	Oxidised M.S.casement stay (straight peg type)				
	300 mm not less than 0.33 kg	each	10.00	35.00	350.00
0684	Oxidised mild steel screws 30 mm	100 Nos	40.00	49.00	19.60
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	369.00	36.90
	TOTAL				408.43
	Add Water Charges @ 1%				4.08
	TOTAL				412.51
	Add GST 12% on "X" (multiplying factor 0.1405)				57.96
	Total				470.47 (Y)
	Add CPOH @ 15%				70.57
	Cost of 10 nos				541.04
	Cost of each				54.10
	labour cess @1%				0.54
	Rate including labour cess				54.65
		Say Rs.	54.60	Each	
9.68.2	250 mm weighing not less than 150 gms				
	Details of cost for 10 nos.				
	MATERIAL:				
7064	Oxidised M.S.casement stay (straight peg type)				
	250 mm not less than 0.28 kg	each	10.00	30.00	300.00
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	36.00	14.40
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	369.00	36.90
	TOTAL				353.23
	Add Water Charges @ 1%				3.53
	TOTAL				356.76
	Add GST 12% on "X" (multiplying factor 0.1405)				50.12
	Total				406.89 (Y)
	Add CPOH @ 15%				61.03
	Cost of 10 nos				467.92
	Cost of each				46.79
	labour cess @1%				0.47
	Rate including labour cess				47.26
		Say Rs.	47.30	Each	
9.68.3	200 mm weighing not less than 120 gms				
	Details of cost for 10 nos.				
	MATERIAL:				
7065	Oxidised M.S. casement stay (straight peg type)				
	200 mm not less than 0.24 kg	each	10.00	25.00	250.00
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	36.00	14.40
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	369.00	36.90
	TOTAL				303.23
	Add Water Charges @ 1%				3.03
	TOTAL				306.26
	Add GST 12% on "X" (multiplying factor 0.1405)				43.03
	Total				349.29 (Y)
	Add CPOH @ 15%				52.39
	Cost of 10 nos				401.68

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of each				40.17
	labour cess @1%				0.40
	Rate including labour cess				40.57
		Say Rs.	40.60	Each	
9.69	Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors, (weighting not less than 450 gms).				
	Details of cost for 10 nos.				
	MATERIAL:				
7184	Oxidised M.S. safety chain (weighing not less than 450 gms) for door	each	10.00	57.00	570.00
0685	Oxidised mild steel screws 25 mm	100 Nos	60.00	36.00	21.60
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	369.00	36.90
	TOTAL				630.43
	Add Water Charges @ 1%				6.30
	TOTAL				636.73
	Add GST 12% on "X" (multiplying factor 0.1405)				89.46
	Total				726.19 (Y)
	Add CPOH @ 15%				108.93
	Cost of 10 nos				835.12
	Cost of each				83.51
	labour cess @1%				0.84
	Rate including labour cess				84.35
		Say Rs.	84.30	Each	
9.70	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc.complete:				
9.70.1	125x64x1.90 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
	Stainless steel butt hinges 125x64x1.9 mm IS :12817				
8215	marked	10 Nos	10.00	310.00	310.00
8210	Stainless steel screws 50 mm	100 Nos	80.00	300.00	240.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				634.99
	Add Water Charges @ 1%				6.35
	TOTAL				641.34
	Add GST 12% on "X" (multiplying factor 0.1405)				90.11
	Total				731.45 (Y)
	Add CPOH @ 15%				109.72
	Cost of 10 nos				841.16
	Cost of each				84.12
	labour cess @1%				0.84
	Rate including labour cess				84.96
		Say Rs.	85.00	Each	
9.70.2	100X58X1.90 mm				
	Details of cost for 10 nos.				
	MATERIAL:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8216	Stainless steel butt hinges 100x58x1.9 mm IS:				
	12817 marked	10 Nos	10.00	280.00	280.00
8211	Stainless steel screws 40 mm	100 Nos	80.00	250.00	200.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				564.99
	Add Water Charges @ 1%				5.65
	TOTAL				570.64
	Add GST 12% on "X" (multiplying factor 0.1405)				80.17
	Total				650.81 (Y)
	Add CPOH @ 15%				97.62
	Cost of 10 nos				748.43
	Cost of each				74.84
	labour cess @1%				0.75
	Rate including labour cess				75.59
		Say Rs.	75.60	Each	
9.70.3	75x47x1.80 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
8217	Stainless steel butt hinges 75x47x1.8 mm IS :				
	12817 marked	10 Nos	10.00	180.00	180.00
8212	Stainless steel screws 30 mm	100 Nos	60.00	230.00	138.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				401.06
	Add Water Charges @ 1%				4.01
	TOTAL				405.07
	Add GST 12% on "X" (multiplying factor 0.1405)				56.91
	Total				461.98 (Y)
	Add CPOH @ 15%				69.30
	Cost of 10 nos				531.28
	Cost of each				53.13
	labour cess @1%				0.53
	Rate including labour cess				53.66
		Say Rs.	53.70	Each	
9.70.4	50x37x1.50 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
8218	Stainless steel butt hinges 50x37x1.5 mm IS :				
	12817 marked	10 Nos	10.00	150.00	150.00
8214	Stainless steel screws 20 mm	100 Nos	40.00	150.00	60.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				241.45
	Add Water Charges @ 1%				2.41
	TOTAL				243.86
	Add GST 12% on "X" (multiplying factor 0.1405)				34.26
	Total				278.13 (Y)
	Add CPOH @ 15%				41.72
	Cost of 10 nos				319.85
	Cost of each				31.98
	labour cess @1%				0.32
	Rate including labour cess				32.30
		Say Rs.	32.30	Each	


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.71	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete:				
9.71.1	125x64x2.50 mm Details of cost for 10 nos. MATERIAL:				
8219	Stainless steel butt hinges (heavy weight) 125x64 x 2.5 mm IS : 12817 marked	10 Nos	10.00	375.00	375.00
8210	Stainless steel screws 50 mm	100 Nos	80.00	300.00	240.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				699.99
	Add Water Charges @ 1%				7.00
	TOTAL				706.99
	Add GST 12% on "X" (multiplying factor 0.1405)				99.33
	Total				806.32 (Y)
	Add CPOH @ 15%				120.95
	Cost of 10 nos				927.27
	Cost of each				92.73
	labour cess @1%				0.93
	Rate including labour cess				93.65
		Say Rs.	93.70	Each	
9.71.2	100x60x2.50 mm Details of cost for 10 nos. MATERIAL:				
8220	Stainless steel butt hinges (heavyweight) 100x60 x 2.5 mm IS : 12817 marked	10 Nos	10.00	275.00	275.00
8211	Stainless steel screws 40 mm	100 Nos	80.00	250.00	200.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				559.99
	Add Water Charges @ 1%				5.60
	TOTAL				565.59
	Add GST 12% on "X" (multiplying factor 0.1405)				79.47
	Total				645.05 (Y)
	Add CPOH @ 15%				96.76
	Cost of 10 nos				741.81
	Cost of each				74.18
	labour cess @1%				0.74
	Rate including labour cess				74.92
		Say Rs.	74.90	Each	
9.71.3	75x50x2.50 mm Details of cost for 10 nos. MATERIAL:				
8221	Stainless steel butt hinges (heavy weight) 75x50 x 2.5 mm IS : 12817 marked	10 Nos	10.00	230.00	230.00
8212	Stainless steel screws 30 mm	100 Nos	60.00	230.00	138.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				451.06
	Add Water Charges @ 1%				4.51

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				455.57
	Add GST 12% on "X" (multiplying factor 0.1405)				64.01
	Total				519.58 (Y)
	Add CPOH @ 15%				77.94
	Cost of 10 nos				597.51
	Cost of each				59.75
	labour cess @1%				0.60
	Rate including labour cess				60.35
		Say Rs.	60.30	Each	
9.72	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete:				
9.72.1	125x85x5.5 mm (heavy type)				
	Details of cost for 10 nos.				
	MATERIAL:				
0382	Brass butt hinges (heavy type):125x85x5.5 mm(0.70 kg)	10 Nos	10.00	1309.00	1309.00
0449	Brass screws 50 mm	100 Nos	100.00	220.00	220.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
	TOTAL				1625.14
	Add Water Charges @ 1%				16.25
	TOTAL				1641.39
	Add GST 12% on "X" (multiplying factor 0.1405)				230.62
	Total				1872.00 (Y)
	Add CPOH @ 15%				280.80
	Cost of 10 nos				2152.80
	Cost of each				215.28
	labour cess @1%				2.15
	Rate including labour cess				217.43
		Say Rs.	217.40	Each	
9.72.2	125x70x4 mm (ordinary type)				
	Details of cost for 10 nos.				
	MATERIAL:				
0378	Brass butt hinges (light/ordinary type) : 125x70x4 mm	10 Nos	10.00	775.00	775.00
0449	Brass screws 50 mm	100 Nos	100.00	220.00	220.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
	TOTAL				1091.14
	Add Water Charges @ 1%				10.91
	TOTAL				1102.05
	Add GST 12% on "X" (multiplying factor 0.1405)				154.84
	Total				1256.89 (Y)
	Add CPOH @ 15%				188.53
	Cost of 10 nos				1445.42
	Cost of each				144.54
	labour cess @1%				1.45
	Rate including labour cess				145.99
		Say Rs.	146.00	Each	
9.72.3	100x85x5.5 mm (heavy type)				
	Details of cost for 10 nos.				
	MATERIAL:				
0383	Brass butt hinges (heavy type):100x85x5.5 mm(0.56 kg)	10 Nos	10.00	997.00	997.00

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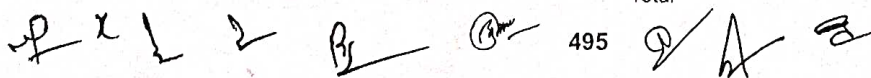
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0450	Brass screws 40 mm	100 Nos	80.00	170.00	136.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
LABOUR:					
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
TOTAL					1227.21
Add Water Charges @ 1%					12.27
TOTAL					1239.48
Add GST 12% on "X" (multiplying factor 0.1405)					174.15
Total					1413.63 (Y)
Add CPOH @ 15%					212.04
Cost of 10 nos					1625.67
Cost of each					162.57
labour cess @1%					1.63
Rate including labour cess					164.19
			Say Rs.	164.20	Each
9.72.4 100x70x4 mm (ordinary type)					
Details of cost for 10 nos.					
MATERIAL:					
0379	Brass butt hinges (light/ordinary type) : 100x70x4 mm	10 Nos	10.00	625.00	625.00
0450	Brass screws 40 mm	100 Nos	80.00	170.00	136.00
9999 ¹	Carriage of materials	L.S.	2.73	2.12	5.79
LABOUR:					
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
TOTAL					855.21
Add Water Charges @ 1%					8.55
TOTAL					863.76
Add GST 12% on "X" (multiplying factor 0.1405)					121.36
Total					985.12 (Y)
Add CPOH @ 15%					147.77
Cost of 10 nos					1132.89
Cost of each					113.29
labour cess @1%					1.13
Rate including labour cess					114.42
			Say Rs.	114.40	Each
9.72.5 75x65x4 mm (heavy type)					
Details of cost for 10 nos.					
MATERIAL:					
0384	Brass butt hinges (heavy type) :75x65x4.0 mm(0.20 kg)	10 Nos	10.00	838.00	838.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
LABOUR:					
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
TOTAL					1016.21
Add Water Charges @ 1%					10.16
TOTAL					1026.37
Add GST 12% on "X" (multiplying factor 0.1405)					144.20
Total					1170.57 (Y)
Add CPOH @ 15%					175.59
Cost of 10 nos					1346.16
Cost of each					134.62
labour cess @1%					1.35
Rate including labour cess					135.96
			Say Rs.	136.00	Each

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.72.6	75x40x2.5 mm (ordinary type)				
	Details of cost for 10 nos.				
	MATERIAL:				
0380	Brass butt hinges (light/ordinary type) : 75x40x2.5 mm	10 Nos	10.00	380.00	380.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.10	306.00	30.60
	TOTAL				558.21
	Add Water Charges @ 1%				5.58
	TOTAL				563.79
	Add GST 12% on "X" (multiplying factor 0.1405)				79.21
	Total				643.00 (Y)
	Add CPOH @ 15%				96.45
	Cost of 10 nos				739.45
	Cost of each				73.95
	labour cess @1%				0.74
	Rate including labour cess				74.68
		Say Rs.	74.70	Each	
9.72.7	50x40x2.5 mm (ordinary type)				
	Details of cost for 10 nos.				
	MATERIAL:				
0381	Brass butt hinges (light/ordinary type) : 50x40x2.5 mm	10 Nos	10.00	155.00	155.00
0453	Brass screws 20 mm	100 Nos	40.00	95.00	38.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				229.90
	Add Water Charges @ 1%				2.30
	TOTAL				232.20
	Add GST 12% on "X" (multiplying factor 0.1405)				32.62
	Total				264.82 (Y)
	Add CPOH @ 15%				39.72
	Cost of 10 nos				304.54
	Cost of each				30.45
	labour cess @1%				0.30
	Rate including labour cess				30.76
		Say Rs.	30.80	Each	
9.73	Providing and fixing bright finished brass parliamentary hinges with necessary screws etc. complete:				
9.73.1	150x125x27x5 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0385	Brass parliamentary hinges 150x125x27x5 mm	10 Nos	10.00	2610.00	2610.00
0450	Brass screws 40 mm	100 Nos	80.00	170.00	136.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				2852.45
	Add Water Charges @ 1%				28.52
	TOTAL				2880.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				404.78
	Total				3285.75 (Y)

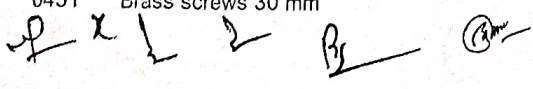

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15% on "Y"				492.86
	Cost of 10 nos				3778.61
	Cost of each				377.86
	labour cess @1%				3.78
	Rate including labour cess				381.64
		Say Rs.	381.60	Each	
9.73.2	125x125x27x5 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0386	Brass parliamentary hinges 125x125x27x5 mm	10 Nos	10.00	2300.00	2300.00
0450	Brass screws 40 mm	100 Nos	80.00	170.00	136.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				2542.45
	Add Water Charges @ 1%				25.42
	TOTAL				2567.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				360.79
	Total				2928.66 (Y)
	Add CPOH @ 15% on "Y"				439.30
	Cost of 10 nos				3367.96
	Cost of each				336.80
	labour cess @1%				3.37
	Rate including labour cess				340.16
		Say Rs.	340.20	Each	
9.73.3	100x125x27x5 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0387	Brass parliamentary hinges 100x125x27x5 mm	10 Nos	10.00	2090.00	2090.00
0450	Brass screws 40 mm	100 Nos	80.00	170.00	136.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				2332.45
	Add Water Charges @ 1%				23.32
	TOTAL				2355.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				330.99
	Total				2686.76 (Y)
	Add CPOH @ 15% on "Y"				403.01
	Cost of 10 nos				3089.77
	Cost of each				308.98
	labour cess @1%				3.09
	Rate including labour cess				312.07
		Say Rs.	312.10	Each	
9.73.4	75x100x20x3.2 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0388	Brass parliamentary hinges 75x100x20x3.2 mm	10 Nos	10.00	1870.00	1870.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.14	306.00	42.84

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				2060.45
	Add Water Charges @ 1%				20.60
	TOTAL				2081.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				292.39
	Total				2373.44 (Y)
	Add CPOH @ 15% on "Y"				356.02
	Cost of 10 nos				2729.46
	Cost of each				272.95
	labour cess @1%				2.73
	Rate including labour cess				275.68
		Say Rs.	275.70	Each	
9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete:				
9.74.1	250x10 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0400	Brass tower bolt (barrel type) 250x10 mm	each	10.00	257.00	2570.00
0451	Brass screws 30 mm	100 Nos	100.00	140.00	140.00
9999	Carriage of materials	L.S.	4.55	2.12	9.65
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				2760.95
	Add Water Charges @ 1%				27.61
	TOTAL				2788.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				391.79
	Total				3180.35 (Y)
	Add CPOH @ 15% on "Y"				477.05
	Cost of 10 nos				3657.40
	Cost of each				365.74
	labour cess @1%				3.66
	Rate including labour cess				369.40
		Say Rs.	369.40	Each	
9.74.2	200x10 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0401	Brass tower bolt (barrel type) 200x10 mm	each	10.00	205.00	2050.00
0451	Brass screws 30 mm	100 Nos	80.00	140.00	112.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				2209.09
	Add Water Charges @ 1%				22.09
	TOTAL				2231.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				313.48
	Total				2544.66 (Y)
	Add CPOH @ 15% on "Y"				381.70
	Cost of 10 nos				2926.36
	Cost of each				292.64
	labour cess @1%				2.93
	Rate including labour cess				295.56
		Say Rs.	295.60	Each	
9.74.3	150x10 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0402	Brass tower bolt (barrel type) 150x10 mm	each	10.00	154.00	1540.00
0451	Brass screws 30 mm	100 Nos	80.00	140.00	112.00

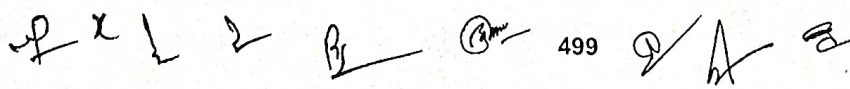


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1699.09
	Add Water Charges @ 1%				16.99
	TOTAL				1716.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				241.11
	Total				1957.19 (Y)
	Add CPOH @ 15% on "Y"				293.58
	Cost of 10 nos				2250.77
	Cost of each				225.08
	labour cess @1%				2.25
	Rate including labour cess				227.33
		Say Rs.	227.30	Each	
9.74.4	100x10 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0403	Brass tower bolt (barrel type) 100x10 mm	each	10.00	103.00	1030.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1161.09
	Add Water Charges @ 1%				11.61
	TOTAL				1172.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				164.76
	Total				1337.46 (Y)
	Add CPOH @ 15% on "Y"				200.62
	Cost of 10 nos				1538.08
	Cost of each				153.81
	labour cess @1%				1.54
	Rate including labour cess				155.35
		Say Rs.	155.30	Each	
9.75	Providing and fixing bright finished brass door latch with necessary screws etc. complete:				
9.75.1	300x16x5 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0411	Brass door latch 300x16x5 mm (0.380 kg)	each	10.00	185.00	1850.00
0452	Brass screws 25 mm	100 Nos	90.00	100.00	90.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
0111	LABOUR:				
	Carpenter 1 st class	day	0.12	413.00	49.56
	TOTAL				1997.28
	Add Water Charges @ 1%				19.97
	TOTAL				2017.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				283.42
	Total				2300.67 (Y)
	Add CPOH @ 15% on "Y"				345.10
	Cost of 10 nos				2645.77
	Cost of each				264.58
	labour cess @1%				2.65
	Rate including labour cess				267.22
		Say Rs.	267.20	Each	
9.75.2	250x16x5 mm				
	Details of cost for 10 nos.				
	MATERIAL:				

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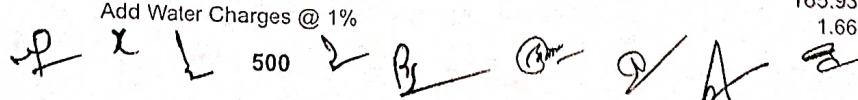
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0412	Brass door latch 250x16x5 mm (0.350 kg)	each	10.00	175.00	1750.00
0452	Brass screws 25 mm	100 Nos	90.00	100.00	90.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
LABOUR:					
0111	Carpenter 1 st class	day	0.12	413.00	49.56
TOTAL					1897.28
Add Water Charges @ 1%					18.97
TOTAL					1916.25 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					269.23
Total					2185.48 (Y)
Add CPOH @ 15% on "Y"					327.82
Cost of 10 nos					2513.31
Cost of each					251.33
labour cess @1%					2.51
Rate including labour cess					253.84
			Say Rs.	253.80	Each
9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.				
Details of cost for 1 no.					
MATERIAL:					
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	1.00	400.00	400.00
LABOUR:					
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws, carriage etc.)	L.S.	3.64	2.12	7.72
TOTAL					477.93
Add Water Charges @ 1%					4.78
TOTAL					482.71 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					67.82
Total					550.53 (Y)
Add CPOH @ 15% on "Y"					82.58
Cost of each					633.11
labour cess @1%					6.33
Rate including labour cess					639.44
			Say Rs.	639.40	Each
9.77	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete				
Details of cost for 1 no.					
MATERIAL:					
0414	Brass mortice latch 100x65mm with a pair of brass lever handles	each	1.00	310.00	310.00
LABOUR:					
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws, carriage etc.)	L.S.	3.64	2.12	7.72
TOTAL					387.93
Add Water Charges @ 1%					3.88
TOTAL					391.81 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					55.05
Total					446.85 (Y)
Add CPOH @ 15% on "Y"					67.03



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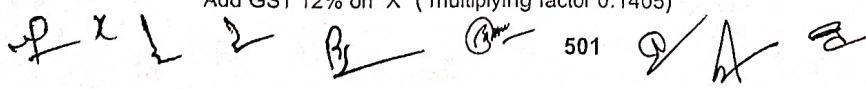
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of each				513.88
	labour cess @1%				5.14
	Rate including labour cess				519.02
		Say Rs.	519.00	Each	
9.78	Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.				
	Details of cost for 1 no.				
	MATERIAL:				
0438	Brass night latch	each	1.00	610.00	610.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws, carriage etc.)	L.S.	3.64	2.12	7.72
	TOTAL				687.93
	Add Water Charges @ 1%				6.88
	TOTAL				694.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				97.62
	Total				792.43 (Y)
	Add CPOH @ 15% on "Y"				118.86
	Cost of each				911.29
	labour cess @1%				9.11
	Rate including labour cess				920.40
		Say Rs.	920.40	Each	
9.79	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.				
9.79.1	40 mm				
	Details of cost for 1 no.				
	MATERIAL:				
2451	Brass cupboard lock 6 levers of approved quality, 40 mm size	each	1.00	57.00	57.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				134.93
	Add Water Charges @ 1%				1.35
	TOTAL				136.28 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				19.15
	Total				155.42 (Y)
	Add CPOH @ 15% on "Y"				23.31
	Cost of each				178.74
	labour cess @1%				1.79
	Rate including labour cess				180.52
		Say Rs.	180.50	Each	
9.79.2	50 mm				
	Details of cost for 1 no.				
	MATERIAL:				
2452	Brass cupboard lock 6 levers of approved quality, 50 mm size	each	1.00	88.00	88.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				165.93
	Add Water Charges @ 1%				1.66

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				167.59 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				23.55
	Total				191.13 (Y)
	Add CPOH @ 15% on "Y"				28.67
	Cost of each				219.80
	labour cess @1%				2.20
	Rate including labour cess				222.00
		Say Rs.	222.00		Each
9.79.3	65 mm				
	Details of cost for 1 no.				
	MATERIAL:				
2453	Brass cupboard lock 6 levers of approved quality, 65 mm size	each	1.00	93.00	93.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				170.93
	Add Water Charges @ 1%				1.71
	TOTAL				172.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				24.26
	Total				196.89 (Y)
	Add CPOH @ 15% on "Y"				29.53
	Cost of each				226.43
	labour cess @1%				2.26
	Rate including labour cess				228.69
		Say Rs.	228.70		Each
9.79.4	75 mm				
	Details of cost for 1 no.				
	MATERIAL:				
2454	Brass cupboard lock 6 levers of approved quality, 75 mm size	each	1.00	108.00	108.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				185.93
	Add Water Charges @ 1%				1.86
	TOTAL				187.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				26.38
	Total				214.17 (Y)
	Add CPOH @ 15% on "Y"				32.13
	Cost of each				246.30
	labour cess @1%				2.46
	Rate including labour cess				248.76
		Say Rs.	248.80		Each
9.80	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.				
	Details of cost for 10 nos				
	MATERIAL:				
0447	Brass cupboard knob or wardrobe knob 50 mm	each	10.00	36.00	360.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st-class	day	0.14	413.00	57.82
	TOTAL				423.61
	Add Water Charges @ 1%				4.24
	TOTAL				427.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				60.11



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				487.96 (Y)
	Add CPOH @ 15% on "Y"				73.19
	Cost of 10 nos				561.15
	Cost of each				56.11
	labour cess @1%				0.56
	Rate including labour cess				56.68
		Say Rs.	56.70	Each	
9.81	Providing and fixing bright finished brass handles with screws etc. complete:				
9.81.1	125 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0408	Brass handles 125 mm with plate 175x32 mm	each	10.00	144.00	1440.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1510.57
	Add Water Charges @ 1%				15.11
	TOTAL				1525.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				214.36
	Total				1740.03 (Y)
	Add CPOH @ 15% on "Y"				261.00
	Cost of 10 nos				2001.03
	Cost of each				200.10
	labour cess @1%				2.00
	Rate including labour cess				202.10
		Say Rs.	202.10	Each	
9.81.2	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0409	Brass handles 100 mm with plate 150x32 mm	each	10.00	133.00	1330.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1396.71
	Add Water Charges @ 1%				13.97
	TOTAL				1410.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				198.20
	Total				1608.88 (Y)
	Add CPOH @ 15% on "Y"				241.33
	Cost of 10 nos				1850.21
	Cost of each				185.02
	labour cess @1%				1.85
	Rate including labour cess				186.87
		Say Rs.	186.90	Each	
9.81.3	75 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0410	Brass handles 75 mm with plate 125x32 mm	each	10.00	103.00	1030.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1096.71
	Add Water Charges @ 1%				10.97
	TOTAL				1107.68 (X)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				155.63
	Total				1263.30 (Y)
	Add CPOH @ 15% on "Y"				189.50
	Cost of 10 nos				1452.80
	Cost of each				145.28
	labour cess @1%				1.45
	Rate including labour cess				146.73
		Say Rs.	146.70	Each	
9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.				
	Details of cost for 10 hanging floor door stoppers.				
	MATERIAL:				
2455	Brass hanging type door stopper 150 mm	each	10.00	77.00	770.00
0452	Brass screws 25 mm	100 Nos	20.00	100.00	20.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.03	413.00	12.39
	TOTAL				808.18
	Add Water Charges @ 1%				8.08
	TOTAL				816.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				114.68
	Total				930.94 (Y)
	Add CPOH @ 15% on "Y"				139.64
	Cost of 10 nos				1070.59
	Cost of each				107.06
	labour cess @1%				1.07
	Rate including labour cess				108.13
		Say Rs.	108.10	Each	
9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
2456	Hydraulic door closer bottle type M.S. body with necessary accessories and screws complete	each	10.00	686.00	6860.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	369.00	369.00
	TOTAL				7320.72
	Add Water Charges @ 1%				73.21
	TOTAL				7393.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1038.85
	Total				8432.77 (Y)
	Add CPOH @ 15% on "Y"				1264.92
	Cost of 10 nos				9697.69
	Cost of each				969.77
	labour cess @1%				9.70
	Rate including labour cess				979.47
		Say Rs.	979.50	Each	

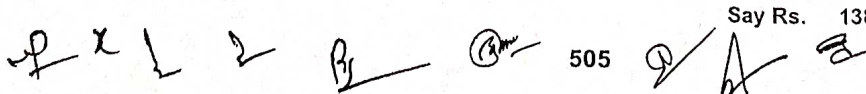

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
7060	Hydraulic door closer tubular type Aluminium section body	each	10.00	560.00	5600.00
0451	Brass screws 30 mm	100 Nos	60.00	140.00	84.00
9999	Carriage of materials	L.S.	1.00	2.12	2.12
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	369.00	369.00
	TOTAL				6055.12
	Add Water Charges @ 1%				60.55
	TOTAL				6115.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				859.25
	Total				6974.92 (Y)
	Add CPOH @ 15% on "Y"				1046.24
	Cost of 10 nos				8021.16
	Cost of each				802.12
	labour cess @1%				8.02
	Rate including labour cess				810.14
		Say Rs.	810.10	Each	
9.85	Providing and fixing bright finished brass casement window fastener with necessary screws etc.complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
0423	Brass casement window fastener	each	10.00	45.00	450.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				533.23
	Add Water Charges @ 1%				5.33
	TOTAL				538.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				75.67
	Total				614.23 (Y)
	Add CPOH @ 15% on "Y"				92.13
	Cost of 10 nos				706.36
	Cost of each				70.64
	labour cess @1%				0.71
	Rate including labour cess				71.34
		Say Rs.	71.30	Each	
9.86	Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete:				
9.86.1	300 mm weighing not less than 330 gms				
	Details of cost for 10 nos.				
	MATERIAL:				

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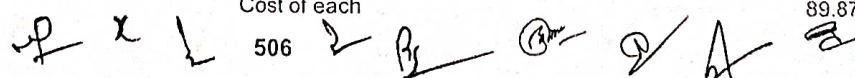
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	10.00	126.00	1260.00
0451	Brass screws 30 mm	100 Nos	40.00	140.00	56.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
0111	LABOUR: Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1359.23
	Add Water Charges @ 1%				13.59
	TOTAL				1372.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				192.88
	Total				1565.70 (Y)
	Add CPOH @ 15% on "Y"				234.86
	Cost of 10 nos				1800.56
	Cost of each				180.06
	labour cess @1%				1.80
	Rate including labour cess				181.86
		Say Rs.	181.90	Each	
9.86.2	250 mm weighing not less than 280 gms				
	Details of cost for 10 nos.				
	MATERIAL:				
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	10.00	100.00	1000.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
0111	LABOUR: Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1083.23
	Add Water Charges @ 1%				10.83
	TOTAL				1094.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				153.72
	Total				1247.78 (Y)
	Add CPOH @ 15% on "Y"				187.17
	Cost of 10 nos				1434.94
	Cost of each				143.49
	labour cess @1%				1.43
	Rate including labour cess				144.93
		Say Rs.	144.90	Each	
9.86.3	200 mm weighing not less than 240 gms				
	Details of cost for 10 nos.				
	MATERIAL:				
0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	10.00	95.00	950.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
0111	LABOUR: Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1033.23
	Add Water Charges @ 1%				10.33
	TOTAL				1043.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				146.62
	Total				1190.18 (Y)
	Add CPOH @ 15% on "Y"				178.53
	Cost of 10 nos				1368.71
	Cost of each				136.87
	labour cess @1%				1.37
	Rate including labour cess				138.24
		Say Rs.	138.20	Each	


 Say Rs. 138.20 Each
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.87	Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc.complete:				
9.87.1	150 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0431	Brass hasps and staples (safety type) 150 mm	10 Nos	10.00	740.00	740.00
0452	Brass screws 25 mm	100 Nos	80.00	100.00	80.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				856.90
	Add Water Charges @ 1%				8.57
	TOTAL				865.47 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				121.60
	Total				987.07 (Y)
	Add CPOH @ 15% on "Y"				148.06
	Cost of 10 nos				1135.13
	Cost of each				113.51
	labour cess @1%				1.14
	Rate including labour cess				114.65
		Say Rs.	114.60	Each	
9.87.2	115 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0432	Brass hasps and staples (safety type) 115 mm	10 Nos	10.00	670.00	670.00
0453	Brass screws 20 mm	100 Nos	70.00	95.00	66.50
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				773.40
	Add Water Charges @ 1%				7.73
	TOTAL				781.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				109.75
	Total				890.88 (Y)
	Add CPOH @ 15% on "Y"				133.63
	Cost of 10 nos				1024.51
	Cost of each				102.45
	labour cess @1%				1.02
	Rate including labour cess				103.48
		Say Rs.	103.50	Each	
9.87.3	90 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0433	Brass hasps and staples (safety type) 90 mm	10 Nos	10.00	575.00	575.00
0453	Brass screws 20 mm	100 Nos	70.00	95.00	66.50
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				678.40
	Add Water Charges @ 1%				6.78
	TOTAL				685.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				96.27
	Total				781.45 (Y)
	Add CPOH @ 15% on "Y"				117.22
	Cost of 10 nos				898.67
	Cost of each				89.87

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	labour cess @1%				0.90
	Rate including labour cess				90.77
		Say Rs.	90.80	Each	
9.88	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.				
	Details of cost for 1 no.				
	MATERIAL:				
0558	Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	1.00	470.00	470.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws, carriage etc.)	L.S.	3.64	2.12	7.72
	TOTAL				547.93
	Add Water Charges @ 1%				5.48
	TOTAL				553.41 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				77.75
	Total				631.16 (Y)
	Add CPOH @ 15% on "Y"				94.67
	Cost of each				725.83
	labour cess @1%				7.26
	Rate including labour cess				733.09
		Say Rs.	733.10	Each	
9.89	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete.				
	Details of cost for 1 no.				
	MATERIAL:				
0583	Chromium plated Brass Night latch	each	1.00	500.00	500.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws, carriage etc.)	L.S.	3.64	2.12	7.72
	TOTAL				577.93
	Add Water Charges @ 1%				5.78
	TOTAL				583.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				82.01
	Total				665.72 (Y)
	Add CPOH @ 15% on "Y"				99.86
	Cost of each				765.57
	labour cess @1%				7.66
	Rate including labour cess				773.23
		Say Rs.	773.20	Each	
9.90	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.				
9.90.1	Size 40 mm				
	Details of cost for 1 no.				
	MATERIAL:				
2468	Nickled Chromium Brass cupboard lock 40 mm size	each	1.00	63.00	63.00
	LABOUR:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				140.93
	Add Water Charges @ 1%				1.41
	TOTAL				142.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				20.00
	Total				162.33 (Y)
	Add CPOH @ 15% on "Y"				24.35
	Cost of each				186.68
	labour cess @1%				1.87
	Rate including labour cess				188.55
		Say Rs.	188.60	Each	
9.90.2	Size 50 mm				
	Details of cost for 1 No.				
	MATERIAL:				
2469	Nickled Chromium Brass cupboard lock 50 mm size	each	1.00	73.00	73.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				150.93
	Add Water Charges @ 1%				1.51
	TOTAL				152.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				21.42
	Total				173.85 (Y)
	Add CPOH @ 15% on "Y"				26.08
	Cost of each				199.93
	labour cess @1%				2.00
	Rate including labour cess				201.93
		Say Rs.	201.90	Each	
9.90.3	Size 65 mm				
	Details of cost for 1 No.				
	MATERIAL:				
2470	Nickled Chromium Brass cupboard lock 65 mm size	each	1.00	99.00	99.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				176.93
	Add Water Charges @ 1%				1.77
	TOTAL				178.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				25.11
	Total				203.80 (Y)
	Add CPOH @ 15% on "Y"				30.57
	Cost of each				234.37
	labour cess @1%				2.34
	Rate including labour cess				236.72
		Say Rs.	236.70	Each	
9.90.4	Size 75 mm				
	Details of cost for 1 No.				
	MATERIAL:				
2471	Nickled Chromium Brass cupboard lock 75 mm size	each	1.00	125.00	125.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries & screws	L.S.	3.64	2.12	7.72
	TOTAL				202.93
	Add Water Charges @ 1%				2.03
	TOTAL				204.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				28.80
	Total				233.75 (Y)
	Add CPOH @ 15% on "Y"				35.06

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Cost of each				268.82
	labour cess @1%				2.69
	Rate including labour cess				271.50
		Say Rs.	271.50	Each	
9.91	Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
0584	Chromium plated Brass Wardrobe Knob 50 mm	each	10.00	80.00	800.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
	TOTAL				863.61
	Add Water Charges @ 1%				8.64
	TOTAL				872.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				122.55
	Total				994.79 (Y)
	Add CPOH @ 15% on "Y"				149.22
	Cost of 10 nos				1144.01
	Cost of each				114.40
	labour cess @1%				1.14
	Rate including labour cess				115.55
		Say Rs.	115.50	Each	
9.92	Providing and fixing chromium plated brass handles with necessary screws etc. complete:				
9.92.1	125 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0555	Chromium plated Brass handles 125 mm with plate 175 x32 mm	each	10.00	160.00	1600.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1670.57
	Add Water Charges @ 1%				16.71
	TOTAL				1687.27 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				237.06
	Total				1924.34 (Y)
	Add CPOH @ 15% on "Y"				288.65
	Cost of 10 nos				2212.99
	Cost of each				221.30
	labour cess @1%				2.21
	Rate including labour cess				223.51
		Say Rs.	223.50	Each	
9.92.2	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0556	Chromium plated Brass handles 100 mm with plate 150 x 32 mm	each	10.00	140.00	1400.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1466.71

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				14.67
	TOTAL				1481.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				208.13
	Total				1689.51 (Y)
	Add CPOH @ 15% on "Y"				253.43
	Cost of 10 nos				1942.94
	Cost of each				194.29
	labour cess @1%				1.94
	Rate including labour cess				196.24
		Say Rs.	196.20	Each	
9.92.3	75 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0557	Chromium plated Brass handles 75mm with plate 125x32 mm	each	10.00	125.00	1250.00
0452	Brass screws 25 mm	100 Nos	40.00	100.00	40.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				1316.71
	Add Water Charges @ 1%				13.17
	TOTAL				1329.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				186.85
	Total				1516.72 (Y)
	Add CPOH @ 15% on "Y"				227.51
	Cost of 10 nos				1744.23
	Cost of each				174.42
	labour cess @1%				1.74
	Rate including labour cess				176.17
		Say Rs.	176.20	Each	
9.93	Providing and fixing chromium plated brass casement window fastener with necessary screws etc.complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
0568	Chromium plated brass casement window fastener	each	10.00	90.00	900.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				1015.23
	Add Water Charges @ 1%				10.15
	TOTAL				1025.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				144.07
	Total				1169.45 (Y)
	Add CPOH @ 15% on "Y"				175.42
	Cost of 10 nos				1344.86
	Cost of each				134.49
	labour cess @1%				1.34
	Rate including labour cess				135.83
		Say Rs.	135.80	Each	
9.94	Providing and fixing chromium plated brass casement stays (straight peg type) with necessary screws etc. complete :				
9.94.1	300 mm weighing not less than 330 gms				
	Details of cost for 10 nos.				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
MATERIAL:					
0569	Chromium plated Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	10.00	140.00	1400.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
LABOUR:					
0111	Carpenter 1 st class	day	0.10	413.00	41.30
TOTAL					1515.23
Add Water Charges @ 1%					15.15
TOTAL					1530.38 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					215.02
Total					1745.40 (Y)
Add CPOH @ 15% on "Y"					261.81
Cost of 10 nos					2007.21
Cost of each					200.72
labour cess @1%					2.01
Rate including labour cess					202.73
			Say Rs.	202.70	Each
9.94.2	250 mm weighing not less than 280 gms				
Details of cost for 10 nos.					
MATERIAL:					
0570	Chromium plated Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	10.00	120.00	1200.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
LABOUR:					
0111	Carpenter 1 st class	day	0.10	413.00	41.30
TOTAL					1315.23
Add Water Charges @ 1%					13.15
TOTAL					1328.38 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					186.64
Total					1515.02 (Y)
Add CPOH @ 15% on "Y"					227.25
Cost of 10 nos					1742.27
Cost of each					174.23
labour cess @1%					1.74
Rate including labour cess					175.97
			Say Rs.	176.00	Each
9.94.3	200 mm weighing not less than 240 gms				
Details of cost for 10 nos.					
MATERIAL:					
0571	Chromium plated Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	10.00	100.00	1000.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
LABOUR:					
0111	Carpenter 1 st class	day	0.10	413.00	41.30
TOTAL					1115.23
Add Water Charges @ 1%					11.15
TOTAL					1126.38 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					158.26
Total					1284.64 (Y)
Add CPOH @ 15% on "Y"					192.70
Cost of 10 nos					1477.33
Cost of each					147.73
labour cess @1%					1.48
Rate including labour cess					149.21
			Say Rs.	149.20	Each

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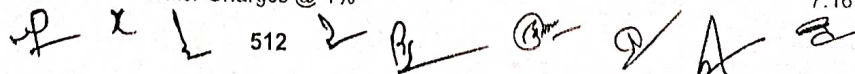
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.95	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :				
9.95.1	125x75x4 mm Details of cost for 10 nos.				
	MATERIAL:				
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	10.00	560.00	560.00
0585	Chromium plated Brass screws 50 mm	100 Nos	100.00	300.00	300.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				953.08
	Add Water Charges @ 1%				9.53
	TOTAL				962.61 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				135.25
	Total				1097.85 (Y)
	Add CPOH @ 15% on "Y"				164.68
	Cost of 10 nos				1262.53
	Cost of each				126.25
	labour cess @1%				1.26
	Rate including labour cess				127.52
		Say Rs.	127.50	Each	
9.95.2	125x63x4 mm Details of cost for 10 nos.				
	MATERIAL:				
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	10.00	393.00	393.00
0585	Chromium plated Brass screws 50 mm	100 Nos	100.00	300.00	300.00
9999	Carriage of materials	L.S.	3.64	2.12	7.72
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				786.08
	Add Water Charges @ 1%				7.86
	TOTAL				793.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				111.55
	Total				905.49 (Y)
	Add CPOH @ 15% on "Y"				135.82
	Cost of 10 nos				1041.31
	Cost of each				104.13
	labour cess @1%				1.04
	Rate including labour cess				105.17
		Say Rs.	105.20	Each	
9.95.3	100x75x4 mm Details of cost for 10 nos.				
	MATERIAL:				
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	10.00	393.00	393.00
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	290.00	232.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				716.15
	Add Water Charges @ 1%				7.16

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				723.31 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				101.62
	Total				824.93 (Y)
	Add CPOH @ 15% on "Y"				123.74
	Cost of 10 nos				948.67
	Cost of each				94.87
	labour cess @1%				0.95
	Rate including labour cess				95.82
	Say Rs. 95.80 Each				
9.95.4	100x63x4 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	10.00	324.00	324.00
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	290.00	232.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				647.15
	Add Water Charges @ 1%				6.47
	TOTAL				653.62 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				91.83
	Total				745.45 (Y)
	Add CPOH @ 15% on "Y"				111.82
	Cost of 10 nos				857.27
	Cost of each				85.73
	labour cess @1%				0.86
	Rate including labour cess				86.58
	Say Rs. 86.60 Each				
9.95.5	100x63x3.2 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	10.00	270.00	270.00
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	290.00	232.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				593.15
	Add Water Charges @ 1%				5.93
	TOTAL				599.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				84.17
	Total				683.25 (Y)
	Add CPOH @ 15% on "Y"				102.49
	Cost of 10 nos				785.74
	Cost of each				78.57
	labour cess @1%				0.79
	Rate including labour cess				79.36
	Say Rs. 79.40 Each				
9.95.6	75x63x4 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	10.00	275.00	275.00
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	240.00	144.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				508.22
	Add Water Charges @ 1%				5.08
	TOTAL				513.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				72.12
	Total				585.42 (Y)
	Add CPOH @ 15% on "Y"				87.81
	Cost of 10 nos				673.23
	Cost of each				67.32
	labour cess @1%				0.67
	Rate including labour cess				68.00
		Say Rs.	68.00	Each	
9.95.7	75x63x3.2 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	10.00	226.00	226.00
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	240.00	144.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				459.22
	Add Water Charges @ 1%				4.59
	TOTAL				463.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				65.17
	Total				528.98 (Y)
	Add CPOH @ 15% on "Y"				79.35
	Cost of 10 nos				608.32
	Cost of each				60.83
	labour cess @1%				0.61
	Rate including labour cess				61.44
		Say Rs.	61.40	Each	
9.95.8	75x45x3.2 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	10.00	196.00	196.00
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	240.00	144.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	413.00	57.82
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				429.22
	Add Water Charges @ 1%				4.29
	TOTAL				433.51 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				60.91
	Total				494.42 (Y)
	Add CPOH @ 15% on "Y"				74.16
	Cost of 10 nos				568.58
	Cost of each				56.86
	labour cess @1%				0.57
	Rate including labour cess				57.43
		Say Rs.	57.40	Each	
9.96	Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete:				
9.96.1	300x16 mm				
	Details of cost for 10 nos.				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
0696	Anodised Aluminium sliding door bolt 300x16 mm	each	10.00	147.00	1470.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	5.46	2.12	11.58
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
	TOTAL				1760.08
	Add Water Charges @ 1%				17.60
	TOTAL				1777.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				249.76
	Total				2027.44 (Y)
	Add CPOH @ 15% on "Y"				304.12
	Cost of 10 nos				2331.56
	Cost of each				233.16
	labour cess @1%				2.33
	Rate including labour cess				235.49
9.96.2	250x16 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0697	Anodised Aluminium sliding door bolt 250x16 mm	each	10.00	128.00	1280.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	5.46	2.12	11.58
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
	TOTAL				1570.08
	Add Water Charges @ 1%				15.70
	TOTAL				1585.78 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				222.80
	Total				1808.58 (Y)
	Add CPOH @ 15% on "Y"				271.29
	Cost of 10 nos				2079.86
	Cost of each				207.99
	labour cess @1%				2.08
	Rate including labour cess				210.07
		Say Rs.	210.10	Each	
9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws etc. complete:				
9.97.1	300x10 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0698	Anodised Aluminium tower bolt (barrel.type) 300x10 mm	10 Nos	10.00	580.00	580.00
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	240.00	192.00
9999	Carriage of materials	L.S.	4.42	2.12	9.37
	LABOUR:				
0111	Carpenter 1 st class	day	0.13	413.00	51.63
	TOTAL				833.00
	Add Water Charges @ 1%				8.33
	TOTAL				841.33 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				118.21
	Total				959.53 (Y)
	Add CPOH @ 15% on "Y"				143.93
	Cost of 10 nos				1103.46
	Cost of each				110.35
	labour cess @1%				1.10

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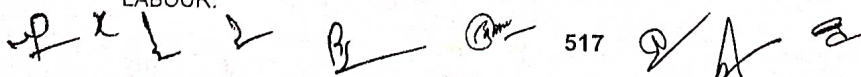
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Rate including labour cess				111.45
9.97.2	250x10 mm	Say Rs.	111.40	Each	
	Details of cost for 10 nos.				
	MATERIAL:				
0699	Anodised Aluminium tower bolt (barrel type) 250x10 mm	10 Nos	10.00	481.00	481.00
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	240.00	192.00
9999	Carriage of materials	L.S.	4.42	2.12	9.37
	LABOUR:				
0111	Carpenter 1 st class	day	0.13	413.00	51.63
	TOTAL				734.00
	Add Water Charges @ 1%				7.34
	TOTAL				741.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				104.16
	Total				845.49 (Y)
	Add CPOH @ 15% on "Y"				126.82
	Cost of 10 nos				972.32
	Cost of each				97.23
	labour cess @1%				0.97
	Rate including labour cess				98.20
9.97.3	200x10 mm	Say Rs.	98.20	Each	
	Details of cost for 10 nos.				
	MATERIAL:				
0700	Anodised Aluminium tower bolt (barrel type) 200x10 mm	10 Nos	10.00	383.00	383.00
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	240.00	192.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.13	413.00	51.63
	TOTAL				632.41
	Add Water Charges @ 1%				6.32
	TOTAL				638.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				89.74
	Total				728.48 (Y)
	Add CPOH @ 15% on "Y"				109.27
	Cost of 10 nos				837.75
	Cost of each				83.78
	labour cess @1%				0.84
	Rate including labour cess				84.61
9.97.4	150x10 mm	Say Rs.	84.60	Each	
	Details of cost for 10 nos.				
	MATERIAL:				
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	10.00	304.00	304.00
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	240.00	192.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				534.83
	Add Water Charges @ 1%				5.35
	TOTAL				540.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				75.89
	Total				616.07 (Y)
	Add CPOH @ 15% on "Y"				92.41
	Cost of 10 nos				708.48
	Cost of each				70.85
	labour cess @1%				0.71
	Rate including labour cess				71.56
		Say Rs.	71.60	Each	

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.97.5	100x10 mm Details of cost for 10 nos.				
	MATERIAL:				
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	10 Nos	10.00	226.00	226.00
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	240.00	144.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	413.00	33.04
	TOTAL				408.83
	Add Water Charges @ 1%				4.09
	TOTAL				412.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				58.01
	Total				470.93 (Y)
	Add CPOH @ 15% on "Y"				70.64
	Cost of 10 nos				541.57
	Cost of each				54.16
	labour cess @1%				0.54
	Rate including labour cess				54.70
		Say Rs.	54.70	Each	
9.98	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete. Details of cost for 10 pull bolt lock				
	MATERIAL:				
2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	10.00	48.00	480.00
9999	Carriage of materials	L.S.	6.37	2.12	13.50
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
	TOTAL				585.75
	Add Water Charges @ 1%				5.86
	TOTAL				591.61 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				83.12
	Total				674.73 (Y)
	Add CPOH @ 15% on "Y"				101.21
	Cost of 10 nos				775.94
	Cost of each				77.59
	labour cess @1%				0.78
	Rate including labour cess				78.37
		Say Rs.	78.40	Each	
9.99	Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS :1868), transparent or dyed to required colour or shade, with necessary screws etc. complete. Details of cost for 10 nos.				
	MATERIAL:				
0706	Anodised Aluminium kicking plate 50 cm long 100x3.15 mm	each	10.00	142.00	1420.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	5.46	2.12	11.58
	LABOUR:				

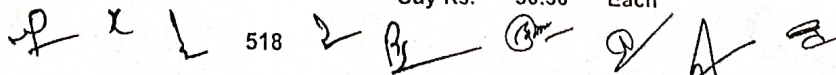


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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0111	Carpenter 1 st class	day	0.07	413.00	28.91
0114	Beldar	day	0.05	306.00	15.30
	TOTAL				1547.79
	Add Water Charges @ 1%				15.48
	TOTAL				1563.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				219.64
	Total				1782.90 (Y)
	Add CPOH @ 15% on "Y"				267.44
	Cost of 10 nos				2050.34
	Cost of each				205.03
	labour cess @1%				2.05
	Rate including labour cess				207.08
		Say Rs.	207.10	Each	
9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:				
9.100.1	125 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0703	Anodised Aluminium handles 125 mm with plate 175 x 32 mm	10 Nos	10.00	324.00	324.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				426.57
	Add Water Charges @ 1%				4.27
	TOTAL				430.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				60.53
	Total				491.37 (Y)
	Add CPOH @ 15% on "Y"				73.70
	Cost of 10 nos				565.07
	Cost of each				56.51
	labour cess @1%				0.57
	Rate including labour cess				57.07
		Say Rs.	57.10	Each	
9.100.2	100 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0704	Anodised Aluminium handles 100 mm with plate 150 x 32 mm	10 Nos	10.00	275.00	275.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				375.64
	Add Water Charges @ 1%				3.76
	TOTAL				379.39 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				53.30
	Total				432.70 (Y)
	Add CPOH @ 15% on "Y"				64.90
	Cost of 10 nos				497.60
	Cost of each				49.76
	labour cess @1%				0.50
	Rate including labour cess				50.26
		Say Rs.	50.30	Each	

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.100.3	75 mm				
	Details of cost for 10 nos.				
	MATERIAL:				
0705	Anodised Aluminium handles 75mm with plate 125 x 32 mm	10 Nos	10.00	231.00	231.00
0589	Chromium plated Brass screws 20 mm	100 nos	40.00	160.00	64.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	413.00	24.78
	TOTAL				323.64
	Add Water Charges @ 1%				3.24
	TOTAL				326.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				45.93
	Total				372.80 (Y)
	Add CPOH @ 15% on "Y"				55.92
	Cost of 10 nos				428.72
	Cost of each				42.87
	labour cess @1%				0.43
	Rate including labour cess				43.30
		Say Rs.	43.30	Each	
9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
9.101.1	Single rubber stopper				
	Details of cost for 10 nos.				
	MATERIAL:				
2459	Anodised Aluminium hanging type door stopper	each	10.00	20.00	200.00
0588	Chromium plated Brass screws 25 mm	100 Nos	20.00	180.00	36.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.03	413.00	12.39
	TOTAL				254.18
	Add Water Charges @ 1%				2.54
	TOTAL				256.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				36.07
	Total				292.79 (Y)
	Add CPOH @ 15% on "Y"				43.92
	Cost of 10 nos				336.71
	Cost of each				33.67
	labour cess @1%				0.34
	Rate including labour cess				34.01
		Say Rs.	34.00	Each	
9.101.2	Twin rubber stopper				
	Details of cost for 10 nos.				
	MATERIAL:				
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	10.00	40.00	400.00
0588	Chromium plated Brass screws 25 mm	100 Nos	20.00	180.00	36.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR:				
0111	Carpenter 1 st class	day	0.03	413.00	12.39
	TOTAL				454.18
	Add Water Charges @ 1%				4.54
	TOTAL				458.72 (X)

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				64.45
	Total				523.17 (Y)
	Add CPOH @ 15% on "Y"				78.48
	Cost of 10 nos				601.64
	Cost of each				60.16
	labour cess @1%				0.60
	Rate including labour cess				60.77
		Say Rs.	60.80		Each
9.102	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	Details of cost for 10 nos.				
	MATERIAL:				
2465	Anodised Aluminium Casement stay 250 mm	each	10.00	33.00	330.00
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	180.00	72.00
9999	Carriage of materials	L.S.	0.91	2.12	1.93
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	413.00	41.30
	TOTAL				445.23
	Add Water Charges @ 1%				4.45
	TOTAL				449.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				63.18
	Total				512.86 (Y)
	Add CPOH @ 15% on "Y"				76.93
	Cost of 10 nos				589.79
	Cost of each				58.98
	labour cess @1%				0.59
	Rate including labour cess				59.57
		Say Rs.	59.60		Each
9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete .				
	Details of cost for 1 lock				
	MATERIAL:				
7001	Brass 100mm mortice latch and lock with 6 levers without pair of handles	each	1.00	195.00	195.00
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	1.00	215.00	215.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries including carriage of materials	L.S.	4.55	2.12	9.65
	TOTAL				489.86
	Add Water Charges @ 1%				4.90
	TOTAL				494.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				69.51
	Total				564.27 (Y)
	Add CPOH @ 15% on "Y"				84.64
	Cost of each				648.91
	labour cess @1%				6.49
	Rate including labour cess				655.40
		Say Rs.	655.40		Each

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod. Details of cost for 2m long MATERIAL:				
7056	Aluminium tee channel (heavy duty) with rollers and stop end	metre	2.00	100.00	200.00
9999	Labour	L.S.	2.73	2.12	5.79
9999	Sundries	L.S.	1.43	2.12	3.03
	TOTAL				208.82
	Add Water Charges @ 1%				2.09
	TOTAL				210.91 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				29.63
	Total				240.54 (Y)
	Add CPOH @ 15% on "Y"				36.08
	Cost of 2 metre				276.62
	Cost of 1 metre				138.31
	labour cess @1%				1.38
	Rate including labour cess				139.69
				Say Rs. 139.70	Per metre
9.105	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.				
9.105.1	75 mm overall thickness partition with 12.5 mm thick double skin fire rated board conforming to IS:2095: part I Details of cost for 6.00x3.65 = 21.9 sqm (Partition Panel) MATERIAL:				
7366	Glass reinforced Gypsum (GRG) board 12.5 mm thick 50mm floor and ceiling channel 2x6.00 =12m	sqm	43.80	240.00	10512.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 48mm stud-72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	12.00	60.00	720.00
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm	metre	40.15	70.00	2810.50

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	10.00	220.00
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	22.00	396.00
0869	Plaster of Paris 88/100)x21.9 = 19.27	kilogram	19.27	5.00	96.35
0763	Glue 22/100)x21.90=4.82	kilogram	4.82	75.00	361.50
7018	Joint tape roll (120m roll) 300/100)x21.90/120 = 0.584 Nos	roll	0.58	90.00	52.56
7021	Primer (for gypsum board) 36/100)x21.90 = 7.88 litre	litre	7.88	70.00	551.60
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	38.00	167.20
1211	G.I. plain washer for seam bolts	100 Nos	32.00	32.00	10.24
9999	Sundries and carriage	L.S.	52.00	2.12	110.24
9999	Sundries scaffolding	L.S.	130.00	2.12	275.60
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class @ 0.3x21.90	day	6.57	413.00	2713.41
0112	Carpenter 2nd class @ 0.13x21.90	day	2.85	369.00	1050.54
0131	Painter @0.05x21.90	day	1.10	391.00	428.15
0114	Beldar @0.35x21.90	day	7.67	306.00	2345.49
	TOTAL				23048.74
	Add Water Charges @ 1%				230.49
	TOTAL				23279.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3270.73
	Total				26549.96 (Y)
	Add CPOH @ 15% on "Y"				3982.49
	Cost of 21.9 sqm				30532.45
	Cost of 1 sqm				1394.18
	labour cess @1%				13.94
	Rate including labour cess				1408.12

Say Rs. 1408.10 Per sqm

9.105.2 75 mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum board conforming to IS: 2095: part I

Details of cost for 6.00x3.65 = 21.9 sqm
(Partition Panel)

MATERIAL:

8717	12.5 mm thick Glass fibre reinforced Gypsum board Gypsum board -2x6.00x3.65=43.80sqm	sqm	43.80	181.49	7949.26
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 = 12m	metre	12.00	60.00	720.00
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	40.15	70.00	2810.50

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	10.00	220.00
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+ 1]x2= 18	each	18.00	22.00	396.00
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	5.00	96.35
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	75.00	361.50
7018	Joint tape roll (120m roll) (300/100)x21.90/120 = 0.584 Nos.	roll	0.58	90.00	52.56
7021	Primer (for gypsum board) (36/100)21.90 = 7.88 litre	litre	7.88	70.00	551.60
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	38.00	167.20
1211	G.I. plain washer for seam bolts	100 Nos	44.00	32.00	14.08
9999	Sundries carriage	L.S.	52.00	2.12	110.24
9999	Sundries scaffolding	L.S.	130.00	2.12	275.60
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class 0.3x21.90	day	6.57	413.00	2713.41
0112	Carpenter 2nd class 0.13x21.90	day	2.85	369.00	1050.54
0131	Painter 0.05x21.90	day	1.10	391.00	428.15
0114	Beldar 0.35x21.90	day	7.67	306.00	2345.49
	TOTAL				20489.84
	Add Water Charges @ 1%				204.90
	TOTAL				20694.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2907.61
	Total				23602.35 (Y)
	Add CPOH @ 15% on "Y"				3540.35
	Cost of 21.9 sqm				27142.70
	Cost of 1 sqm				1239.39
	labour cess @1%				12.39
	Rate including labour cess				1251.79

Say Rs. 1251.80 Per sqm

9.105.3 66 mm overall thickness Partition with 8 mm thick double skin Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process with Compressive Strength 225 kg/sq cm, Bending Strength 100 kg/ sq cm

Details of cost for 6.00x3.65 = 21.9 sqm.
(Partition Panel)

MATERIAL:

8699	8 mm thick tapered edge calcium silicate board	sqm	43.80	270.00	11826.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 = 12m	metre	12.00	60.00	720.00
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm	metre	40.15	70.00	2810.50

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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
7020	72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65= 40.15m All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	10.00	220.00
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	22.00	396.00
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	5.00	96.35
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	75.00	361.50
7018	Joint tape roll (120m roll)(300/100)x21.90/120 = 0.584 Nos	roll	0.58	90.00	52.56
7021	Primer (for gypsum board) (36/100)21.90 = 7.88 litre	litre	7.88	70.00	551.60
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	38.00	167.20
1211	G.I. plain washer for seam bolts	100 Nos	44.00	32.00	14.08
9999	Sundries carriage	L.S.	52.00	2.12	110.24
9999	Sundries scaffolding	L.S.	130.00	2.12	275.60
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class 0.3x21.90	day	6.57	413.00	2713.41
0112	Carpenter 2nd class 0.13x21.90	day	2.85	369.00	1050.54
0131	Painter 0.05x21.90	day	1.10	391.00	428.15
0114	Beldar 0.35x21.90	day	7.67	306.00	2345.49
	TOTAL				24366.58
	Add Water Charges @ 1%				243.67
	TOTAL				24610.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3457.74
	Total				28067.98 (Y)
	Add CPOH @ 15% on "Y"				4210.20
	Cost of 21.9 sqm				32278.18
	Cost of 1 sqm				1473.89
	labour cess @1%				14.74
	Rate including labour cess				1488.63
				Say Rs. 1488.60 Per sqm	

9.105.4 66 mm overall thickness partition using 8 mm thick double skin multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws

Details of cost for

MATERIAL:

0237	Multi purpose fibre (high impact poly propelene-reinforced) cement board 8 mm thick	sqm	43.80	220.00	9636.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 =12m	metre	12.00	60.00	720.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	40.15	70.00	2810.50
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	10.00	220.00
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	22.00	396.00
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	5.00	96.35
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	75.00	361.50
7018	Joint tape roll (120m roll) (300/100)x21.90/120 = 0.584 No	roll	0.58	90.00	52.56
7021	Primer (for gypsum board) (36/100)x21.90 = 7.88 litre	litre	7.88	70.00	551.60
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	38.00	167.20
1211	G.I. plain washer for seam bolts	100 Nos	44.00	32.00	14.08
9999	Sundries carriage	L.S.	52.00	2.12	110.24
9999	Sundries scaffolding	L.S.	130.00	2.12	275.60
Labour for 21.90 sqm.					
0111	Carpenter 1 st class 0.3x21.90	day	6.57	413.00	2713.41
0112	Carpenter 2nd class 0.13x21.90	day	2.85	369.00	1050.54
0131	Painter 0.05x21.90	day	1.10	391.00	428.15
0114	Beldar 0.35x21.90	day	7.67	306.00	2345.49

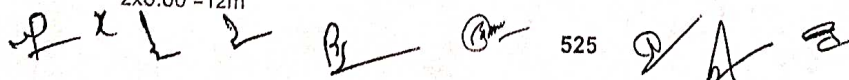
TOTAL	22176.58
Add Water Charges @ 1%	221.77
TOTAL	22398.34 (X)
Add GST 12% on "X" (multiplying factor 0.1405)	3146.97
Total	25545.31 (Y)
Add CPOH @ 15% on "Y"	3831.80
Cost of 21.9 sqm	29377.11
Cost of 1 sqm	1341.42
labour cess @1%	13.41
Rate including labour cess	1354.83

9.105.5 66 mm overall thickness partition using 8 mm thick double skin multipurpose cement bonded wood particle board manufactured as per IS: 14276 with suitable cement bonded board screws

Details of cost for 21.90 sqm

MATERIAL:

0243	Multipurpose cement bonded wood particle board 8 mm thick	sqm	43.80	215.00	9417.00
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 =12m	metre	12.00	60.00	720.00


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	40.15	70.00	2810.50
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	58.00	227.36
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	10.00	220.00
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	22.00	396.00
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	5.00	96.35
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	75.00	361.50
7018	Joint tape roll (120m roll) (300/100)x21.90/120 = 0.584 No	roll	0.58	90.00	52.56
7021	Primer (for gypsum board) (36/100)x21.90 = 7.88 litre	litre	7.88	70.00	551.60
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	38.00	167.20
1211	G.I. plain washer for seam bolts	100 Nos	44.00	32.00	14.08
9999	Sundries carriage	L.S.	52.00	2.12	110.24
9999	Sundries scaffolding	L.S.	130.00	2.12	275.60
Labour for 21.90 sqm.					
0111	Carpenter 1 st class 0.3x21.90	day	6.57	413.00	2713.41
0112	Carpenter 2nd class 0.13x21.90	day	2.85	369.00	1050.54
0131	Painter 0.05x21.90	day	1.10	391.00	428.15
0114	Beldar 0.35x21.90	day	7.67	306.00	2345.49
TOTAL					21957.58
Add Water Charges @ 1%					219.58
TOTAL					22177.15 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					3115.89
Total					25293.04 (Y)
Add CPOH @ 15% on "Y"					3793.96
Cost of 21.9 sqm					29087.00
Cost of 1 sqm					1328.17
labour cess @1%					13.28
Rate including labour cess					1341.46
			Say Rs.	1341.50	Per sqm

9.106 Providing and fixing PTMT handles with necessary screws etc. complete.

9.106.1 125x34x24 mm weighing not less than 23 gms

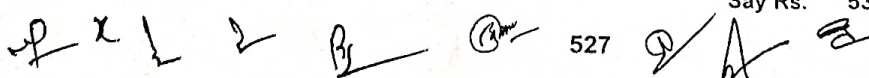
Details of cost for ten nos.

MATERIAL :

7512	PTMT handle 125x34x24 mm	each	10.00	20.00	200.00
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	40.00	40.00	16.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
LABOUR :					
0112	Carpenter 2nd class	day	0.06	369.00	22.14
	TOTAL				243.93
	Add Water Charges @ 1%				2.44
	TOTAL				246.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				34.61
	Total				280.98 (Y)
	Add CPOH @ 15% on "Y"				42.15
	Cost of 10 nos.				323.13
	Cost of each				32.31
	labour cess @1%				0.32
	Rate including labour cess				32.64
		Say Rs.	32.60	Each	
9.106.2	150x34x24 mm weighing not less than 26 gms				
	Details of cost for ten nos.				
MATERIAL :					
7513	PTMT handle 150x34x24 mm	each	10.00	20.00	200.00
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	40.00	40.00	16.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
LABOUR :					
0112	Carpenter 2nd class	day	0.06	369.00	22.14
	TOTAL				243.93
	Add Water Charges @ 1%				2.44
	TOTAL				246.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				34.61
	Total				280.98 (Y)
	Add CPOH @ 15% on "Y"				42.15
	Cost of 10 nos.				323.13
	Cost of each				32.31
	labour cess @1%				0.32
	Rate including labour cess				32.64
		Say Rs.	32.60	Each	
9.107	Providing and fixing PTMT Butt hinges with necessary screws etc. complete.				
9.107.1	75x60x10 mm fitted with 5.5 mm dia M.S. Bright Bar Rod weighing not less than 34 gms				
	Details of cost for ten nos.				
MATERIAL :					
7514	PTMT butt hinges 75x60x10 mm	each	10.00	29.00	290.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	60.00	45.00	27.00
9999	Carriage of materials	L.S.	1.82	2.12	3.86
LABOUR :					
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				400.06
	Add Water Charges @ 1%				4.00
	TOTAL				404.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				56.77
	Total				460.83 (Y)
	Add CPOH @ 15% on "Y"				69.12
	Cost of 10 nos.				529.95
	Cost of each				53.00
	labour cess @1%				0.53
	Rate including labour cess				53.53
		Say Rs.	53.50	Each	


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.107.2	100x75x10 mm fitted with 5.5 mm dia MS Bright Bar Rod weighing not less than 53 gms				
	Details of cost for ten nos.				
	MATERIAL :				
7515	PTMT butt hinges 100x75x10 mm	each	10.00	36.00	360.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	80.00	60.00	48.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR :				
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.09	306.00	27.54
	TOTAL				492.99
	Add Water Charges @ 1%				4.93
	TOTAL				497.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				69.96
	Total				567.87 (Y)
	Add CPOH @ 15% on "Y"				85.18
	Cost of 10 nos				653.06
	Cost of each				65.31
	labour cess @1%				0.65
	Rate including labour cess				65.96
		Say Rs.	66.00	Each	
9.108	Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc.,complete.				
9.108.1	152x42x18 mm weighing not less than 60 gms				
	Details of cost for ten nos				
	MATERIAL :				
7516	PTMT Tower bolt 152x42x18 mm	each	10.00	35.00	350.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	60.00	45.00	27.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR :				
0112	Carpenter 2nd class	day	0.08	369.00	29.52
	TOTAL				412.31
	Add Water Charges @ 1%				4.12
	TOTAL				416.43 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				58.51
	Total				474.94 (Y)
	Add CPOH @ 15% on "Y"				71.24
	Cost of 10 nos				546.18
	Cost of each				54.62
	labour cess @1%				0.55
	Rate including labour cess				55.16
		Say Rs.	55.20	Each	
9.108.2	202x42x18 mm weighing not less than 78 gms				
	Details of cost for ten nos				
	MATERIAL :				
7517	PTMT Tower bolt 202x42x18 mm	each	10.00	58.00	580.00
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	80.00	45.00	36.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR :				
0112	Carpenter 2nd class	day	0.10	369.00	36.90
	TOTAL				658.69

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				6.59
	TOTAL				665.27 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				93.47
	Total				758.75 (Y)
	Add CPOH @ 15% on "Y"				113.81
	Cost of 10 nos				872.56
	Cost of each				87.26
	labour cess @1%				0.87
	Rate including labour cess				88.13
		Say Rs.	88.10	Each	
9.109	Providing and fixing PTMT door catcher of length 72 mm and dia. of 42 mm with suitable washers weighing not less than 33 gms.				
	Details of cost for ten nos				
	MATERIAL :				
7518	PTMT door catcher 72x42 mm	each	10.00	22.00	220.00
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	20.00	40.00	8.00
9999	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR :				
0111	Carpenter 1 st class	day	0.03	413.00	12.39
	TOTAL				246.18
	Add Water Charges @ 1%				2.46
	TOTAL				248.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				34.93
	Total				283.57 (Y)
	Add CPOH @ 15% on "Y"				42.54
	Cost of 10 nos				326.11
	Cost of each				32.61
	labour cess @1%				0.33
	Rate including labour cess				32.94
		Say Rs.	32.90	Each	
9.110	Providing and fixing Bamboo jaffery/ fencing consisting of superior quality 25 mm dia (Average) half cut bamboo placed vertically and fixed together with three numbers horizontal running members of hallock wood in scantling of section 50X25 mm, fixed with nails and G.I wire on existing support, complete as per direction of Engineer-in-Charge.				
	Details of cost for a bamboo jaffery of size 1.00mx2.10m = 2.10sqm				
	MATERIAL:				
	Bamboo 25mm of 100/ 2.50 = 40 Nos Half cut off = 40/2 = 20 Nos. x 2.10 = 42.00m Add wastage @ 15% = 6.30m				
	Total = 48.30m				
	Rate of Bamboo 25 mm dia 2.5 metre long for one score i.e. 20nos is Rs. 192 for 48.30m qty 48.30 / (2.5*20) = 0.966				
0305	Bamboo 25 mm dia 2.5 metre long	score	0.97	400.00	386.40
9999	Carriage of bamboo	L.S.	4.83	2.12	10.24
2466	Hollock wood in scantling	10 cudm	3.94	357.00	140.66
	3 Nos. (1.00 x 0.05 x 0.025) = 0.00375 cum Add wastage				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	@ 5% = 0.00019 cum Total = 0.00394 cum or 3.94 cudm				
2204	Carriage of timber	cum	0.004	187.35	0.74
9999	Nails and wire	L.S.	20.25	2.12	42.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	10.05	2.12	21.31
	TOTAL				771.02
	Add Water Charges @ 1%				7.71
	TOTAL				778.73 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				109.41
	Total				888.14 (Y)
	Add CPOH @ 15% on "Y"				133.22
	Cost of 2.1 sqm				1021.37
	Cost of 1 sqm				486.36
	labour cess @1%				4.86
	Rate including labour cess				491.23
		Say Rs.	491.20		per sqm
9.111	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood.				
9.111.1	50x50 mm (base and height)				
	Details of cost for beading = 5.00 m				
	MATERIAL:				
	Teak wood 2nd class in plan ks 5.00x.05x.05/2 =				
	0.00625 cum Add wastage @10% = 0.00063 Total =				
	0.00688 cum say 6.88 cudm				
1190	Second class teak wood in planks	10 cudm	6.88	791.00	544.21
2204	Carriage of timber	cum	0.01	187.35	1.29
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	6.00	60.00	3.60
	Priming coat Area 5.0 x (.05 + .05) = 0.50 sqm				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.50	39.70	19.85 A
	LABOUR:				
	For plaining, fixing & making design				
0111	Carpenter 1 st class	day	0.75	413.00	309.75
	TOTAL				878.70
	Add Water Charges @ 1% except on A i.e on (878.696968 - 19.85)=				8.59
	TOTAL				887.29 (X)
	Add GST 12% on "X" except on A(multiplying factor 0.1405)				121.87
	Total				1009.16 (Y)
	Add CPOH @ 15% on "Y" except on A i.e on (1009.16011667404 - 19.85)=				148.40
	Cost of 5 metre				1157.56
	Cost of 1 metre				231.51
	labour cess @1%				2.32
	Rate including labour cess				233.83
		Say Rs.	233.80		per metre

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.112	Providing and fixing 2nd class teak wood lipping / moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws / nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-Charge.				
	Details of cost for 10.00 m				
	MATERIAL:				
8719	2nd class teak wood lipping / moulded beading or Taj beading of size 18X5 mm	metre	10.00	30.00	300.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	369.00	92.25
0114	Beldar	day	0.25	306.00	76.50
	TOTAL				468.75
	Add Water Charges @ 1%				4.69
	TOTAL				473.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				66.52
	Total				539.96 (Y)
	Add CPOH @ 15% on "Y"				80.99
	Cost of 10 metre				620.95
	Cost of 1 metre				62.09
	labour cess @1%				0.62
	Rate including labour cess				62.72
	Say Rs. 62.70 per metre				
9.113	Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerin- charge.				
	Details of cost for 1 No.				
8716	100 mm mortice lock with 6 levers for aluminium door	each	1.00	432.00	432.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.13	369.00	47.97
9999	Sundries (screws, carriage etc.)	L.S.	2.60	2.12	5.51
	TOTAL				485.48
	Add Water Charges @ 1%				4.85
	TOTAL				490.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				68.89
	Total				559.23 (Y)
	Add CPOH @ 15% on "Y"				83.88
	Cost of each				643.11
	labour cess @1%				6.43
	Rate including labour cess				649.54
	Say Rs. 649.50 Each				
9.114	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete .				
9.114.1	Triple strip vertical type				
	Details of cost for 1 No.				
	MATERIAL:				
8714	Magnetic catcher triple strip vertical type	each	1.00	28.00	28.00
9999	Sundries including screws and fixing charges.	L.S.	2.60	2.12	5.51

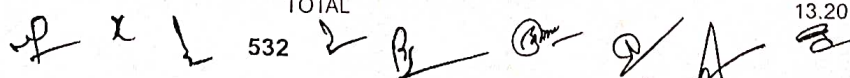
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				33.51
	Add Water Charges @ 1%				0.34
	TOTAL				33.85 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				4.76
	Total				38.60 (Y)
	Add CPOH @ 15% on "Y"				5.79
	Cost of each				44.39
	labour cess @1%				0.44
	Rate including labour cess				44.84
		Say Rs.	44.80	Each	
9.114.2	Double strip (horizontal type)				
	Details of cost for one no.				
	MATERIAL:				
8715	Magnetic catcher double strip horizontal type	each	1.00	20.00	20.00
9999	Sundries including screws and fixing charges.	L.S.	2.60	2.12	5.51
	TOTAL				25.51
	Add Water Charges @ 1%				0.26
	TOTAL				25.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3.62
	Total				29.39 (Y)
	Add CPOH @ 15% on "Y"				4.41
	Cost of each				33.80
	labour cess @1%				0.34
	Rate including labour cess				34.13
		Say Rs.	34.10	Each	
9.115	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.				
	Details of cost for 10 sets				
	MATERIAL:				
8703	Telescopic drawer channels 300 mm long	set	10.00	240.00	2400.00
9999	Carriage	L.S.	19.50	2.12	41.34
9999	Sundries including screws and fixing charges.	L.S.	100.10	2.12	212.21
	TOTAL				2653.55
	Add Water Charges @ 1%				26.54
	TOTAL				2680.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				376.55
	Total				3056.64 (Y)
	Add CPOH @ 15% on "Y"				458.50
	Cost of 10 sets				3515.14
	Cost of one set				351.51
	labour cess @1%				3.52
	Rate including labour cess				355.03
		Say Rs.	355.00	Each set	
9.116	Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)				
	Details of cost for 1 No.				
	MATERIAL:				
8704	Stainless steel roller for sliding arrangement in racks/ cupboards/cabinets shutter	each	1.00	11.00	11.00
9999	Labour for fixing	L.S.	1.04	2.12	2.20
	TOTAL				13.20

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add Water Charges @ 1%				0.13
	TOTAL				13.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1.87
	Total				15.21 (Y)
	Add CPOH @ 15% on "Y"				2.28
	Cost of each				17.49
	labour cess @1%				0.17
	Rate including labour cess				17.67
		Say Rs.	17.70	Each	
9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ±1mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge				
9.117.1	Extruded section profile size 48x40 mm				
	Details of cost for 5 metre				
	MATERIAL:				
8010	48mmX40mmX1.5mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	5.00	130.00	650.00
	LABOUR:				
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	4.68	2.12	9.92
	TOTAL				761.17
	Add Water Charges @ 1%				7.61
	TOTAL				768.78 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				108.01
	Total				876.80 (Y)
	Add CPOH @ 15% on "Y"				131.52
	Cost of 5 metre				1008.32
	Cost of 1 metre				201.66
	labour cess @1%				2.02
	Rate including labour cess				203.68
		Say Rs.	203.70	Per metre	
9.117.2	Extruded section profile size 42x50 mm				
	Details of cost for 5 metre				
	MATERIAL:				
8705	50 mmX42 mmX2 mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	5.00	166.00	830.00
	LABOUR:				
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	4.68	2.12	9.92
	TOTAL				941.17
	Add Water Charges @ 1%				9.41

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				950.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				133.56
	Total				1084.14 (Y)
	Add CPOH @ 15% on "Y"				162.62
	Cost of 5 metre				1246.76
	Cost of 1 metre				249.35
	labour cess @1%				2.49
	Rate including labour cess				251.85
	Say Rs. 251.80 Per metre				

9.118 Providing and fixing to existing door frames.

9.118.1 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

MATERIAL:

8001	24 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish including carriage	sqm	2.38	1085.93	2584.51
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LABOUR:

0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16

TOTAL 2897.68

Add Water Charges @ 1% 28.98

TOTAL 2926.65 (X)

Add GST 12% on "X" (multiplying factor 0.1405) 411.19

Total 3337.85 (Y)

Add CPOH @ 15% on "Y" 500.68

Cost of 2.38 sqm 3838.53

Cost of 1 sqm 1612.83

labour cess @1% 16.13

Rate including labour cess 1628.95

Say Rs. 1629.00 Per sqm

9.118.2 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
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Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

MATERIAL:

8002	30 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2.38	1248.82	2972.19
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LABOUR:

0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16

TOTAL 3285.35

Add Water Charges @ 1% 32.85

TOTAL 3318.21 (X)

Add GST 12% on "X" (multiplying factor 0.1405) 466.21

Total 3784.42 (Y)

Add CPOH @ 15% on "Y" 567.66

Cost of 2.38 sqm 4352.08

Cost of 1 sqm 1828.60

labour cess @1% 18.29

Rate including labour cess 1846.89

Say Rs. 1846.90 Per sqm

9.118.3 25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. An M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane-foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

MATERIAL:

8706	25 mm thick factory made PVC flush door shutter i/c carriage	sqm	2.38	1700.00	4046.00
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LABOUR:

0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16

TOTAL 4359.16

Add Water Charges @ 1% 43.59

TOTAL 4402.75

Add GST 12% on "X" (multiplying factor 0.1405) 618.59

Total 5021.34 (Y)

Add CPOH @ 15% on "Y" 753.20

Cost of 2.38 sqm 5774.54

Cost of 1 sqm 2426.28

labour cess @1% 24.26

Rate including labour cess 2450.54

Say Rs. 2450.50 Per sqm

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.				
	Details of cost for one door frame of 5 metre				
	MATERIAL:				
8011	Factory made door frame PVC extruded sheet i/c carriage	metre	5.00	260.00	1300.00
	LABOUR:				
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	7.80	2.12	16.54
	TOTAL				1417.79
	Add Water Charges @ 1%				14.18
	TOTAL				1431.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				201.19
	Total				1633.15 (Y)
	Add CPOH @ 15% on "Y"				244.97
	Cost of 5 metre				1878.13
	Cost of 1 metre				375.63
	labour cess @1%				3.76
	Rate including labour cess				379.38
		Say Rs.	379.40	Per metre	

9.120 Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.

9.120.1 30 mm thick plain PVC door shutters

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

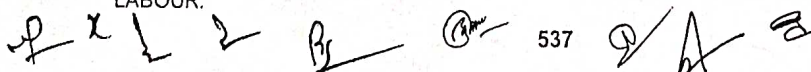
MATERIAL:

8003	Factory made PVC rigid foam panelled shutter i/c carriage	sqm	2.38	1547.45	3682.93
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.118	Providing and fixing to existing door frames. Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
0640	mm				
	LABOUR:				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
	TOTAL				4079.69
	Add Water Charges @ 1%				40.80
	TOTAL				4120.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				578.93
	Total				4699.42 (Y)
	Add CPOH @ 15% on "Y"				704.91
	Cost of 2.38 sqm				5404.33
	Cost of 1 sqm				2270.73
	labour cess @1%				22.71
	Rate including labour cess				2293.44
		Say Rs.	2293.40	Per sqm	
9.120.2	30 mm thick pre laminated PVC door shutters				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm				
	MATERIAL:				
8004	Factory made PVC rigid foam panelled shutter as per IS : 4020 i/c carriage	sqm	2.38	1547.45	3682.93
8100	Powder coated M.S. butt hinges 100 mm X58 mmX1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
	TOTAL				4079.69
	Add Water Charges @ 1%				40.80
	TOTAL				4120.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				578.93
	Total				4699.42 (Y)
	Add CPOH @ 15% on "Y"				704.91
	Cost of 2.38 sqm				5404.33
	Cost of 1 sqm				2270.73
	labour cess @1%				22.71
	Rate including labour cess				2293.44
		Say Rs.	2293.40	Per sqm	
9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.				
	Details of cost for one door frame of 5 metre				
	MATERIAL:				
8707	Factory made glass reinforced plastic door frame 90x45 mm i/c carriage	metre	5.00	480.00	2400.00
	LABOUR:				


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	7.80	2.12	16.54
	TOTAL				2517.79
	Add Water Charges @ 1%				25.18
	TOTAL				2542.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				357.29
	Total				2900.25 (Y)
	Add CPOH @ 15% on "Y"				435.04
	Cost of 5 metre				3335.29
	Cost of 1 metre				667.06
	labour cess @1%				6.67
	Rate including labour cess				673.73
			Say Rs.	673.70	Per metre

9.122 Providing and fixing to existing door frames.

9.122.1 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.

Details of cost for one door shutter
2.20x1.08m = 2.38 sqm

MATERIAL:

8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage	sqm	2.38	2326.00	5535.88
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80

LABOUR:

0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16

TOTAL 5932.64

Add Water Charges @ 1% 59.33

TOTAL 5991.97 (X)

Add GST 12% on "X" (multiplying factor 0.1405) 841.87

Total 6833.84 (Y)

Add CPOH @ 15% on "Y" 1025.08

Cost of 2.38 sqm 7858.92

Cost of 1 sqm 3302.07

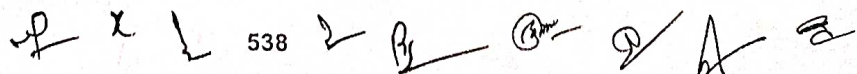
labour cess @1% 33.02

Rate including labour cess 3335.09

Say Rs. 3335.10 Per sqm

9.122.2 30 mm thick Fiber glass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
Details of cost for one door shutter 2.20x1.08m = 2.38 sqm					
MATERIAL:					
8730	30 mm thick factory made glass fiber reinforced plastic flush door shutter i/c carriage	sqm	2.38	2675.00	6366.50
8100	Powder coated M.S. butt hinges 100 mm X58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
TOTAL					6763.26
Add Water Charges @ 1%					67.63
TOTAL					6830.90 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					959.74
Total					7790.64 (Y)
Add CPOH @ 15% on "Y"					1168.60
Cost of 2.38 sqm					8959.23
Cost of 1 sqm					3764.38
labour cess @1%					37.64
Rate including labour cess					3802.03
Say Rs. 3802.00 Per sqm					

9.123 Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement, including fixing the frame to wall with suitable dia & length

Details of cost for one door frame of 5 metre

MATERIAL:

8710	Factory made solid PVC door frame 60 x 30 mm i/c carriage	metre	5.00	315.00	1575.00
LABOUR:					
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	7.80	2.12	16.54
TOTAL					1692.79
Add Water Charges @ 1%					16.93
TOTAL					1709.71 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					240.21
Total					1949.93 (Y)
Add CPOH @ 15% on "Y"					292.49
Cost of 5 metre					2242.42
Cost of 1 metre					448.48
labour cess @1%					4.48
Rate including labour cess					452.97

Say Rs. 453.00 Per metre

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
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9.124 Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mm x 1mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rail of size 100 mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100 mm x 8mm complete, as per manufacturer's specifications and direction of Engineer-in-charge.

9.124.1 Non decorative finish

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

MATERIAL:

8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	2.38	2000.00	4760.00
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
TOTAL					5156.76
Add Water Charges @ 1%					51.57
TOTAL					5208.33 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					731.77
Total					5940.10 (Y)
Add CPOH @ 15% on "Y"					891.02
Cost of 2.38 sqm					6831.12
* Cost of 1 sqm					2870.22
labour cess @1%					28.70
Rate including labour cess					2898.92
			Say Rs.	2898.90	Per sqm

9.124.2 Decorative finish (both side wood grained finish)

Details of cost for one shutter 2.20x1.08m=2.38 sqm

MATERIAL:

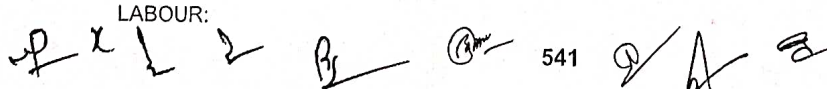
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	2.38	2100.00	4998.00
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
	TOTAL				5394.76
	Add Water Charges @ 1%				53.95
	TOTAL				5448.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				765.54
	Total				6214.25 (Y)
	Add CPOH @ 15% on "Y"				932.14
	Cost of 2.38 sqm				7146.39
	Cost of 1 sqm				3002.69
	labour cess @1%				30.03
	Rate including labour cess				3032.71
		Say Rs.	3032.70	Per sqm	
9.125	Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shutters (bathroom and W.C.doors) using synthetic rubber based adhesive.				
	Details of cost for 1.0x0.3m = 0.3 sqm				
	MATERIAL:				
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	0.33	155.80	51.41
	PVC rigid foam sheet 1mm thick = 0.30 sqm				
	Add wastage @ 10% = 0.03 sqm Total = 0.33 sqm				
9999	Rubber adhesive	L.S.	21.84	2.12	46.30
	LABOUR:				
0111	Carpenter 1 st class	day	0.11	413.00	45.43
0114	Beldar	day	0.14	306.00	42.84
0130	Mistry	day	0.02	306.00	6.12
	TOTAL				192.10
	Add Water Charges @ 1%				1.92
	TOTAL				194.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				27.26
	Total				221.29 (Y)
	Add CPOH @ 15% on "Y"				33.19
	Cost of 0.3 sqm				254.48
	Cost of 1 sqm				848.26
	labour cess @1%				8.48
	Rate including labour cess				856.75
		Say Rs.	856.70	Per sqm	
9.126	Providing and fixing 12 mm thick panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled, and glazed shutters 25 mm to 40 mm thick.				
9.126.1	Marine plywood conforming to IS : 710				
	Details of cost for shutters of a door with 2/3rd panelling				
	200x108cm=2.16sqm. Panel area = 4x45.1x36.55cm				
	= 0.67sqm				
	MATERIAL:				
	Plywood 4x47.2x38.65cm = 0.73sqm+				
	Add for wastage @ 10% = 0.07sqm. Total = 0.80 sqm				
8724	12 mm thick marine plywood conforming to IS: 710	sqm	0.80	720.00	576.00
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				824.64
	Add Water Charges @ 1%				8.25
	TOTAL				832.89 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				117.02
	Total				949.91 (Y)
	Add CPOH @ 15% on "Y"				142.49
	Cost of 0.67 sqm				1092.39
	Cost of 1 sqm				1630.43
	labour cess @1%				16.30
	Rate including labour cess				1646.74
		Say Rs.	1646.70	Per sqm	
9.126.2	Fire retardant plywood conforming to IS : 5509				
	Details of cost for shutters of a door with 2/3rd paneling				
	200x 108cm = 2.16sqm. Panel area = 4x45.1x36.55cm				
	= 0.67sqm				
	MATERIAL:				
	Plywood 4x47.2x38.65cm = 0.73sqm+				
	Add for wastage @ 10% = 0.07sqm. Total = 0.80 sqm				
8725	12 mm thick fire retardant plywood conforming to IS:				
	5509	sqm	0.80	867.00	693.60
9999	Carriage of plywood	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				942.24
	Add Water Charges @ 1%				9.42
	TOTAL				951.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				133.71
	Total				1085.37 (Y)
	Add CPOH @ 15% on "Y"				162.81
	Cost of 0.67 sqm				1248.18
	Cost of 1 sqm				1862.95
	labour cess @1%				18.63
	Rate including labour cess				1881.58
		Say Rs.	1881.60	Per sqm	
9.127	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
9.127.1	1.5 mm thick				
	Details of cost for 5.00 sqm				
	MATERIAL:				
	Decorative laminate = 5.00 sqm				
	Add wastage @ 10% = 0.50 sqm Total = 5.50 sqm				
8726	1.5 mm thick decorative laminated sheet	sqm	5.50	380.00	2090.00
9999	Adhesive	L.S.	195.00	2.12	413.40
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
9999	Sundries i/c nails etc.	L.S.	52.00	2.12	110.24
	TOTAL				2973.14
	Add Water Charges @ 1%				29.73
	TOTAL				3002.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				421.90

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				3424.77 (Y)
	Add CPOH @ 15% on "Y"				513.72
	Cost of 5 sqm				3938.49
	Cost of 1 sqm				787.70
	labour cess @1%				7.88
	Rate including labour cess				795.58
		Say Rs.	795.60	Per sqm	
9.127.2	1.0 mm thick				
	Details of cost for 5.00 sqm				
	MATERIAL:				
	Decorative laminate = 5.00 sqm				
	Add wastage @ 10% = 0.50 sqm Total = 5.50 sqm				
8727	1.0 mm thick decorative laminated sheet	sqm	5.50	294.00	1617.00
9999	Adhesive	L.S.	195.00	2.12	413.40
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
9999	Sundries i/c nails etc.	L.S.	52.00	2.12	110.24
	TOTAL				2500.14
	Add Water Charges @ 1%				25.00
	TOTAL				2525.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				354.78
	Total				2879.92 (Y)
	Add CPOH @ 15% on "Y"				431.99
	Cost of 5 sqm				3311.91
	Cost of 1 sqm				662.38
	labour cess @1%				6.62
	Rate including labour cess				669.01
		Say Rs.	669.00	Per sqm	
9.128	Providing and fixing factory made Fiber glass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted monolithically, including all necessary fittings. The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS : 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS : 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight.				
	Details of cost for a chajja 0.90 x 0.60 = 0.54 sqm				
	MATERIAL:				
8713	Fiber glass reinforced plastic chajja including accessories	sqm	0.54	3000.00	1620.00
9999	Carriage	L.S.	26.00	2.12	55.12
9999	fixing charges including sundries.	L.S.	143.00	2.12	303.16
	TOTAL				1978.28
	Add Water Charges @ 1%				19.78
	TOTAL				1998.06 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				280.73
	Total				2278.79 (Y)
	Add CPOH @ 15% on "Y"				341.82
	Cost of 0.54 sqm				2620.61
	Cost of 1 sqm				4852.98
	labour cess @1%				48.53
	Rate including labour cess				4901.51
		Say Rs.	4901.50	Per sqm	


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.129	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS : 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge.				
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.				
	MATERIAL:				
7272	25 mm thick melamine faced prelaminated three layer particle board	sqm	2.20	900.00	1980.00
9999	Carriage	L.S.	29.64	2.12	62.84
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	4.40	47.04	206.98
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	36.00	45.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
0130	Mistry	day	0.07	306.00	21.42
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	28.00	196.00
	TOTAL				2871.73
	Add Water Charges @ 1%				28.72
	TOTAL				2900.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				407.51
	Total				3307.96 (Y)
	Add CPOH @ 15% on "Y"				496.19
	Cost of 2.2 sqm				3804.16
	Cost of 1 sqm				1729.16
	labour cess @1%				17.29
	Rate including labour cess				1746.45
				Say Rs.	1746.50 Per sqm
9.130	Providing and fixing cup board shutters with 25 mm thick veneered particle board IS : 3097 marked,exterior grade (Grade I), of approved make including IInd class teak wood lipping of 25 mm wide x 12mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge.				
9.130.1	With decorative veneering on one side and commercial veneering on other side				
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.				
	MATERIAL:				
7269	25 mm thick particle board	sqm	2.20	435.00	957.00
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	2.20	230.00	506.00
9999	Carriage	L.S.	29.64	2.12	62.84
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	4.40	47.04	206.98
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	36.00	45.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
0130	Mistry	day	0.07	306.00	21.42
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	28.00	196.00
	TOTAL				2354.73
	Add Water Charges @ 1%				23.55
	TOTAL				2378.28 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				334.15

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				2712.43 (Y)
	Add CPOH @ 15% on "Y"				406.86
	Cost of 2.2 sqm				3119.29
	Cost of 1 sqm				1417.86
	labour cess @1%				14.18
	Rate including labour cess				1432.04
		Say Rs.	1432.00	Per sqm	
9.130.2	With non decorative veneering on both sides				
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.				
	MATERIAL:				
7269	25 mm thick particle board	sqm	2.20	435.00	957.00
0347	Extra for veneered particle board with Commercial				
	veneering on both sides	sqm	2.20	155.00	341.00
9999	Carriage	L.S.	29.64	2.12	62.84
	1 mm thick 35 mm wide bright finished stainless steel				
8678	piano hinges	metre	4.40	47.04	206.98
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	36.00	45.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	413.00	206.50
0114	Beldar	day	0.50	306.00	153.00
0130	Mistry	day	0.07	306.00	21.42
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	28.00	196.00
	TOTAL				2189.73
	Add Water Charges @ 1%				21.90
	TOTAL				2211.63 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				310.73
	Total				2522.36 (Y)
	Add CPOH @ 15% on "Y"				378.35
	Cost of 2.2 sqm				2900.72
	Cost of 1 sqm				1318.51
	labour cess @1%				13.19
	Rate including labour cess				1331.69
		Say Rs.	1331.70	Per sqm	
9.131	Providing and fixing factory made shutters of pre-laminated particle board flat pressed three layer or graded wood particle board with one side decorative finish and other side balancing lamination conforming to IS : 12823 Grade I Type II, of approved design, and edges sealed with water resistant paint and lipped with aluminium 'U' type edge beading all-round the shutter, including fixing with angle cleat, grip strip, cadmium plated steel screws, including fixing of aluminium hinges 100x63x4mm etc. complete as per architectural drawing and direction of Engineer-in-Charge (Cost of 'U'beading and hinges will be paid for separately).				
9.131.1	25 mm thick				
	Details of cost for 2.10 sqm (Door size 2.1 x 1.00m)				
	MATERIAL:				
	Prelaminated particle board = 2.10sqm.+				
	Add for wastage @ 5% = 0.11 sqm.				
	Total = 2.21sqm				
7445	25 mm thick prelaminated flush door shutter both side decorative	sqm	2.21	800.00	1768.00
7443	Aluminium single cleat of size 30x32x3 mm	each	4.00	14.00	56.00
7444	Aluminium grip strip of size 50x12x2 mm	each	8.00	11.00	88.00
0834	Synthetic enamel paint in all shades except black or chocolate shade	litre	0.15	165.00	24.75
9999	Carriage of materials including loading and unloading	L.S.	19.50	2.12	41.34
9999	Sundries and screw etc.	L.S.	39.00	2.12	82.68
	LABOUR:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0112	Carpenter 2nd class	day	0.27	369.00	99.63
0114	Beldar	day	0.30	306.00	91.80
	TOTAL				2252.20
	Add Water Charges @ 1%				22.52
	TOTAL				2274.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				319.60
	Total				2594.32 (Y)
	Add CPOH @ 15% on "Y"				389.15
	Cost of 2.1 sqm				2983.47
	Cost of 1 sqm				1420.70
	labour cess @1%				14.21
	Rate including labour cess				1434.91
		Say Rs.	1434.90	Per sqm	
9.132	Providing and fixing aluminum U beading of required size to Pre laminated / flush door shutter, including fixing etc. complete as per direction of Engineer-in-Charge.				
	Details of cost for 1 kg				
	MATERIAL:				
	Aluminum U beading = 1.00kg +				
	Add 10% wastage = 0.10				
	Total = 1.10kg				
7449	Aluminium U beading	kilogram	1.10	210.00	231.00
9999	Anodized 15 micron	L.S.	65.00	2.12	137.80
9999	Sundries including screws, fixing, carriage etc.	L.S.	13.00	2.12	27.56
	TOTAL				396.36
	Add Water Charges @ 1%				3.96
	TOTAL				400.32 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				56.25
	Total				456.57 (Y)
	Add CPOH @ 15% on "Y"				68.49
	Cost of 1 kg				525.05
	labour cess @1%				5.25
	Rate including labour cess				530.30
		Say Rs.	530.30	Per kg	
9.133	Providing and fixing, in position concealed G.I. section for wall paneling using board of required thickness fixed on the 'W' profile (0.55 mm thick) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-incharge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.				
9.133.1	Tapered edge calcium silicate board made with calcareous & siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with compressive strength 225 kg/sqcm, Bending strength 100 kg/sqcm.				
9.133.1.1	10 mm thick				
	Details of cost for 3.66 mx 3.05 m =11.16 sqm				
	MATERIAL:				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Calcium silicate board 10mm thick.= 11.16 sqm Add wastage @ 10% = 1.12 sqm. Total = 12.28 sqm				
8700	10 mm thick calcium silicate board	sqm	12.28	420.00	5157.60
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	38.00	747.08
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	23.00	220.80
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	2.60	109.20
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	76.00	133.76
9999	Jointing compound	L.S.	20.80	2.12	44.10
7018	Joint tape roll	roll	0.19	90.00	17.10
9999	Sundries i/c rawl plug. Scaffolding etc.	L.S.	52.00	2.12	110.24
9999	Carriage of materials	L.S.	26.00	2.12	55.12
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	413.00	1569.40
0114	Beldar	day	4.60	306.00	1407.60
	TOTAL				9572.00
	Add Water Charges @ 1%				95.72
	TOTAL				9667.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1358.31
	Total				11026.03 (Y)
	Add CPOH @ 15% on "Y"				1653.90
	Cost of 11.16 sqm				12679.93
	Cost of 1 sqm				1136.19
	labour cess @1%				11.36
	Rate including labour cess				1147.56
	Say Rs.		1147.60	Per sqm	

9.133.2 Non-asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (high pressure steam cured) as per IS :14862 with suitable fibre cement screw

9.133.2.1 8 mm thick

Details of cost for 3.66 m x 3.05 m =11.16 sqm

MATERIAL:

Multipurpose non asbestos fibre cement board

8mm thick. = 11.16 sqm

Add wastage @ 10% =1.12 sqm.

Total = 12.28 sqm

0237	Multi purpose fibre (high impact poly propylene reinforced) cement board 8 mm thick	sqm	12.28	220.00	2701.60
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	38.00	747.08
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	23.00	220.80
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	2.60	109.20
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	76.00	133.76
9999	Jointing compound	L.S.	20.80	2.12	44.10
7018	Joint tape roll	roll	0.19	90.00	17.10
9999	Sundries i/c rawl plug. Scaffolding etc.	L.S.	52.00	2.12	110.24
9999	Carriage of materials	L.S.	26.00	2.12	55.12


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	413.00	1569.40
0114	Beldar	day	4.60	306.00	1407.60
	TOTAL				7116.00
	Add Water Charges @ 1%				71.16
	TOTAL				7187.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1009.80
	Total				8196.95 (Y)
	Add CPOH @ 15% on "Y"				1229.54
	Cost of 11.16 sqm				9426.49
	Cost of 1 sqm				844.67
	labour cess @1%				8.45
	Rate including labour cess				853.11
		Say Rs.	853.10	Per sqm	
9.133.3	Gypsum board conforming to IS: 2095 Part - I				
9.133.3.1	12.5 mm thick				
	Details of cost for 3.66 m x 3.66 m - 11.16 sqm				
	MATERIAL:				
	Glass fibre reinforced gypsum board 12.5 mm thick = 11.16 sqm				
	Add wastage @ 10% = 1.12 sqm				
	Total = 12.28 sqm				
8717	12.5 mm thick Glass fibre reinforced Gypsum board	sqm	12.28	181.49	2228.70
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	38.00	747.08
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	23.00	220.80
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	2.60	109.20
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	76.00	133.76
9999	Jointing compound	L.S.	20.80	2.12	44.10
7018	Joint tape roll	roll	0.19	90.00	17.10
9999	Sundries i/c rawl plug, scaffolding etc.	L.S.	52.00	2.12	110.24
9999	Carriage of materials	L.S.	26.00	2.12	55.12
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	413.00	1569.40
0114	Beldar	day	4.60	306.00	1407.60
	TOTAL				6643.09
	Add Water Charges @ 1%				66.43
	TOTAL				6709.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				942.69
	Total				7652.21 (Y)
	Add CPOH @ 15% on "Y"				1147.83
	Cost of 11.16 sqm				8800.04
	Cost of 1 sqm				788.53
	labour cess @1%				7.89
	Rate including labour cess				796.42
		Say Rs.	796.40	Per sqm	
9.134	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:				



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.134.1	35 mm thick shutters				
9.134.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size				
9.134.1.1.1	Second class teak wood Details of cost for door shutters 2.00x1.08m = 2.16sqm				
	MATERIAL: Second Class Teak wood Styles 4x200x9.5 x3.5cm = 0.0266cum+ Top Rail - 1x110.5x9.5x3.5cm =0.0036cum+ Lock and bottom rail 2x110.5x9.7x3.5cm=0.0152 cum.+ Beadings (2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum. Total = 0.0464 cum.+ Add for wastage@ 10% = 0.005 cum. Total = 0.0514 cum. Say 51.4 cum				
1190	Second class teak wood in planks	10 cum	51.40	791.00	4065.74
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
2204	Carriage of timber	cum	0.05	0.00	0.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				6031.56
	Add Water Charges @ 1%				60.32
	TOTAL				6091.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				855.91
	Total				6947.78 (Y)
	Add CPOH @ 15% on "Y"				1042.17
	Cost of 2.16 sqm				7989.95
	Cost of 1 sqm				3699.05
	labour cess @1%				36.99
	Rate including labour cess				3736.04
		Say Rs.	3736.00	Per sqm	

9.134.1. Kiln seasoned and chemically treated hollock wood
1.2

Details of cost for door shutters 2.00x1.08m = 2.16sqm

MATERIAL:

Hollock wood.

Styles 4x200x9.5x3.5cm =0.0266cum+

Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+

Lock and bottom rail

2x110.5x9.7x3.5cm =

0.0152 cum.+

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Beadings (2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum. Total = 0.0464 cum.+ Add for wastage @ 10% = 0.005 cum. Grand Total = 0.0514 cum. Say 51.4 cudm				
2505	Hollock wood in planks	10 cudm	51.40	402.00	2066.28
2204	Carriage of timber	cum	0.05	187.35	9.55
2504	Kiln seasoning of timber	cum	0.05	772.00	39.37
9999	Chemical Treatment Wire gauge 2x160x40cm = 1.28 sqm.+ Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm	L.S.	8.97	2.12	19.02
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				4100.04
	Add Water Charges @ 1%				41.00
	TOTAL				4141.04 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				581.82
	Total				4722.86 (Y)
	Add CPOH @ 15% on "Y"				708.43
	Cost of 2.16 sqm				5431.28
	Cost of 1 sqm				2514.48
	labour cess @1%				25.14
	Rate including labour cess				2539.63
		Say Rs.	2539.60	Per sqm	

9.134.1. Kiln seasoned selected class of sheesham wood 1.3

Details of cost for door shutters

2.00 x 1.08 m = 2.16 sqm

MATERIAL:

Sheesham Wood

Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+

Top Rail-1x110.5x9.5x3.5cm=0.0036cum+

Styles 4x200x9.5x3.5cm = 0.0266cum+

Top Rail - 1 x110.5x9.5x3.5cm = 0.0036cum+

Lock and bottom rail 2 x110.5x19.7x3.5 cm =

0.0152 cum. +

Beadings -

(2x312+ 2x 150) x(1.2)x(1.2) cm =0.001 cum

Total = 0.0464 cum.+

add for wastage @ 10% = 0.005 cum.=0.0514 cum.

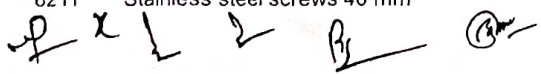
say 51.4 cudm

1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	650.00	3341.00
2204	Carriage of timber	cum	0.05	187.35	9.63

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
2504	Kiln seasoning of timber Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm	cum	0.05	772.00	39.68
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5356.13
	Add Water Charges @ 1%				53.56
	TOTAL				5409.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				760.06
	Total				6169.75 (Y)
	Add CPOH @ 15% on "Y"				925.46
	Cost of 2.16 sqm				7095.21
	Cost of 1 sqm				3284.82
	labour cess @1%				32.85
	Rate including labour cess				3317.67
				Say Rs.	3317.70 Per sqm
9.134.	With ISI marked stainless steel butt hinges of				
1.2	required size				
9.134.	Second class teak wood				
1.2.1	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Second class teak wood Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+ Top Rail - 1x110.5x9.5x3.5cm =0.0036cum+ Lock and bottom rail 2 x 110.5x19.7x3.5 cm = 0.0152 cum. + Beadings - (2x312+2x 150) x(1.2)x(1.2)cm =0.001 cum Total = 0.0464 cum. + add for wastage @ 10% = 0.005 cum. =0.0514 cum. say 51.4 cudm				
1190	Second class teak wood in planks	10 cudm	51.40	791.00	4065.74
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
8220	Stainless steel butt hinges (heavyweight) 100x60 x2.5mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
2204	Carriage of timber	cum	0.05	187.35	9.55
LABOUR:					
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
TOTAL					6278.71
Add Water Charges @ 1%					62.79
TOTAL					6341.50 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					890.98
Total					7232.48 (Y)
Add CPOH @ 15% on "Y"					1084.87
Cost of 2.16 sqm					8317.35
Cost of 1 sqm					3850.63
labour cess @1%					38.51
Rate including labour cess					3889.13
			Say Rs.	3889.10	Per sqm

9.134.1.2.2 Kiln seasoned and chemically treated hollock wood

Details of cost for door shutters 2.00x 1.08 m = 2.16 sqm

MATERIAL:

Hollock wood

Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+

Top Rail - 1x110.5x9.5x3.5cm = 0.0036 cum+

Lock and bottom rail

2 x 110.5x19.7x3.5 cm = 0.0152 cum.+

Beadings -

(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum

Total = 0.0464 cum. +

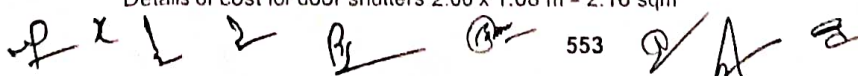
add for wastage @ 10% = 0.005 cum.

=0.0514 cum. say 51.4 cudm

2505	Hollock wood in planks	10 cudm	51.40	402.00	2066.28
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
9999	Chemical treatment				
Wire guage 2x160x40cm=1.28 sqm.+					
Add wastage @ 10 % = 0.13 sqm					
Total = 1.41 sqm					
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	L.S.	8.97	2.12	19.02
8220	Stainless steel butt hinges (heavyweight) 00x60x2.5 mm IS : 12817 marked	sqm	1.41	413.00	582.33
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8211	Stainless steel screws 40 mm	10 Nos	2.00	150.00	30.00
8214	Stainless steel screws 20 mm	100 Nos	48.00	250.00	120.00
2204	Carriage of timber	100 Nos	8.00	150.00	12.00
		cum	0.05	187.35	9.63
LABOUR:					
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
TOTAL					4338.02
Add Water Charges @ 1%					43.38
TOTAL					4381.40 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					615.59

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				4996.99 (Y)
	Add CPOH @ 15% on "Y"				749.55
	Cost of 2.16 sqm				5746.54
	Cost of 1 sqm				2660.43
	labour cess @1%				26.60
	Rate including labour cess				2687.04
		Say Rs.	2687.00	Per sqm	
9.134.	Kiln seasoned selected class of sheesham				
1.2.3	wood				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3.5 cm =0.0152 cum.				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum				
	Total = 0.0464 cum. +				
	add for wastage @ 10% = 0.005 cum.				
	=0.0514 cum. say 51.4 cum				
1200	Kiln seasoned selected sheesham wood planks	10 cum	51.40	650.00	3341.00
2504	Kiln seasoning of timber	cum	0.05	772.00	39.68
	Wire guage 2x160x40cm=1.28 sqm.+Add wastage				
	@ 10 % = 0.13 sqmTotal = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture				
	1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS :				
	12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
2204	Carriage of timber	cum	0.05	187.35	9.63
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	413.00	536.90
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.05	306.00	321.30
0130	Mistry	day	0.11	306.00	32.13
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5593.73
	Add Water Charges @ 1%				55.94
	TOTAL				5649.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				793.78
	Total				6443.44 (Y)
	Add CPOH @ 15% on "Y"				966.52
	Cost of 2.16 sqm				7409.96
	Cost of 1 sqm				3430.54
	labour cess @1%				34.31
	Rate including labour cess				3464.84
		Say Rs.	3464.80	Per sqm	
9.134.2	30 mm thick shutters				
9.134.	with ISI marked M.S. pressed butt hinges bright				
2.1	finished of required size				
9.134.	Second class teak wood				
2.1.1					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
	Teak wood (2nd class)				
	Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013cum. +				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004cum.				
	=0.44 cum.				
	say 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	791.00	3480.40
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire guage 2x160x40cm=1.28 sqm. +				
	Add wastage@ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture				
	1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt				
	hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt				
	hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5359.43
	Add Water Charges @ 1%				53.59
	TOTAL				5413.02 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				760.53
	Total				6173.55 (Y)
	Add CPOH @ 15% on "Y"				926.03
	Cost of 2.16 sqm				7099.59
	Cost of 1 sqm				3286.85
	labour cess @1%				32.87
	Rate including labour cess				3319.71
		Say Rs.	3319.70	Per sqm	

9.134.2. Kiln seasoned and chemically treated hollock wood
1.2

Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm

MATERIAL:

Hollock wood

Styles 4 x 209 x 9.5 x 3 cm =0.023 cum+

Top Rail - 1x110.5x9.5x3 cm = 0.003cum +

Lock and bottom rail

2 x 110.5x19.7x3 cm = 0.013 cum. +

Beadings -

(2x312+2x 150) x(1.2)x(1.2) cm =0.001cum

Total = 0.040 cum. +

Add for wastage @ 10%=0.004cum.

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	=0.44 cum. say 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	402.00	1768.80
2204	Carriage of timber	cum	0.04	187.35	8.24
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
9999	Chemical treatment Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm	L.S.	8.97	2.12	19.02
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0111	Carpenter 1st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3700.81
	Add Water Charges @ 1%				37.01
	TOTAL				3737.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				525.16
	Total				4262.99 (Y)
	Add CPOH @ 15% on "Y"				639.45
	Cost of 2.16 sqm				4902.43
	Cost of 1 sqm				2269.65
	labour cess @1%				22.70
	Rate including labour cess				2292.34
		Say Rs.	2292.30	Per sqm	

9.134.2. Kiln seasoned selected class of sheesham wood 1.3

Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm

MATERIAL:

Sheesham wood

Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+

Top Rail - 1x110.5x9.5x3 cm = 0.003cum+

Lock and bottom rail

2 x 110.5x19.7x3 cm = 0.013 cum.+

Beadings

(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum

Total = 0.040 cum. +

Add for wastage @ 10% = 0.004cum.

=0.44 cum. say 44 cudm

1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	650.00	2860.00
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage@ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
0595	Bright finished or black enameled mild steel butt				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	hinges 100x58x1.90 mm	10 Nos	6.00	80.00	48.00
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	49.00	9.80
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
LABOUR:					
0111	Carpenter 1st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
TOTAL					4773.00
Add Water Charges @ 1%					47.73
TOTAL					4820.73 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					677.31
Total					5498.04 (Y)
Add CPOH @ 15% on "Y"					824.71
Cost of 2.16 sqm					6322.75
Cost of 1 sqm					2927.20
labour cess @1%					29.27
Rate including labour cess					2956.50
			Say Rs.	2956.50	Per sqm

9.134.2.2 With ISI marked stainless steel butt hinges of required size

9.134.2.2. Second class teak wood

1

Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm

MATERIAL:

Teak wood (2nd class)

Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+

Top Rail - 1x110.5x9.5x3cm = 0.003cum+

Lock and bottom rail

2 x 110.5x19.7x3cm = 0.0152 cum. +

Beadings -

(2x312+2x 150) x(1.2)x(1.2) cm=0.001 cum

Total = 0.040 cum. +

Add for wastage @ 10% = 0.004 cum.

=0.044 cum. say 44 cudm

1190	Second class teak wood in planks	10 cudm	44.00	791.00	3480.40
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2204	Carriage of timber	cum	0.04	187.35	8.24
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Wire guage 2x160x40cm=1.28 sqm.+

Add wastage @ 10 % = 0.13 sqm

Total = 1.41 sqm

8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
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8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
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8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
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8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
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8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
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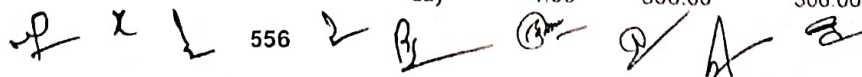
LABOUR:

0111	Carpenter 1st class	day	1.20	413.00	495.60
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0112	Carpenter 2nd class	day	0.80	369.00	295.20
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0114	Beldar	day	1.00	306.00	306.00
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BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5597.03
	Add Water Charges @ 1%				55.97
	TOTAL				5653.00 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				794.25
	Total				6447.25 (Y)
	Add CPOH @ 15% on "Y"				967.09
	Cost of 2.16 sqm				7414.33
	Cost of 1 sqm				3432.56
	labour cess @1%				34.33
	Rate including labour cess				3466.89
		Say Rs.	3466.90	Per sqm	
9.134.2. Kiln seasoned and chemically treated hollock wood					
2.2					
Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm					
MATERIAL:					
Hollock wood Styles					
4 x 209 x 9.5 x 3.5 cm =					
0.023 cum+					
Top Rail - 1x110.5x9.5x3 cm = 0.003cum+					
Lock and bottom rail					
2 x 110.5x19.7x3 cm = 0.013 cum.+					
Beadings -					
(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum					
Total = 0.040 cum. +					
Add for wastage @ 10% = 0.004 cum.					
=0.044 cum.say 44 cudm					
2505	Hollock wood in planks	10 cudm	44.00	402.00	1768.80
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
9999	Chemical treatment	L.S.	8.97	2.12	19.02
2204	Carriage of timber	cum	0.04	187.35	8.24
Wire guage 2x160x40cm=1.28 sqm.+					
Add wastage @ 10 % = 0.13 sqm					
Total = 1.41 sqm					
8737	Stainless steel wire guage (Grade-304) aperture				
	1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS :				
	12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	4.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
LABOUR:					
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				3938.41
	Add Water Charges @ 1%				39.38
	TOTAL				3977.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				558.88
	Total				4536.68 (Y)
	Add CPOH @ 15% on "Y"				680.50
	Cost of 2.16 sqm				5217.18 -
	Cost of 1 sqm				2415.36
	labour cess @1%				24.15
	Rate including labour cess				2439.51
		Say Rs.	2439.50	Per sqm	

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Say Rs. 2439.50 Per sqm

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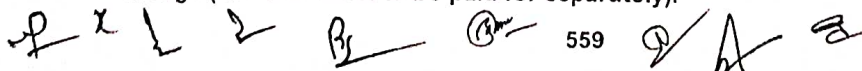
BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.134.2.	Kiln seasoned selected class of sheesham wood				
2.3	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Sheesham wood Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+ Top Rail - 1x110.5x9.5x3 cm = 0.003cum+ Lock and bottom rail 2 x 110.5x19.7x3 cm = 0.013 cum.+ Beadings - (2x312+2x 150) x(1.2)x(1.2) cm = 0.001cum Total = 0.040 cum.+ Add for wastage @ 10% = 0.004cum. = 0.044 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	650.00	2860.00
2504	Kiln seasoning of timber	cum	0.04	772.00	33.97
2204	Carriage of timber	cum	0.04	187.35	8.24
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastago @ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	413.00	582.33
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	275.00	165.00
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	150.00	30.00
8211	Stainless steel screws 40 mm	100 Nos	48.00	250.00	120.00
8214	Stainless steel screws 20 mm	100 Nos	8.00	150.00	12.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	413.00	495.60
0112	Carpenter 2nd class	day	0.80	369.00	295.20
0114	Beldar	day	1.00	306.00	306.00
0130	Mistry	day	0.10	306.00	30.60
9999	Sundries	L.S.	33.80	2.12	71.66
	TOTAL				5010.60
	Add Water Charges @ 1%				50.11
	TOTAL				5060.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				711.03
	Total				5771.73 (Y)
	Add CPOH @ 15% on "Y"				865.76
	Cost of 2.16 sqm				6637.49
	Cost of 1 sqm				3072.91
	labour cess @1%				30.73
	Rate including labour cess				3103.64
				Say Rs. 3103.60 Per sqm	
9.135	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.50 mm all complete.				
9.135.1	With 2nd class teak wood beading 62X19 mm				
	Details of cost for a window of size 140x110cm=1.54sqm. MATERIAL: Wire gauge - 20x60mm mesh 3.2mmwith = 1.4x1.1m = 1.54sqm.+ Add wastage @ 10% = 0.15sqm. Total=1.69 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.69	413.00	697.97

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Carriage of wire gauge	L.S.	1.82	2.12	3.86
	Second class teak wood beading 5m x 62mm x 19mm = 0.0059 cum + Add wastage @ 10% = 0.00059 cum. Total = 0.00649 cum. Say 6 cum				
1190	Second class teak wood in planks	10 cum	6.00	791.00	474.60
2204	Carriage of timber	cum	0.01	187.35	1.12
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	19.76	2.12	41.89
	TOTAL				1417.71
	Add Water Charges @ 1%				14.18
	TOTAL				1431.89 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				201.18
	Total				1633.07 (Y)
	Add CPOH @ 15% on "Y"				244.96
	Cost of 1.54 sqm				1878.03
	Cost of 1 sqm				1219.50
	labour cess @ 1%				12.20
	Rate including labour cess				1231.70
		Say Rs.	1231.70	Per sqm	
9.135.2	With 12 mm mild steel U beading				
	Details of cost for a window of size 140x110cm = 1.54sqm.				
	MATERIAL:				
	Wire gauge - 20x60mm mesh 3.2mm with = 1.4x1.1m = 1.54sqm. + Add wastage @ 10% = 0.15sqm. Total = 1.69 sqm				
8737	Stainless steel wire gauge (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.69	413.00	697.97
9999	Carriage of wire gauge	L.S.	1.82	2.12	3.86
7349	12 mm M.S. 'U' beading	metre	5.00	14.00	70.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	369.00	121.77
0114	Beldar	day	0.25	306.00	76.50
9999	Sundries	L.S.	19.76	2.12	41.89
	TOTAL				1011.99
	Add Water Charges @ 1%				10.12
	TOTAL				1022.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				143.61
	Total				1165.72 (Y)
	Add CPOH @ 15% on "Y"				174.86
	Cost of 1.54 sqm				1340.57
	Cost of 1 sqm				870.50
	labour cess @ 1%				8.71
	Rate including labour cess				879.21
		Say Rs.	879.20	Per sqm	
9.136	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).				



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Details of cost for 3300/2750mm Door (9.10 metre length)				
	MATERIAL:				
8738	Factory made door frame fire rated (60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with vermiculite based concrete mix	metre	9.10	1062.00	9664.20
9999	Labour	L.S.	130.00	2.12	275.60
9999	Sundries and carriage	L.S.	4.23	2.12	8.97
	TOTAL				9948.77
	Add Water Charges @ 1%				99.49
	TOTAL				10048.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1411.78
	Total				11460.04 (Y)
	Add CPOH @ 15% on "Y"				1719.01
	Cost of 9.1 metre				13179.04
	Cost of 1 metre				1448.25
	labour cess @1%				14.48
	Rate including labour cess				1462.73
				Say Rs. 1462.70 Per metre	
9.137	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/ m2) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-incharge (panneling to be paid for separately).				
	Details of cost for 3.50 sqm (Door size-1710x2050 mm)				
	MATERIAL:				
8739	Fire rated door shutter made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	3.50	4702.00	16457.00
9999	Labour	L.S.	180.00	2.12	381.60
9999	Sundries and carriage	L.S.	10.00	2.12	21.20
	TOTAL				16859.80
	Add Water Charges @ 1%				168.60
	TOTAL				17028.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2392.49
	Total				19420.89 (Y)
	Add CPOH @ 15% on "Y"				2913.13
	Cost of 3.5 sqm				22334.02
	Cost of 1 sqm				6381.15
	labour cess @1%				63.81
	Rate including labour cess				6444.96
				Say Rs. 6445.00 Per sqm	
9.138	Providing and fixing glazing in fire resistant door shutters, fixed panels, ventilators and partitions etc.,with G.I. beading of appropriate size, made out of 20 SWG G.I.sheet (zinc coating not less than 120 gm/m2), fire resistant sealant, including applying a coat of approved fire resistant primer on G.I. beading etc., complete all as per direction of Engineer-in-charge.				
9.138.1	With clear fire resistant glass panes 6 mm thick of approved brand, having minimum 60 minutes fire resistance				
	Details of cost for 6.36 sqm (Door size 3300/2750mm) (Glazing area)				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
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MATERIAL:

	Glazing area-2x0.70x2.05=2.87 m ²				
	1x1.70x0.60=1.02 m ²				
	2x0.69x1.79=2.47 m ²				
	Total =6.36 m ²				
8741	Clear fire resistant glass panes 6mm thick (60 minutes)	sqm	6.36	21500.00	136740.00
	G.I. 'U' beading-2x2x0.70=2.80 m				
	2x2x2.05=8.20 m				
	2x1x1.70=3.40 m				
	2x1x0.60=1.20 m				
	2x2x0.69 =2.76 m				
	2x2x1.79=7.16 m				
	Total=25.52 m				
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m ²) with ceramic tape of suitable thickness and fire resistant primer coating	metre	25.52	303.00	7732.56
8740	Fire seal Putty	kg	3.00	304.00	912.00
8743	Matrix Mineral Board	metre	76.56	70.00	5359.20
	3x25.52m=76.56 meter				
9999	Labour	L.S.	180.00	2.12	381.60
9999	Sundries and carriage	L.S.	10.00	2.12	21.20
	TOTAL				151146.56
	Add Water Charges @ 1%				1511.47
	TOTAL				152658.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				21448.45
	Total				174106.48 (Y)
	Add CPOH @ 15% on "Y"				26115.97
	Cost of 6.36 sqm				200222.45
	Cost of 1 sqm				31481.52
	labour cess @1%				314.82
	Rate including labour cess				31796.33

Say Rs. 31796.30 Per sqm

9.139 Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on backside of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, all complete.

Details of cost for each

MATERIAL:

8744	Panic Bar / latch (Double point)	each	1.00	5200.00	5200.00
	Labour for fixing				
0111	Carpenter 1 st class	day	0.17	413.00	70.21
9999	Sundries (screws and carriage)	L.S.	3.64	2.12	7.72
	TOTAL				5277.93
	Add Water Charges @ 1%				52.78
	TOTAL				5330.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				748.96
	Total				6079.67 (Y)
	Add CPOH @ 15% on "Y"				911.95
	Cost of each				6991.62
	labour cess @1%				69.92
	Rate including labour cess				7061.54

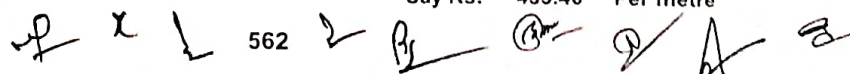
Say Rs. 7061.50 Each


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.140	Providing and fixing plain lining with necessary screws/nuts & bolts/nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-incharge (Frame work shall be paid for separately).				
	12 mm thick commercial ply conforming to IS :				
9.140.1	1328 BWR type				
	Details of cost for 10 sqm				
	<u>MATERIAL:</u>				
2413	12 mm commercial ply	sqm	11.00	510.00	5610.00
	Priming coat				
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	39.70	397.00 A
9999	Sundries and screws etc.	L.S.	40.10	2.12	85.01
	<u>LABOUR:</u>				
0156	Carpenter (average)	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
9999	Sundries and carriage	L.S.	33.56	2.12	71.15
	TOTAL				7073.06
	Add Water Charges @ 1% except on A i.e on (7073.0592 - 397=)				
					66.76
	TOTAL				7139.82 (X)
	Add GST 12% on "X" except on A (multiplying factor 0.1405)				
					947.37
	Total				8087.19 (Y)
	Add CPOH @ 15% on "Y" except on A i.e on (8087.185972776 - 397=)				
					1153.53
					9240.71
					924.07
					9.24
	labour cess @1%				933.31
	Rate including labour cess				
			Say Rs.	933.30	Per sqm
9.141	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (± 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self tapping screws,the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.				
	<u>Details of cost for one door frame of 5 metre</u>				
	<u>MATERIAL:</u>				
8014	Factory made door frame of size 50x47 mm with wall thickness 5 mm made of single piece extruded profile.	metre	5.00	298.74	1493.70
	<u>LABOUR:</u>				
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	11.65	2.12	24.70
	TOTAL				1619.65
	Add Water Charges @ 1%				
					16.20
	TOTAL				1635.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				
					229.84
	Total				1865.68 (Y)
	Add CPOH @ 15% on "Y"				
					279.85
					2145.53
					429.11
					4.29
	labour cess @1%				433.40
	Rate Including labour cess				
			Say Rs.	433.40	Per metre

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.142	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded solid PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35,mm x 17 mm x 1 mm at each corner. Single piece extruded 5mm thick solid PVC Lock rail of size 115 mm x 35 mm x 35 mm, out of which 95 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge.				
9.142.1	Non decorative finish (matt finish)				
	Details of cost for one shutter 2.20x1.08m =2.38 sqm				
	MATERIAL:				
8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	2.38	2295.00	5462.10
8100	Powder coated M.S. butt hinges 100 mm X58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80
	LABOUR:				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	30.35	2.12	64.34
	TOTAL				5880.04
	Add Water Charges @ 1%				58.80
	TOTAL				5938.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				834.41
	Total				6773.25 (Y)
	Add CPOH @ 15% on "Y"				1015.99
	Cost of 2.38 sqm				7789.24
	Cost of 1 sqm				3272.79
	labour cess @1%				32.73
	Rate including labour cess				3305.52
		Say Rs.	3305.50	Per sqm	
9.142.2	Decorative finish (wood grained finish)				
	Details of cost for one shutter 2.20x1.08m=2.38 sqm				
	MATERIAL:				
8736	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile decorative finished (wood grain finished)	sqm	2.38	2707.00	6442.66
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	130.00	52.00
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	60.00	28.80
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	35.00	2.80

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	LABOUR:				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	30.35	2.12	64.34
	TOTAL				6860.60
	Add Water Charges @ 1%				68.61
	TOTAL				6929.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				973.55
	Total				7902.76 (Y)
	Add CPOH @ 15% on "Y"				1185.41
	Cost of 2.38 sqm				9088.18
	Cost of 1 sqm				3818.56
	labour cess @1%				38.19
	Rate including labour cess				3856.75

Say Rs. 3856.70 Per sqm

- 9.143** Providing and Fixing factory made uPVC door frame, made of uPVC extruded sections, of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm) , corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (±0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fastners, all complete as per manufacturer's specification and direction of Engineer-in-charge.

Details of cost for 5 metre

MATERIAL:

8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish	metre	5.00	364.00	1820.00
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LABOUR:

0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	4.68	2.12	9.92
	TOTAL				1931.17
	Add Water Charges @ 1%				19.31
	TOTAL				1950.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				274.04
	Total				2224.53 (Y)
	Add CPOH @ 15% on "Y"				333.68
	Cost of 5 metre				2558.21
	Cost of 1 metre				511.64
	labour cess @1%				5.12
	Rate including labour cess				516.76

Say Rs. 516.80 Per metre

- 9.144** Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitred cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.

Details of cost for one door shutter 2.20x1.08m
= 2.38 sqm

MATERIAL:

8746	37 mm thick Factory made shutter with style, rails
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	and panels of PVC extruded section in white or grey finish i/c carriage	sqm	2.38	2479.00	5900.02
	LABOUR:				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
	TOTAL				6213.18
	Add Water Charges @ 1%				62.13
	TOTAL				6275.32 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				881.68
	Total				7157.00 (Y)
	Add CPOH @ 15% on "Y"				1073.55
	Cost of 2.38 sqm				8230.55
	Cost of 1 sqm				3458.21
	labour cess @1%				34.58
	Rate including labour cess				3492.79
	Say Rs. 3492.80 Per sqm				
9.145	Providing and Fixing factory made PVC door frame made of PVC extruded sections of size 75 mm x 53 mm, having wall thickness 2.0 mm (± 0.2 mm). Both verticals sides of the frame reinforced with PVC profile of cross section size 28 mm x 30 mm x 2 mm thickness (± 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut jointed and fusion welded together, including providing and fixing 3 nos of 125 mm long stainless steel hinges to frame, fixing the frame with jamb with required nos & sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineer-incharge.				
	<u>Details of cost for 5 metre</u>				
	<u>MATERIAL:</u>				
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish	metre	5.00	413.00	2065.00
	LABOUR:				
0156	Carpenter (average)	day	0.15	369.00	55.35
0114	Beldar	day	0.15	306.00	45.90
9999	Sundries	L.S.	4.68	2.12	9.92
	TOTAL				2176.17
	Add Water Charges @ 1%				21.76
	TOTAL				2197.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				308.81
	Total				2506.74 (Y)
	Add CPOH @ 15% on "Y"				376.01
	Cost of 5 metre				2882.75
	Cost of 1 metre				576.55
	labour cess @1%				5.77
	Rate including labour cess				582.32
	Say Rs. 582.30 Per metre				



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.146	Providing and fixing 37 mm thick factory made PVC Door shutter, styles and rails made of PVC hollow extruded printed and laminated section having overall dimension 115 mm x 37 mm with wall thickness 2 mm (± 0.2 mm) with inbuilt beading on one side, the styles and rails mitred cut and joint at corners by inserting 2 nos PVC profile reinforcement of size 75 mm x 200 mm long with cross section size of 28 mm x 30 mm having wall thickness 2 mm (± 0.2 mm). Styles, rails and reinforcements to be fusion welded together. Only hinge side vertical style to be reinforced with PVC profile reinforcement in full length. Printed and laminated PVC lock rail of size 110 mm x 37 mm having wall thickness 2 mm (± 0.2 mm) to be welded horizontally with the vertical styles after inserting PVC profile reinforcement as in styles and rails, providing with PVC snap fit beading, panels of 100 x 20 mm printed & laminated and inserting 2 nos 6 mm dia bright steel rod horizontally with both side threaded and tightened with check nuts and washers complete, all as per manufacturer's specification and direction of engineer-in-charge.				
	<u>Details of cost for one door shutter 2.20x1.08m</u> = 2.38 sqm				
	<u>MATERIAL:</u>				
8748	37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish	sqm	2.38	2703.00	6433.14
	<u>LABOUR:</u>				
0156	Carpenter (average)	day	0.40	369.00	147.60
0114	Beldar	day	0.40	306.00	122.40
9999	Sundries	L.S.	20.36	2.12	43.16
	TOTAL				6746.30
	Add Water Charges @ 1%				67.46
	TOTAL				6813.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				957.33
	Total				7771.10 (Y)
	Add CPOH @ 15% on "Y"				1165.67
	Cost of 2.38 sqm				8936.77
	Cost of 1 sqm				3754.94
	labour cess @1%				37.55
	Rate including labour cess				3792.49
			Say Rs.	3792.50	Per sqm

9.147 A Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)

Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance

9.147 A1 Casement window single panel with S.S. friction hinges (300 x 19 x 1.9 mm), made of (small series) frame 47 x 50 mm & sash 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glass pane glazing bead of appropriate dimension. (Area of window upto 0.75 sqm.)

Detail of Cost for uPVC casement window size 0.50 x 1.35 m = 0.68 sqm

MATERIAL

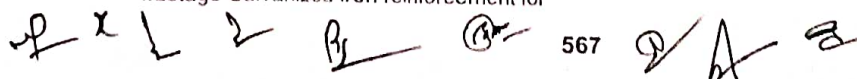
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	3.89	280 00	1089.20
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8122	uPVC extruded (small series) casement window sash/window mullion size 47x68mm i/c 5% wastage	metre	3.68	311.00	1144.48
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash	metre	3.49	100.00	349.00
3991	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 3.59 M + Window Sash = 3.38 M Total = 6.97 M	metre	6.97	70.00	487.90
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	14.55	15.00	218.25
3995	G.I fasteners 100 x 8 mm	each	8	15.00	120.00
8757	Stainless steel friction hinges (SS-304 grade) size 300 x 19 x 1.9 mm for uPVC window	each	2	260.00	520.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	1	130.00	130.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170	2.12	360.40
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	0.68	520.00	353.60
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	0.68	369.00	250.92
	TOTAL				5023.75
	Add 1 % Water charges				50.24
	TOTAL				5073.99 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				712.90
	Total				5786.88 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				868.03
	Cost of 0.68 sqm				6654.92
	Cost of 1.00 sqm				9786.64
	Add labour cess @1 %				97.87
	Rate including labour cess				9884.51
	Rate including labour cess				9884.51
				Say Rs. 9884.50	Per sqm
9.147 A2	Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series)				
Code	Description	Unit	Quantity	Rate	Amount
	Detail of cost for uPVC casement window size 1.00 x 1.35 m = 1.35 sqm. MATERIAL				
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	4.94	280.00	1383.20
8122	uPVC extruded (small series) casement window sash/window Mullion size 47x68 mm i/c 5% wastage Window Sash = 7.44 M + Window Mullion = 1.42 M Total = 8.86 M	metre	8.86	311.00	2755.46
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash i/c 5% wastage Galvanized iron reinforcement for	metre	7.06	100.00	706.00



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 4.64 M + Window Sash = 6.64 M + Window Mullion = 1.35 M Total = 12.63 M	metre	12.63	70.00	884.10
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	27.91	15.00	418.65
3995	G.I fasteners 100 x 8 mm	each	10.00	15.00	150.00
8757	Stainless steel friction hinges (SS-304grade) size 300 x 19 x 1.9 mm for uPVC window	each	4.00	260.00	1040.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	130.00	260.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170	2.12	360.40
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.35	520.00	702.00
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	1.35	369.00	498.15
TOTAL					9157.96
Add 1 % Water charges					91.58
TOTAL					9249.54 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					1299.56
Total					10549.10 (Y)
Add 15 % Contractor's profit and overheads on "Y"					1582.36
Cost of 1.35 sqm					12131.46
Cost of 1.00 sqm					8986.27
Add labour cess @1 %					89.86
Rate including labour cess					9076.13
Rate including labour cess					9076.13

Say Rs. 9076.10 Per sqm

9.147A.3 Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small

Code	Description	Unit	Quantity	Rate	Amount
	Detail of cost for uPVC casement window size 1.20 x 1.80 m = 2.16 sqm MATERIAL				
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	6.30	280.00	1764.00
8122	uPVC extruded (small series) casement window sash/window Mullion size 47x68 mm i/c 5% wastage Window Sash = 7.28 M + Window Mullion = 2.52 M Total = 9.80 M	metre	9.80	311.00	3047.80
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash i/c 5% wastage Galvanized iron reinforcement for :-	metre	10.62	100.00	1062.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 6.00 M + Window Sash = 6.68 M + Window Mullion = 2.37 M Total = 15.05 M	metre	15.05	70.00	1053.50
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	37.34	15.00	560.10
3995	G.I fasteners 100 x 8 mm	each	12.00	15.00	180.00
8758	Stainless steel friction hinges (SS-304grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	361.00	1444.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	130.00	260.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	2.16	520.00	1123.20
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	2.16	369.00	797.04
TOTAL					11652.04
Add 1 % Water charges					116.52
TOTAL					11768.56 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					1653.48
Total					13422.04 (Y)
Add 15 % Contractor's profit and overheads on "Y"					2013.31
Cost of 2.16 sqm					15435.35
Cost of 1.00 sqm					7146.00
Add labour cess @1 %					71.46
Rate including labour cess					7217.46
Rate including labour cess					7217.46
Say Rs. 7217.50 Per sqm					
9.147A.4	Casement window single panel with S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 60 mm & sash 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 0.75 sqm.)				
Detail of cost for uPVC casement window size 0.70 x 1.35 m = 0.95 sqm					
MATERIAL					
8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	4.31	351.00	1512.81
8128	uPVC extruded (big series) casement window sash/window mullion size 67x80 mm i/c 5% wastage	metre	4.02	469.00	1885.38
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	3.83	135.00	517.05

Galvanized iron reinforcement for :-


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion, i/c 5% wastage Window Frame = 4.01 M + Window Sash = 3.72 M Total = 7.73 M	metre	7.73	75.00	579.75
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	15.99	15.00	239.85
3995	G.I fasteners 100 x 8 mm	each	10.00	15.00	150.00
8759	Stainless steel friction hinges (SS-304grade) size 400 x 19 x 1.9 mm for uPVC window	each	2.00	365.00	730.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	1.00	130.00	130.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	0.95	520.00	494.00
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	0.95	369.00	350.55
	TOTAL				6949.79
	Add 1% Water charges				69.50
	TOTAL				7019.29 X
	Add GST 12% on "X" (multiplying factor 0.1405)				986.21
	Total				8005.50 Y
	Add 15% Contractor's profit and overheads on "Y"				1200.82
	Cost of 0.95 sqm				9206.32
	Cost of 1.00 sqm				9690.87
	Add labour cess @1%				96.91
	Rate including labour cess				9787.77
	Rate including labour cess				9690.87
			Say Rs.	9690.90	Per sqm
9.147A.5	Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm) made of (big series) frame 67 x 60 mm & sash / mullion 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of window above 1.50 sqm)				
	Detail of Cost for uPVC casement window size 1.20 x 1.35 m = 1.62 sqm.				
	MATERIAL				
8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	5.36	351.00	1881.36
8128	uPVC extruded (big series) casement window sash/window mullion size 67x 80 mm i/c 5% wastage Window Sash = 7.71 M + Window Mullion = 1.42 M Total = 9.13 M	metre	9.13	469.00	4281.97
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	7.34	135.00	990.9

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion i/c 5% wastage Window Frame = 5.31 M + Window Sash = 7.11 M + Window Mullion = 1.41 M Total = 13.83 M	metre	13.83	75.00	1037.25
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	30.62	15.00	459.3
3995	G.I fasteners 100 x 8 mm	each	12.00	15.00	180
8758	Stainless steel friction hinges (SS-304 grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	361.00	1444
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	130.00	260
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170.00	2.12	360.4
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	1.62	520.00	842.4
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	1.62	369.00	597.78
	TOTAL				12335.36
	Add 1 % Water charges				123.35
	TOTAL				12458.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1750.45
	Total				14209.16 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2131.37
	Cost of 1.62 sqm				16340.54
	Cost of 1.00 sqm				10086.75
	Add labour cess @1 %				163.41
	Rate including labour cess				10250.16
	Rate including labour cess				10,250.16
				Say Rs. 10250.20 Per sqm	

9.147A.6 Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm , sash 67 x 80 mm , & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).

Detail of cost for uPVC casement cum fixed window size 2.50 x 1.60 m = 4.00 sqm.

MATERIAL

8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	8.61	351.00	3022.11
8128	uPVC extruded (big series) casement window sash/window mullion size 67x80 mm i/c 5% wastage Window Sash = 6.24 M + Window Mullion = 8.93 M Total = 15.17 M	metre	15.17	469.00	7114.73
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	27.85	135.00	3759.75

Galvanized iron reinforcement for :-


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion, big & small series sliding window frame i/c 5% wastage Window Frame = 8.31 M + Window Sash = 5.64 M + Window Mullion = 7.95 M Total = 21.90 M	metre	21.90	75.00	1642.50
7390	EPDM Gasket for uPVC window/door i/c 5% wastage	metre	83.45	15.00	1251.75
3995	G.I fasteners 100 x 8 mm	each	16.00	15.00	240.00
8758	Stainless steel friction hinges (SS-304 grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	361.00	1444.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	130.00	260.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	4.00	520.00	2080.00
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	4.00	369.00	1476.00
	TOTAL				22651.24
	Add 1 % Water charges				226.51
	TOTAL				22877.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3214.32
	Total				26092.08 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				3913.81
	Cost of 4.00 sqm				30005.89
	Cost of 1.00 sqm				7501.47
	Add labour cess @ 1 %				75.01
	Rate including labour cess				7576.49
	Rate including labour cess				7576.49
				Say Rs. 7576.50	Per sqm
9.147B	<p>Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.</p>				
9.147B.1	<p>Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm)</p> <p>Detail of cost for uPVC fixed window size 1.20 x 0.50 m = 0.60 sqm.</p> <p>MATERIAL</p>				
8121	uPVC extruded (small series) fixed window frame size 47x50mm	metre	3.57	280.00	999.60
8122	uPVC extruded (small series) fixed window mullion size 47x68 mm	metre	0.53	311.00	164.83

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8125	uPVC extruded glazing bead of appropriate dimension for small series fixed window Sash	metre	3.99	100.00	399.00
3991	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series fixed window frame and mullion i/c 5% wastage Window Frame = 3.27 M + Window Mullion = 0.98 M	metre	4.25	70.00	297.50
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	8.38	15.00	125.70
3995	G.I fasteners 100 x 8 mm SS screws and carriage of material	each	8.00	15.00	120.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded fixed windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.		0.60	520.00	312.00
163	Labour for installation of uPVC extruded fixed windows including scaffolding	sqm	0.60	369.00	221.40
	TOTAL				3000.43
	Add 1 % Water charges				30.00
	TOTAL				3030.43 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				425.78
	Total				3456.21 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				518.43
	Cost of 0.60 sqm				3974.64
	Cost of 1.00 sqm				6624.40
	Add labour cess @1 %				66.24
	Rate including labour cess				6690.65
	Rate including labour cess				6690.65
					Say Rs. 6690.70 Per sqm

9.147C Providing and fixing factory made uPVC white colour casement/ Casement cum fixed glazed door comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, zinc alloy (white powder coated) 3D hinges and one handle on each side of panels along with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key, G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws, etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid s

Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.

9.147C.1 Casement door with 3D hinges made of (big series) frame 67 x 64 mm & sash 67 x 110 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.00 sqm).

Detail of cost for uPVC casement door size 0.90 x 2.10
m = 1.89 sqm.


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL				
8127	uPVC extruded (big series) casement door frame size 67x64 mm i/c 5% wastage	metre	5.36	396.00	2122.56
8129	uPVC extruded (big series) casement door sash size 67x110 mm i/c 5% wastage	metre	6.02	568.00	3419.36
8130	uPVC extruded glazing bead of appropriate dimension for big series casement door sash i/c 5% wastage	metre	5.22	135.00	704.70
3992	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window/door frame, sash, mullion, i/c 5% wastage	metre	5.14	75.00	385.50
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash i/c 5% wastage	metre	5.72	100.00	572.00
7390	EPDM Gasket for uPVC window/door i/c 5% wastage	metre	22.91	15.00	343.65
3995	G.I fasteners 100 x 8 mm	each	10.00	15.00	150.00
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	3.00	455.00	1365.00
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	1.00	2635.00	2635.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR LABOUR	L.S.	170.00	2.12	360.40
162	Labour for fabrication of uPVC extruded casement/ fixed windows/and door including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.89	520.00	982.80
163	Labour for installation of uPVC extruded casement windows and doors including scaffolding	sqm	1.89	369.00	697.41
	TOTAL				13738.38
	Add 1 % Water charges				137.38
	TOTAL				13875.76
	Add GST 12% on "X" (multiplying factor 0.1405)				1949.54
	Total				15825.31
	Add 15 % Contractor's profit and overheads on "Y"				2373.80
	Cost of 1.89 sqm				18199.10
	Cost of 1.00 sqm				9629.16
	Add labour cess @1 %				96.29
	Rate including labour cess				9725.45
	Rate including labour cess				9725.45
	Say Rs.		9725.50	Per sqm	

9.147C.2 Casement door with top hung ventilator with 3D and S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 64 mm, sash 67 x 110 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension.(Area of door upto 2.50 sqm)

Detail of cost for uPVC casement door size 0.90 x 2.70
m = 2.43 sqm

MATERIAL

8127	uPVC extruded (big series) casement door frame size 67x64 mm i/c 5% wastage	metre	6.30	396.00	2494.80
8129	uPVC extruded (big series) casement door sash size 67x110 mm i/c 5% wastage	metre	6.01	568.00	3413.68


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8128	uPVC extruded (big series) casement door sash/mullion size 67x80 mm i/c 5% wastage Door sash (67 mm x 80 mm) = 2.60 M +Door mullion (67 mm x 80 mm) = 0.95 M Total = 3.55 M	metre	3.55	469.00	1664.95
8130	uPVC extruded glazing bead of appropriate dimension for big series casement door sash i/c 5% wastage	metre	8.06	135.00	1088.10
3992	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door frame, sash, mullion, i/c 5% wastage Door Frame = 6.08 M + Ventilator Sash = 2.30 M + Mullion = 0.88 M Total = 9.26 M	metre	9.26	75.00	694.50
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash i/c 5% wastage	metre	5.71	100.00	571.00
7390	EPDM Gasket for uPVC window/door i/c5% wastage	metre	31.98	15.00	479.70
3995	G.I fasteners 100 x 8 mm	each	12.00	15.00	180.00
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	3.00	455.00	1365.00
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	1.00	2635.00	2635.00
8759	Stainless steel friction hinges (SS-304 grade) size 400 x 19 x 1.9 mm for uPVC window	each	2.00	365.00	730.00
8750	Zinc alloy (white powder coated) casement handle for uPVC window/ door	each	1.00	130.00	130.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
	LABOUR				0.00
162	Labour for fabrication of uPVC extruded casement doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.43	520.00	1263.60
163	Labour for installation of uPVC extruded casement ventilator and doors including scaffolding	sqm	2.43	369.00	896.67
	TOTAL				17967.40
	Add 1 % Water charges				179.67
	TOTAL				18147.07
	Add GST 12% on "X" (multiplying factor 0.1405)				2549.66
	Total				20696.74 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				3104.51
	Cost of 2.43 sqm				23801.25
	Cost of 1.00 sqm				9794.75
	Add labour cess @1 %				97.95
	Rate including labour cess				9892.70
	Rate including labour cess				9892.70

Say Rs. 9892.70 Per sqm


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.147D	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately) Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.				
9.147D.1	Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm) Detail of cost for uPVC sliding window size 1.20 x 1.35 m = 1.62 sqm. MATERIAL				
8133	uPVC extruded (small series) 2 track sliding window frame size 52x44 mm i/c 5% wastage	metre	5.36	314.00	1683.04
8137	uPVC extruded (small series) 2 track sliding window sash size 32x60mm i/c 5% wastage	metre	7.90	291.00	2298.90
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	2.69	88.00	236.72
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	6.92	66.00	456.72
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series 2 track sliding window frame and sash i/c 5% wastage 2 Track Sliding (Window Frame = 5.06 M + Window Sash = 7.30 M) Total = 12.36 M	metre	12.36	70.00	865.20
7390	EPDM Gasket for uPVC window/door i/c 5% wastage	metre	13.84	15.00	207.60
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	18.48	20.00	369.60
3995	G.I fasteners 100 x 8 mm	each	12.00	15.00	180.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	114.00	228.00
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	4.00	60.00	240.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170.00	2.12	360.40
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardware's, hire charges of drill machine and electricity charges etc.	sqm	1.62	520.00	842.40

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	1.62	369.00	597.78
	TOTAL				8566.36
	Add 1 % Water charges				85.66
	TOTAL				8652.02 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1215.61
	Total				9867.63 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1480.14
	Cost of 1.62 sqm				11347.78
	Cost of 1.00 sqm				7004.80
	Add labour cess @1 %				70.05
	Rate including labour cess				7074.85
	Rate including labour cess				7074.85
			Say Rs.	7074.90	Per sqm
9.147D.2	Three track three panels sliding window with fly proof SS wire mesh (Two nos. glazed & one no. wire mesh panels) made of (small series) frame 92 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension (Area of window upto 1.75 sqm).				
	Detail of cost for uPVC sliding window size 1.20 x 1.35 m = 1.62 sqm.				
	MATERIAL				
8135	uPVC extruded (small series) 3 track sliding window frame size 92x44 mm i/c 5% wastage	metre	5.06	418.00	2115.08
8137	uPVC extruded (small series) 3 track sliding window sash size 32x60mm i/c 5% wastage	metre	11.84	291.00	3445.44
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	4.04	88.00	355.52
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	10.38	66.00	685.08
3991	Galvanized iron reinforcement for Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series sliding window frame and sash i/c 5% wastage 3 Track Sliding (Window Frame = 9.52 m + Window Sash = 10.94 m) Total = 20.46 M	metre	20.46	70.00	1432.20
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	20.76	15.00	311.40
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	27.72	20.00	554.40
3995	G.I fasteners 100 x 8 mm	each	12.00	15.00	180.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	114.00	228.00
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	60.00	360.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
	LABOUR				


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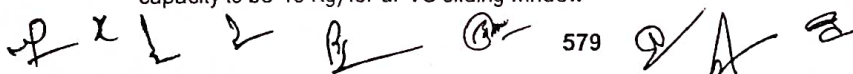
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	1.62	520.00	842.40
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	1.62	369.00	597.78
	TOTAL				11467.70
	Add 1 % Water charges				114.68
	TOTAL				11582.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1627.32
	Total				13209.70 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1981.46
	Cost of 1.62 sqm				15191.16
	Cost of 1.00 sqm				9377.26
	Add labour cess @1 %				93.77
	Rate including labour cess				9471.03
	Rate including labour cess				9471.03
				Say Rs. 9471.00 Per sqm	
9.147D.3	Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).				
	Detail of cost for uPVC sliding window size 1.50 x 1.35 m = 2.03sqm				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	5.99	424.00	2539.76
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	8.36	357.00	2984.52
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	2.65	98.00	259.70
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	7.64	85.00	649.40
3992	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	5.69	75.00	426.75
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	7.76	90.00	698.40
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	15.28	15.00	229.20
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	19.37	20.00	387.40
3995	G.I fasteners 100 x 8 mm	each	14.00	15.00	210.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	114.00	228.00
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	4.00	60.00	240.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
	LABOUR				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.03	520.00	1055.60
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	2.03	369.00	749.07
	TOTAL				11018.20
	Add 1 % Water charges				110.18
	TOTAL				11128.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1563.54
	Total				12691.92 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1903.79
	Cost of 2.03 sqm				14595.71
	Cost of 1.00 sqm				7190.00
	Add labour cess @1 %				71.90
	Rate including labour cess				7261.90
	Rate including labour cess				7261.90
				Say Rs. 7261.90 Per sqm	
9.147D.4	Three track three panels sliding window with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm).				
	Detail of cost for uPVC sliding window size 1.80 x 1.35 m = 2.43 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding window frame size 116x45mm i/c 5% wastage	metre	6.62	583.00	3859.46
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm i/c 5% wastage	metre	13.49	358.00	4829.42
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	3.98	98.00	390.04
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	11.91	85.00	1012.35
3992	Galvanized iron reinforcement for - Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (3 track sliding window frame i/c 5% wastage)	metre	12.64	75.00	948.00
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (3 track sliding window sash i/c 5% wastage)	metre	12.59	90.00	1133.10
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	23.81	15.00	357.15
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	30.96	20.00	619.20
3995	G.I fasteners 100 x 8 mm	each	16.00	15.00	240.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	114.00	228.00
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	60.00	360.00


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.43	520.00	1263.60
163	Labour for installation of uPVC extruded casement/ sliding windows including scaffolding	sqm	2.43	369.00	896.67
	TOTAL				16497.39
	Add 1 % Water charges				164.97
	TOTAL				16662.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2341.06
	Total				19003.43 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2850.51
	Cost of 2.43 sqm				21853.94
	Cost of 1.00 sqm				8993.39
	Add labour cess @1 %				89.93
	Rate including labour cess				9083.32
	Rate including labour cess				9083.32
			Say Rs.	9083.30	Per sqm
9.147D.5	Three track three panels sliding window made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm)				
	Detail of cost for uPVC sliding window size 1.80 x 1.35 m = 2.43 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding window frame size 116x45mm i/c 5% wastage	metre	6.62	583.00	3859.46
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm i/c 5% wastage	metre	11.85	358.00	4242.30
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	5.30	98.00	519.40
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	10.26	85.00	872.10
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (3 track sliding window frame i/c 5% wastage)	metre	12.64	75.00	948.00
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (3 track sliding window sash i/c 5% wastage)	metre	10.95	90.00	985.50
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	20.52	15.00	307.80
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	29.00	20.00	580.00
3995	G.I fasteners 100 x 8 mm	each	16.00	15.00	240.00
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	114.00	228.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	60.00	360.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	2.43	520.00	1263.60
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	2.43	369.00	896.67
	TOTAL				15663.23
	Add 1 % Water charges				156.63
	TOTAL				15819.86 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2222.69
	Total				18042.55 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2706.38
	Cost of 2.43 sqm				20748.94
	Cost of 1.00 sqm				8538.66
	Add labour cess @1 %				85.39
	Rate including labour cess				8624.04
	Rate including labour cess				8624.04
				Say Rs.	8624.00 Per sqm

- 9.147E** Providing and fixing factory made uPVC white colour sliding glazed window above 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double gla
- Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.

- 9.147E.1** Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 2.50 sqm upto 4.00 sqm.)

Detail of cost for uPVC sliding window size 1.50 x 2.40
m = 3.60 sqm.

MATERIAL

8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	8.19	424.00	3472.56
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	12.77	357.00	4558.89

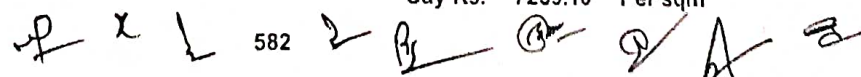

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8141	uPVC extruded interlock of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	4.86	98.00	476.28
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	12.04	85.00	1023.40
3992	Galvanized iron reinforcement for Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	7.89	75.00	591.75
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (2 track sliding window sash i/c 5% wastage)	metre	12.17	90.00	1095.30
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	24.08	15.00	361.20
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	30.40	20.00	608.00
3995	G.I fasteners 100 x 8 mm	each	16.00	15.00	240.00
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set	2.00	1535.00	3070.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding window	each	4.00	105.00	420.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170.00	2.12	360.40
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	3.60	520.00	1872.00
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	3.60	369.00	1328.40
	TOTAL				19478.18
	Add 1 % Water charges				194.78
	TOTAL				19672.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2764.05
	Total				22437.01 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				3365.55
	Cost of 3.60 sqm				25802.56
	Cost of 1.00 sqm				7167.38
	Add labour cess @1 %				71.67
	Rate including labour cess				7239.05
	Rate including labour cess				7239.05

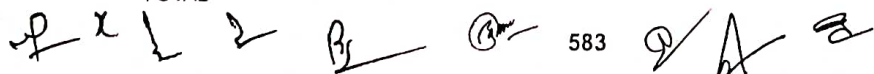
Say Rs. 7239.10 Per sqm

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.147E.2	Two track four panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 4.00 sqm upto 8.00 sqm). Detail of cost for uPVC sliding window size 3.00 x 2.40 m = 7.20 sqm.				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	11.34	424.00	4808.16
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	25.75	357.00	9192.75
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	9.71	98.00	951.58
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	2.40	98.00	235.20
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	24.31	85.00	2066.35
3992	Galvanized iron reinforcement for Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	11.04	75.00	828.00
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (2 track sliding window sash i/c 5% wastage)	metre	24.55	90.00	2209.50
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	48.62	15.00	729.30
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	61.21	20.00	1224.20
3995	G.I fasteners 100 x 8 mm	each	24.00	15.00	360.00
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set	2.00	1535.00	3070.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding window	each	8.00	105.00	840.00
8754	Zinc alloy (white powder coated) crescent lock for uPVC sliding window	each	2.00	110.00	220.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	7.20	520.00	3744.00
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	7.20	369.00	2656.80
	TOTAL				33496.24
	Add 1 % Water charges				334.96
	TOTAL				33831.20 (X)


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				4753.28
	Total				38584.49 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				5787.67
	Cost of 7.20 sqm				44372.16
	Cost of 1.00 sqm				6162.80
	Add labour cess @1 %				61.63
	Rate including labour cess				6224.43
	Rate including labour cess				6224.43
				Say Rs. 6224.40 Per sqm	

9.147F Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length, (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in- Charge. (Single / double glass panes, wire mesh and s T V b

Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable

9.147F.1 Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)

Detail of cost for sliding door size 2.00 x 2.10 m = 4.20 sqm.

MATERIAL

8134	uPVC extruded (big series) 2 track sliding door frame size 67x50mm i/c 5% wastage	metre	8.61	424.00	3650.64
8143	uPVC extruded 2 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	12.60	385.00	4851.00
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	4.23	98.00	414.54
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash i/c 5% wastage	metre	11.54	85.00	980.90
3992	Galvanized iron reinforcement for Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	8.31	75.00	623.25
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	12.00	90.00	1080.00
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	23.08	15.00	346.20
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	29.43	20.00	588.60
3995	G.I fasteners 100 x 8 mm	each	18.00	15.00	270.00

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1265.00	2530.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door	each	4.00	105.00	420.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	4.20	520.00	2184.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	4.20	369.00	1806.00
TOTAL					20105.53
Add 1 % Water charges					201.06
TOTAL					20306.59 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					2853.08
Total					23159.66 (Y)
Add 15 % Contractor's profit and overheads on "Y"					3473.95
Cost of 4.20 sqm					26633.61
Cost of 1.00 sqm					6341.34
Add labour cess @1 %					63.41
Rate including labour cess					6404.75
Rate including labour cess					6404.75
Say Rs. 6404.80 Per sqm					

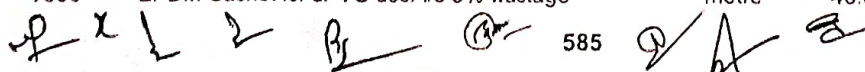
9.147F.2 Two track four panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 8.00 sqm upto 10.00 sqm).

Detail of cost for uPVC sliding door size 4.00 x 2.10 m = 8.40 sqm.

MATERIAL

8134	uPVC extruded (big series) 2 track sliding door frame size 67x50mm i/c 5% wastage	metre	12.81	424.00	5431.44
8143	uPVC extruded 2 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	25.42	385.00	9786.70
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	8.45	98.00	828.10
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding door sash	metre	2.10	98.00	205.80
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash	metre	23.30	85.00	1980.50
3992	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frame (2 track sliding door same i/c 5% wastage)	metre	12.51	75.00	938.25
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	24.22	90.00	2179.80

7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	46.60	15.00	699.00
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	59.29	20.00	1185.80
3995	G.I fasteners 100 x 8 mm	each	26.00	15.00	390.00
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1265.00	2530.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door	each	8.00	105.00	840.00
8754	Zinc alloy (white powder coated) crescent lock for uPVC sliding door	each	2.00	110.00	220.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardware, hire charges of drill machine and electricity charges etc.	sqm	8.40	520.00	4368.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	8.40	369.00	3099.60
	TOTAL				35043.39
	Add 1 % Water charges				350.43
	TOTAL				35393.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				4972.83
	Total				40366.66 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				6055.00
	Cost of 8.40 sqm				46421.65
	Cost of 1.00 sqm				5526.39
	Add labour cess @1 %				55.26
	Rate including labour cess				5581.65
	Rate including labour cess				5581.65
				Say Rs. 5581.70 Per sqm	
9.147F.3	Three track three panels sliding door made of (big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of door above 5.00 sqm)				
	Detail of cost for uPVC sliding door size 3.00 x 2.10 m = 6.30 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding door frame size 116x45mm i/c 5% wastage	metre	10.71	583.00	6243.93
8143	uPVC extruded 3 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	19.09	385.00	7349.65
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	8.45	98.00	828.10
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door i/c 5% wastage	metre	17.51	85.00	1488.35
3992	Galvanized iron reinforcement for - Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frames (3 track sliding door frame i/c 5% wastage)	metre	20.82	75.00	1561.50

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (3 track sliding door sash i/c 5% wastage)	metre	18.19	90.00	1637.10
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	35.01	15.00	525.15
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	46.63	20.00	932.60
3995	G.I fasteners 100 x 8 mm	each	24.00	15.00	360.00
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1265.00	2530.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door	each	6.00	105.00	630.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170.00	2.12	360.40
162	Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	6.30	520.00	3276.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	6.30	369.00	2324.70
	TOTAL				30047.48
	Add 1 % Water charges				300.47
	TOTAL				30347.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				4263.89
	Total				34611.84 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				5191.78
	Cost of 6.30 sqm				39803.62
	Cost of 1.00 sqm				6318.03
	Add labour cess @1 %				63.18
	Rate including labour cess				6381.22
	Rate including labour cess				6381.22
				Say Rs. 6381.20 Per sqm	
9.147 F.4	Three track three panels sliding door with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)				
	Detail of cost for uPVC sliding door size 2.00 x 2.10 m = 4.20 sqm				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding door frame size 116x45mm i/c 5% wastage	metre	8.61	583.00	5019.63
8143	uPVC extruded 3 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	18.90	385.00	7276.50
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	6.34	98.00	621.32
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash i/c 5% wastage	metre	17.82	85.00	1514.70


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
3992	Galvanized iron reinforcement for :- Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frame (3 track sliding door frame i/c 5% wastage)	metre	8.31	75.00	623.25
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (3 track sliding door sash i/c 5% wastage)	metre	18.00	90.00	1620.00
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	36.64	15.00	549.60
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	44.14	20.00	882.80
3995	G.I fasteners 100 x 8 mm	each	18.00	15.00	270.00
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1265.00	2530.00
8749	Zinc alloy (white powder coated) touch lock with hook for wire mesh shutter	each	1.00	133.00	133.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door	each	6.00	105.00	630.00
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	2.12	360.40
162	LABOUR Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	4.20	520.00	2184.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	4.20	369.00	1549.80
	TOTAL				25765.00
	Add 1 % Water charges				257.65
	TOTAL				26022.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3656.18
	Total				29678.83 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				4451.82
	Cost of 4.20 sqm				34130.66
	Cost of 1.00 sqm				8126.35
	Add labour cess @1 %				81.26
	Rate including labour cess				8207.61
	Rate including labour cess				8207.61
				Say Rs.	8207.60 Per sqm

9.148 Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/ top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.

9.148.1 200 x 19 x 1.9 mm

Details of cost for 10 Nos

MATERIAL:

8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for uPVC windows	each	10.00	212.00	2120.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	35.84	14.34
9999	Carriage	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84

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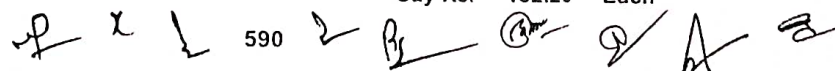
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				2234.62
	Add Water Charges @ 1%				22.35
	TOTAL				2256.97
	Add GST 12% on "X" (multiplying factor 0.1405)				317.10
	Total				2574.07 (Y)
	Add CPOH @ 15%				386.11
	Cost of 10 nos				2960.19
	Cost of each				296.02
	labour cess @1%				2.96
	Rate including labour cess				298.98
		Say Rs.	299.00	Each	
9.148.2	250 x 19 x 1.9 mm				
	Details of cost for 10 Nos				
	MATERIAL:				
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for uPVC windows	each	10.00	237.00	2370.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	35.84	14.34
9999	Carriage	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				2484.62
	Add Water Charges @ 1%				24.85
	TOTAL				2509.47
	Add GST 12% on "X" (multiplying factor 0.1405)				352.58
	Total				2862.05 (Y)
	Add CPOH @ 15%				429.31
	Cost of 10 nos				3291.36
	Cost of each				329.14
	labour cess @1%				3.29
	Rate including labour cess				332.43
		Say Rs.	332.40	Each	
9.148.3	300 x 19 x 1.9 mm				
	Details of cost for 10 Nos				
	MATERIAL:				
8757	Stainless steel friction hinge of size 300 mm x 19 x 1.9 mm for uPVC windows	each	10.00	260.00	2600.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	35.84	14.34
9999	Carriage	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				2714.62
	Add Water Charges @ 1%				27.15
	TOTAL				2741.77
	Add GST 12% on "X" (multiplying factor 0.1405)				385.22
	Total				3126.99 (Y)
	Add CPOH @ 15%				469.05
	Cost of 10 nos				3596.04
	Cost of each				359.60
	labour cess @1%				3.60
	Rate including labour cess				363.20
		Say Rs.	363.20	Each	
9.148.4	350 x 19 x 1.9 mm				
	Details of cost for 10 Nos				
	MATERIAL:				
8758	Stainless steel friction hinge of size 350 mm x 19 x 1.9 mm for uPVC windows	each	10.00	361.00	3610.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	35.84	14.34
9999	Carriage	L.S.	2.73	2.12	5.79


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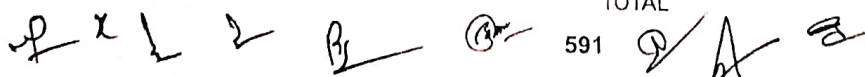
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				3724.62
	Add Water Charges @ 1%				37.25
	TOTAL				3761.87
	Add GST 12% on "X" (multiplying factor 0.1405)				528.54
	Total				4290.41 (Y)
	Add CPOH @ 15%				643.56
	Cost of 10 nos				4933.97
	Cost of each				493.40
	labour cess @1%				4.93
	Rate including labour cess				498.33
		Say Rs.	498.30	Each	
9.148.5	400 x 19 x 1.9 mm				
	Details of cost for 10 Nos				
	MATERIAL:				
8759	Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for uPVC windows	each	10.00	365.00	3650.00
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	35.84	14.34
9999	Carriage	L.S.	2.73	2.12	5.79
0112	Carpenter 2nd class	day	0.14	369.00	51.66
0114	Beldar	day	0.14	306.00	42.84
	TOTAL				3764.62
	Add Water Charges @ 1%				37.65
	TOTAL				3802.27
	Add GST 12% on "X" (multiplying factor 0.1405)				534.22
	Total				4336.49 (Y)
	Add CPOH @ 15%				650.47
	Cost of 10 nos				4986.96
	Cost of each				498.70
	labour cess @1%				4.99
	Rate including labour cess				503.68
		Say Rs.	503.70	Each	
9.149	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.				
	Details of cost for 10 Nos				
	MATERIAL:				
8750	Zinc alloy (white powder coated) casement handle for uPVC windows	each	10.00	130.00	1300.00
9999	Carriage	L.S.	4.42	2.12	9.37
9999	Sundries (Screws)	L.S.	3.00	2.12	6.36
	LABOUR:				
0156	Carpenter (average)	day	0.13	369.00	46.13
	TOTAL				1361.86
	Add Water Charges @ 1%				13.62
	TOTAL				1375.47
	Add GST 12% on "X" (multiplying factor 0.1405)				193.25
	Total				1568.73 (Y)
	Add CPOH @ 15%				235.31
	Cost of 10 nos				1804.04
	Cost of each				180.40
	labour cess @1%				1.80
	Rate including labour cess				182.21
		Say Rs.	182.20	Each	

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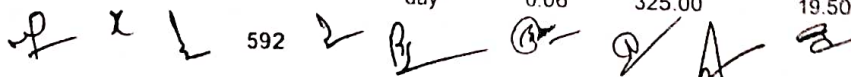
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.150	Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.				
	Details of cost for 10 Nos				
	MATERIAL:				
8751	Zinc alloy (white powder coated) Touch Lock for uPVC windows	each	10.00	114.00	1140.00
9999	Carriage	L.S.	4.42	2.12	9.37
9999	Sundries (Screws)	L.S.	3.00	2.12	6.36
	LABOUR:				
0156	Carpenter (average)	day	0.13	369.00	46.13
	TOTAL				1201.86
	Add Water Charges @ 1%				12.02
	TOTAL				1213.87
	Add GST 12% on "X" (multiplying factor 0.1405)				170.55
	Total				1384.42 (Y)
	Add CPOH @ 15%				207.66
	Cost of 10 nos				1592.09
	Cost of each				159.21
	labour cess @1%				1.59
	Rate including labour cess				160.80
		Say Rs.	160.80	Each	
9.151	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.				
	Details of cost for 10 Nos				
	MATERIAL:				
8752	Zinc alloy rollers for uPVC windows	each	10.00	60.00	600.00
9999	Carriage	L.S.	4.42	2.12	9.37
9999	Sundries (Screws)	L.S.	3.00	2.12	6.36
	LABOUR:				
0156	Carpenter (average)	day	0.13	369.00	46.13
	TOTAL				661.86
	Add Water Charges @ 1%				6.62
	TOTAL				668.47
	Add GST 12% on "X" (multiplying factor 0.1405)				93.92
	Total				762.39 (Y)
	Add CPOH @ 15%				114.36
	Cost of 10 nos				876.75
	Cost of each				87.68
	labour cess @1%				0.88
	Rate including labour cess				88.55
		Say Rs.	88.60	Each	
9.152	Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.				
	Details of cost for 10 Nos				
	MATERIAL:				
8753	Zinc alloy rollers for uPVC door	each	10.00	105.00	1050.00
9999	Carriage	L.S.	4.42	2.12	9.37
9999	Sundries (Screws)	L.S.	3.00	2.12	6.36
	LABOUR:				
0156	Carpenter (average)	day	0.13	369.00	46.13
	TOTAL				1111.86
	Add Water Charges @ 1%				11.12
	TOTAL				1122.97


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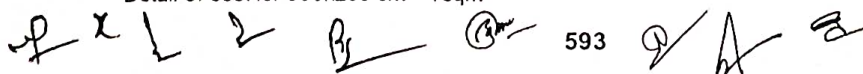
Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST 12% on "X" (multiplying factor 0.1405)				157.78
	Total				1280.75 (Y)
	Add CPOH @ 15%				192.11
	Cost of 10 nos				1472.86
	Cost of each				147.29
	labour cess @1%				1.47
	Rate including labour cess				148.76
		Say Rs.	148.80	Each	
9.153	Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.				
	Details of cost for 10 Nos				
	MATERIAL:				
8754	Zinc alloy (white powder coated) casement lock for uPVC windows	each	10.00	110.00	1100.00
9999	Carriage	L.S.	4.42	2.12	9.37
9999	Sundries (Screws)	L.S.	3.00	2.12	6.36
	LABOUR:				
0156	Carpenter (average)	day	0.13	369.00	46.13
	TOTAL				1161.86
	Add Water Charges @ 1%				11.62
	TOTAL				1173.47
	Add GST 12% on "X" (multiplying factor 0.1405)				164.87
	Total				1338.35 (Y)
	Add CPOH @ 15%				200.75
	Cost of 10 nos				1539.10
	Cost of each				153.91
	labour cess @1%				1.54
	Rate including labour cess				155.45
		Say Rs.	155.40	Each	
9.154	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube,placed along the walls, ceiling and floor in a grid pattern with spacing @bolt, including making provision for opening for doors, windows, electrical conduits, switch boards 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.				
	Details of cost for 2.4x2.4 m panel=5.76m ² or 58.35 Kg				
	MATERIAL:				
	M.S.Pipe section @ 10.13 kg/sqm=58.35 Kg+				
	Add 5% wastage = 2.92 Kg				
	Total = 61.27 Kg				
4009	Mild steel tubes hot finished welded type	kilogram	61.27	60.00	3676.20
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	20.00	2479.00	49580.00
	Steel primer 5 x 2 x 2.40 x 0.05 x 4 = 4.80 sqm				
13.50.3	Rate as per Item Number 13.50.3 of SH: Finishing	sqm	4.80	34.60	166.08 A
	LABOUR:				
0116	Fitter (grade 1)	day	0.40	420.00	168.00
0103	Blacksmith 2nd class	day	0.53	369.00	195.57
0114	Beldar	day	1.23	306.00	376.38
0100	Bandhani	day	0.06	325.00	19.50

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries	L.S.	33.56	2.12	71.15
	TOTAL				54252.88
	Add Water Charges @ 1% except on A i.e on (54252.8772 - 166.08)=				540.87
	TOTAL				54793.75
	Add GST 12% on "X" except A(multiplying factor 0.1405)				7675.19
	Total				62468.93 (Y)
	Add CPOH @ 15% except on A i.e on (62468.932128666 - 166.08)=				9345.43
	Cost of 58.35 kg				71814.36
	Cost of 1 kg				1230.75
	labour cess @1%				12.31
	Rate including labour cess				1243.06
				Say Rs. 1243.10 per kg	
9.155	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel grooves or rebated to be measured). Panelling for panelled and glazed shutters 25mm to 40mm inserts excluding portion inside thick:Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587				
	Details of cost for 0.66 sqm Detail of cost for a door with 2/3rd paneling. 200 x 108 cm = 2.16 sqm Pannel area 4x45.1x36.55cm =0.66 sqm MATERIAL: Both side laminated 12mm thick MDF Board 4x47.2x38.65 cm = 0.73 sqm Adding 10% wastage= 0.07 sqm Total= 0.80 sqm				
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	0.80	469.00	375.20
9999	Sundries (Carriage of MDF board)	L.S.	1.82	2.12	3.86
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	413.00	235.41
9999	Sundries	L.S.	4.42	2.12	9.37
	TOTAL				623.84
	Add Water Charges @ 1%				6.24
	TOTAL				630.08
	Add GST 12% on "X" (multiplying factor 0.1405)				88.53
	Total				718.60 (Y)
	Add CPOH @ 15%				107.79
	Cost of 0.66 sqm				826.39
	Cost of 1 sqm				1252.11
	labour cess @1%				12.52
	Rate including labour cess				1264.63
				Say Rs. 1264.60 per sqm	
9.156	Providing and fixing Pre -laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately).				
9.156.1	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587				
	Details of cost for 7.00 sqm Detail of cost for 350x200 cm = 7sqm				



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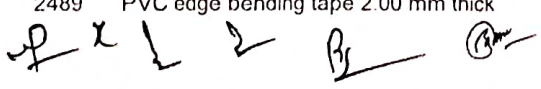
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL: 12 mm thick both side laminated board = 7.00 sqm Add for wastage @5% = 0.35 sqm Total= 7.35 sqm				
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	7.35	469.00	3447.15
9999	Sundries (Carriage of MDF board)	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				4170.96
	Add Water Charges @ 1%				41.71
	TOTAL				4212.67
	Add GST 12% on "X" (multiplying factor 0.1405)				591.88
	Total				4804.55 (Y)
	Add CPOH @ 15%				720.68
	Cost of 7.00 sqm				5525.23
	Cost of 1 sqm				789.32
	labour cess @1%				7.89
	Rate including labour cess				797.21
	Say Rs. 797.20 per sqm				
9.156.2	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587				
	Details of cost for 7.00 sqm Detail of cost for 350x200 cm = 7sqm				
	MATERIAL:				
	18 mm thick both side laminated board = 7.00 sqm Add for wastage @5% = 0.35 sqm Total= 7.35 sqm				
2485	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	7.35	609.00	4476.15
9999	Sundries (Carriage of MDF board)	L.S.	19.76	2.12	41.89
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	369.00	332.10
0114	Beldar	day	1.00	306.00	306.00
	TOTAL				5213.19
	Add Water Charges @ 1%				52.13
	TOTAL				5265.32
	Add GST 12% on "X" (multiplying factor 0.1405)				739.78
	Total				6005.10 (Y)
	Add CPOH @ 15%				900.77
	Cost of 7.00 sqm				6905.87
	Cost of 1 sqm				986.55
	labour cess @1%				9.87
	Rate including labour cess				996.42
	Say Rs. 996.40 per sqm				
9.157	Providing and fixing Pre-laminated medium density fibre board IS: 14587:1998 marked, with one side decorative lamination other side balancing lamination Grade-I(exterior grade) in shelves with screws and fittings wherever required, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand (fittings to be paid separately).				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.157.1	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587				
	Details of cost for 0.60 sqm Detail of cost for 4 Nos. 75x20 cm shelves = 0.60 sqm MATERIAL: 18 mm Thick MDF Board out side laminated = 0.60 sqm Add wastage @ 5% = 0.03 sqm Total= 0.63 sqm				
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	0.63	582.00	366.66
	PVC edge bending tape 2.00 mm thick 4X0.75 =3.00 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	3.00	21.00	63.00
9999	Sundries (Carriage of MDF board)	L.S.	0.91	2.12	1.93
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	369.00	40.59
0114	Beldar	day	0.06	306.00	18.36
9999	Sundries and screws	L.S.	7.80	2.12	16.54
	TOTAL				507.08
	Add Water Charges @ 1%				5.07
	TOTAL				512.15
	Add GST 12% on "X" (multiplying factor 0.1405)				71.96
	Total				584.10 (Y)
	Add CPOH @ 15%				87.62
	Cost of 0.60 sqm				671.72
	Cost of 1 sqm				1119.53
	labour cess @1%				11.20
	Rate including labour cess				1130.73
		Say Rs.	1130.70	per sqm	
9.157.2	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587				
	Details of cost for 0.60 sqm Detail of cost for 4 Nos. 75x20 cm shelves = 0.60 sqm MATERIAL: 25 mm Thick MDF Board outside laminated = 0.60 sqm Add wastage @ 5% = 0.03 sqm Total= 0.63 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	0.63	877.00	552.51
	PVC edge bending tape 2.00 mm thick 4X0.75 =3.00 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	3.00	21.00	63.00



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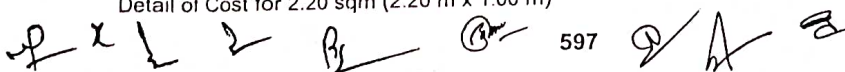
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9999	Sundries (Carriage of MDF board)	L.S.	1.82	2.12	3.86
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	369.00	40.59
0114	Beldar	day	0.06	306.00	18.36
9999	Sundries and screws	L.S.	7.80	2.12	16.54
	TOTAL				694.85
	Add Water Charges @ 1%				6.95
	TOTAL				701.80
	Add GST 12% on "X" (multiplying factor 0.1405)				98.60
	Total				800.41 (Y)
	Add CPOH @ 15%				120.06
	Cost of 0.60 sqm				920.47
	Cost of 1 sqm				1534.11
	labour cess @1%				15.34
	Rate including labour cess				1549.45
				Say Rs. 1549.50	per sqm
9.158	Providing and fixing in wall lining medium density fibre board IS: 14587:1998 marked, Pre-laminated one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. complete.				
9.158.1	12 mm thick.				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	12 mm thick MDF Board Grade-I ,one side laminated = 10.00 sqm				
	Add wastage @10 %=1.00 sqm				
	Total=11.00 sqm				
2487	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	11.00	439.00	4829.00
9999	Sundries (Carriage of MDF board)	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				7034.61
	Add Water Charges @ 1%				70.35
	TOTAL				7104.96
	Add GST 12% on "X" (multiplying factor 0.1405)				998.25
	Total				8103.20 (Y)
	Add CPOH @ 15%				1215.48
	Cost of 10.00 sqm				9318.68
	Cost of 1 sqm				931.87
	labour cess @1%				9.32
	Rate including labour cess				941.19
				Say Rs. 941.20	per sqm
9.158.2	18 mm thick.				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	18 mm thick MDF Board Grade-I , one side laminated = 10.00 sqm				
	Add wastage @10 % = 1.00 sqm				
	Total= 11.00 sqm				
2488	Pre-laminated with decorative lamination one				

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	side and other side balancing lamination exterior				
	Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	11.00	582.00	6402.00
9999	Sundries (Carriage of MDF board)	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				8607.61
	Add Water Charges @ 1%				86.08
	TOTAL				8693.69
	Add GST 12% on "X" (multiplying factor 0.1405)				1221.46
	Total				9915.15 (Y)
	Add CPOH @ 15%				1487.27
	Cost of 10.00 sqm				11402.42
	Cost of 1 sqm				1140.24
	labour cess @1%				11.40
	Rate including labour cess				1151.64
		Say Rs.	1151.60	per sqm	
9.158.3	25 mm thick.				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	25 mm thick MDF Board Grade-I ,one side laminated = 10.00 sqm				
	Add wastage @10 % = 1.00 sqm				
	Total= 11.00 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior				
	Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	11.00	877.00	9647.00
9999	Sundries (Carriage of MDF board)	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	369.00	472.32
0114	Beldar	day	1.43	306.00	437.58
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	22.00	1210.00
	TOTAL				11852.61
	Add Water Charges @ 1%				118.53
	TOTAL				11971.14
	Add GST 12% on "X" (multiplying factor 0.1405)				1681.94
	Total				13653.08 (Y)
	Add CPOH @ 15%				2047.96
	Cost of 10.00 sqm				15701.04
	Cost of 1 sqm				1570.10
	labour cess @1%				15.70
	Rate including labour cess				1585.81
		Say Rs.	1585.80	per sqm	
9.159	Providing and fixing 25mm thick pre-laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked one side decorative and other side balancing lamination for cupboard shutters edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand including ISI marked nicked plated bright finishing M.S. piano hinges IS:3818 marked with necessary screwed complete.				

Details of cost for 2.20 sqm
Detail of Cost for 2.20 sqm (2.20 m x 1.00 m)


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	MATERIAL:				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior				
	Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	2.20	877.00	1929.40
9999	Sundries(Carriage of MDF board)	L.S.	26.94	2.12	57.11
	PVC edge bending tape 2.00 mm thick 2x(2.20+1.00) = 6.40 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	6.40	21.00	134.40
	Fitting for a door of 2.20 m x1.00 m Total = 2(2.20) = 4.40 metre				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	39.00	171.60
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	40.00	50.00
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	369.00	202.95
0114	Beldar	day	0.55	306.00	168.30
	TOTAL				2713.76
	Add Water Charges @ 1%				27.14
	TOTAL				2740.90
	Add GST 12% on "X" (multiplying factor 0.1405)				385.10
	Total				3126.00 (Y)
	Add CPOH @ 15%				468.90
	Cost of 2.20 sqm				3594.90
	Cost of 1 sqm				1634.04
	labour cess @1%				16.34
	Rate including labour cess				1650.38
				Say Rs. 1650.40 per sqm	
9.160	Providing and fixing skirting with Pre-laminated medium density fibre board exterior grade (Grade-I) IS: 14587:1998 marked, (one side decorative and other side balancing lamination) with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand complete.				
9.160.1	18 mm thick.				
	Details of cost for 6.00 sqm				
	Detail of cost for skirting 200 mm wide & 30 m long				
	Area 0.20 mx30 m = 6.0 sqm				
	MATERIAL:				
	Area 0.20 m x30 m = 6.0 sqm				
	Add wastage @ 10 % =0.60 sqm				
	Total = 6.60 sqm				
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior				
	Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	6.60	582.00	3841.20
9999	Sundries (Carriage of MDF board)	L.S.	8.11	2.12	17.19
2489	PVC edge bending tape 2.00 mm thick	metre	30.00	21.00	630.00
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	22.00	2244.00
9999	Sundries(Labour for drilling hole)	L.S.	130.00	2.12	275.60
	LABOUR:				
0112	Carpenter 2nd class	day	0.77	369.00	284.13
0114	Beldar	day	0.86	306.00	263.16
9999	Sundries (screws and sand paper)	L.S.	53.82	2.12	114.10

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	TOTAL				7669.38
	Add Water Charges @ 1%				76.69
	TOTAL				7746.08
	Add GST 12% on "X" (multiplying factor 0.1405)				1088.32
	Total				8834.40 (Y)
	Add CPOH @ 15%				1325.16
	Cost of 6.00 sqm				10159.56
	Cost of 1 sqm				1693.26
	labour cess @1%				16.93
	Rate including labour cess				1710.19
				Say Rs. 1710.20 per sqm	
9.160	Providing and fixing skirting with Pre-laminated medium density fibre board exterior grade (Grade-I) IS: 14587:1998 marked, (one side decorative and other side balancing lamination) with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand complete.				
9.160.2	25 mm thick.				
	Details of cost for 6.00 sqm				
	Detail of cost for skirting 200 mm wide & 30 m long				
	Area 0.20 mx30 m = 6.0 sqm				
	MATERIAL:				
	Area 0.20 m x30 m = 6.0 sqm				
	Add wastage @ 10 % = 0.60 sqm				
	Total = 6.60 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior				
	Grade - I MDF Board 25 mm thick conforming to				
	IS:14587	sqm	6.60	877.00	5788.20
9999	Sundries (Carriage of MDF board)	L.S.	8.11	2.12	17.19
2489	PVC edge bending tape 2.00 mm thick	metre	30.00	21.00	630.00
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	22.00	2244.00
9999	Sundries(Labour for drilling hole)	L.S.	130.00	2.12	275.60
	LABOUR:				
0112	Carpenter 2nd class	day	0.77	369.00	284.13
0114	Beldar	day	0.86	306.00	263.16
9999	Sundries(Screws and sand papers)	L.S.	53.82	2.12	114.10
	TOTAL				9616.38
	Add Water Charges @ 1%				96.16
	TOTAL				9712.55
	Add GST 12% on "X" (multiplying factor 0.1405)				1364.61
	Total				11077.16 (Y)
	Add CPOH @ 15%				1661.57
	Cost of 6.00 sqm				12738.73
	Cost of 1 sqm				2123.12
	labour cess @1%				21.23
	Rate including labour cess				2144.35
				Say Rs. 2144.40 per sqm	



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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.161	Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120gm/m ²) suitable for mounting 120 min Fire Rated Glazed Door Shutters. The frame shall be filled with Mineral wool Insulation having density min 96Kg/m ³ . The frame will have a provision of G.I. Anchor fastners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with Factory made Template for SS Ball Bearing Hinges of Size 100x89x3mm for fixing of fire rated glazed shutter . The frame shall be finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- charge . (Cost of SS ball bearing hinges is excluded).				
	Details of cost for 5.81 metre (Door size- 1710 x 2050 mm)				
	MATERIAL:				
8017	Fire Rated door Frame made with 1.6 mm thick G.I. Sheet (120 minutes)	metre	5.81	1200.00	6972.00
	LABOUR:				
9999	For fixing in position all complete	L.S.	130.00	2.12	275.60
9999	Sundries and carriage (Fasteners, sims, Hole Plugs etc)	L.S.	250.00	2.12	530.00
	Total				7777.60
	Add water charges @ 1%				77.78
	Total				7855.38
	Add GST 12% on "X" (multiplying factor 0.1405)				1103.68
	Total				8959.06 (Y)
	Add CPOH @ 15%				1343.86
	Cost of 5.81 metre				10302.91
	Cost of 1 metre				1773.31
	labour cess @1%				17.73
	Rate including labour cess				1791.04
				Say Rs.	1791.00 per metre

9.162 Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m²) duly filled mineral wool insulation having density min 96 kg/m³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for seperately).

	Details of cost for 3.50 sqm (Door size- 1710 x 2050 mm) material				
	MATERIAL:				
8018	Fire Rated door shutter made with 1.6 mm thick Sheet (120 minutes), including hinges but without glass panels but including wastages	sqm	3.50	6000.00	21000.00
8101	Stainless steel ball bearing hinges of size 100x89x3mm	each	8.00	450.00	3600.00
	LABOUR:				
9999	For fixing in position all complete	L.S.	130.00	2.12	275.60
9999	Sundries and carriage	L.S.	280.00	2.12	593.60
	Total				25469.20
	Add water charges @ 1%				254.69
	Total				25723.89
	Add GST 12% on "X" (multiplying factor 0.1405)				3614.21

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Total				29338.10 (Y)
	Add CPOH @ 15%				4400.71
	Cost of 3.5 sqm				33738.81
	Cost of 1 sqm				9639.66
	labour cess @1%				96.40
	Rate including labour cess				9736.06
				Say Rs. 9736.10 per sqm	
9.163	<p>Providing and fixing non load bearing fixed frame for fire resistant glazed Partition for 120 min Fire Rating, made out to a profile of dimension 60mm x 70 mm of 1.6 mm thick galvanised steel sheet as per test evidence suitable for fixing fire rated glass for 120 min of both integrity & radiation control (EW120) & minimum 15 min of insulation (EI15).The profile has to be fixed to the supporting construction by mea</p> <p>500 mm (approx) c/c. Linear measurement of frame shall be measured for payment. The frame shall be filled with mineral wool insulation of density min 96kg/m³. and finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in-charge.</p> <p>Details of cost for 5.81 metre (Door size- 1710 x 2050 mm)</p> <p>MATERIAL:</p>				
8017	Fire Rated door Frame made with 1.6 mm thick G.I. Sheet (120 minutes)	metre	5.81	1200.00	6972.00
	LABOUR:				
9999	For fixing in position all complete	L.S.	130.00	2.12	275.60
9999	Sundries and carriage (Fasteners, sims, Hole Plugs etc)	L.S.	250.00	2.12	530.00
	Total				7777.60
	Add water charges @ 1%				77.78
	Total				7855.38
	Add GST 12% on "X" (multiplying factor 0.1405)				1103.68
	Total				8959.06 (Y)
	Add CPOH @ 15%				1343.86
	Cost of 5.81 mtere				10302.91
	Cost of 1 metre				1773.31
	labour cess @1%				17.73
	Rate including labour cess				1791.04
				Say Rs. 1791.00 per metre	
9.164	<p>Providing and fixing glazing in fire resistant door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/m²) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/powder coating of not less than 30 micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per direction of Engineer-in- charge. The glass shall be clear, toughened, interlayered, non-wired fire resistant having 11 mm thickness of approved brand with 120 minutes of fire resistance both integrity & radiation control (EW120) and minimum 15 min of insulation (EI15) and having a sound reduction of 37dB and LT of 86%. Glass shall be compliant to class 2(B)2 category of Impact Resistance as per EN 12600. The glass should be manufactured in UL & TUV audited Facility and including UL-EU Certification.The maximum glazing size cannot be more than 1100 mm x 2200 mm (w x h) or 2.42 sq mts in total area. The test report for the complete system (Glazed Door or Partition) will be considered valid only if it contains the stamp and signature of the authorized signatory from the glass manufacturer. (Actual glass size is to be measured at site for payments).</p> <p>Details of cost for 3.50qm (Door size 1710 mm x 2050 mm) Glazing area- 2x0.679x1.808= 2.46 sqm</p> <p>MATERIAL:</p>				
2640	Clear, toughened, interlayered, non-wired fire resistant (120 minutes) glass panes 11 mm thick	sqm	2.46	25500.00	62730.00
					601

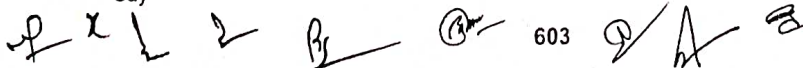
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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
2641	G.I. U beading of 1.6 mm thick G.I. Sheet with M4x38mm SS screws	metre	9.91	250.00	2477.50
2642	Ceramic tape 5x20 mm size	metre	19.82	400.00	7928.00
	LABOUR:				
9999	For fixing in position all complete	L.S.	180.00	2.12	381.60
9999	Sundries and carriage & Calcium Silicate Blocks	L.S.	10.00	2.12	21.20
	Total				73538.30
	Add water charges @ 1%				735.38
	Total				74273.68
	Add GST 12% on "X" (multiplying factor 0.1405)				10435.45
	Total				84709.14 (Y)
	Add CPOH @ 15%				12706.37
	Cost of 2.46 sqm				97415.51
	Cost of 1 sqm				39599.80
	labour cess @1%				396.00
	Rate including labour cess				39995.80
				Say Rs. 39995.80 per sqm	
9.165	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.				
9.165.1	125 mm				
	Details of cost for ten nos (125 mm)				
	MATERIAL				
	Stainless steel fancy handles (125mm)for kitchen cabinet	10 Nos	1.00	700.00	700.00
8214	SS screws 20mm	100 Nos.	0.40	110.00	44.00
9999	Carriage of material	LS	1.82	2.12	3.86
	LABOUR				
111	Carpenter 1st class	day	0.06	413.00	24.78
	TOTAL				772.64
	Add Water Charges @ 1%				7.73
	TOTAL				780.36
	Add GST 12% on "X" (multiplying factor 0.1405)				109.64
	Total				890.01 (Y)
	Add CPOH @ 15%				133.50
	Cost for 10nos				1023.51
	Cost for1 no				102.35
	labour cess @1%				1.02
	Rate including labour cess				103.37
				Say Rs. 103.40 Each	
9.165.2	100mm				
	Details of cost for ten nos (100 mm)				
	MATERIAL				
	Stainless steel fancy handles (100mm) for kitchen cabinet	10 Nos	1.00	500.00	500.00
8214	SS screws 20mm	100 Nos.	0.40	110.00	44.00
9999	Carriage of material	L.S.	1.82	2.12	3.86
	LABOUR				
111	Carpenter 1st class	day	0.06	413.00	24.78
	TOTAL				572.64
	Add Water Charges @ 1%				5.73
	TOTAL				578.36
	Add GST 12% on "X" (multiplying factor 0.1405)				81.26
	Total				659.63 (Y)

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add CPOH @ 15%				98.94
	Cost for 10nos				758.57
	Cost for 1 no				75.86
	labour cess @1%				0.76
	Rate including labour cess				76.62
		Say Rs.	76.60	Each	
9.165.3	75 mm				
	Details of cost for ten nos (75 mm)				
	MATERIAL				
	Stainless steel fancy handles (75mm) for kitchen cabinet	10 Nos	1.00	300.00	300.00
8214	SS screws 20mm	100 Nos.	0.40	110.00	44.00
9999	Carriage of material	LS	1.82	2.12	3.86
	LABOUR				
111	Carpenter 1st class	day	0.06	413.00	24.78
	TOTAL				372.64
	Add Water Charges @ 1%				3.73
	TOTAL				376.36
	Add GST 12% on "X" (multiplying factor 0.1405)				52.88
	Total				429.24 (Y)
	Add CPOH @ 15%				64.39
	Cost for 10nos				493.63
	Cost for 1 no				49.36
	labour cess @1%				0.49
	Rate including labour cess				49.86
		Say Rs.	49.90	Each	
9.166	Providing and fixing 18mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008 of approved brand and shade with suitable full threaded steel screws etc. in partitions, boxes, shelves, racks and cupboard, kitchen cabinet under kitchen counter etc. all complete as per direction of Engineer-in-charge (Note: Fittings to be paid separately).				
9.166.1	18 mm thick				
	Details of cost for 4 nos.				
	75x20cm shelves= 0.60 sqm.				
	MATERIAL				
	18mm thick particle board				
	4x75x20cm = 0.60sqm.				
	Add wastage @ 5% = 0.03sqm. Total= 0.63 sqm				
NA	18mm thick both sides Pre-laminated cement bonded wood particle board as per IS: 15786:2008	sqm	0.63	650	409.50
9977	Carriage of board	L.S.	0.91	2.12	1.93
	LABOUR				
112	Carpenter 2nd class	day	0.11	369.00	40.59
114	Beldar	day	0.06	306.00	18.36
9999	Sundries, Painting edges & Screws	L.S.	7.8	2.12	16.54
	TOTAL				486.92 W
	Add 1 % Water charges on "W"				4.87
	TOTAL				491.78 X
	Add GST on "X" (multiplying factor 0.1405)				69.10
	TOTAL				560.88 Y
	Add 15% CPOH on "y"				84.13
	TOTAL				645.01 Z
	Add Cess @ 1% on "Z"				1075.02
	Cost of 0.60 sqm.				10.75
	Cost of 1 sqm				1085.77
	Say				Say Rs. 1085.80


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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.167	Providing and fixing 6mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008 of approved brand and shade with suitable full threaded steel screws etc. on the backing of racks, drawer, cupboard, kitchen cabinet under kitchen counter etc. all complete as per direction of Engineer-in-charge.				
	Details of cost for 350x200cm = 7sqm. MATERIAL 6mm thick board = 7.00sqm.+ Add wastage @ 5% = 0.35 sqm. Total = 7.35 sqm				
NA	6mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15 786:2008	sqm	7.35	455.6	3348.66
9977	Carriage of particle board	L.S.	13.52	2.12	28.66
9999	Sundries and screws	L.S.	26.91	2.12	57.05
	LABOUR				0.00
112	Carpenter 2nd class	day	0.9	369.00	332.10
114	Beldar	day	1	306.00	306.00
	TOTAL				4072.47 W
	Add 1 % Water charges on "W"				40.72
	TOTAL				4113.20 X
	Add GST on "X" (multiplying factor 0.1405)				577.90
	TOTAL				4691.10 Y
	Add 15% CPOH on "y"				703.67
	TOTAL				5394.77 Z
	Add Cess @ 1% on "Z"				770.68
	Cost of 7 sqm.				7.71
	Cost of 1 sqm				778.39
	Say			Say Rs.	778.40
9.168	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge.(Payment of providing and fixing auto closing hinges shall be paid separately)				
	Details of cost for 2.2 sqm MATERIAL				
NA	19mm thick pre-laminated 2.20sqm. + Add wastage @ 5% ply = 0.11 sqm. Total= 2.31 sqm	sqm	2.31	1745	4030.95
9977	Carriage of shutter	L.S.	29.64	2.12	62.84
2489	PVC edge bending tape 2 X (2.00+1.10)= 6.20 metre	metre	6.2	21.00	130.20
	LABOUR				
	For fixing shutter and PVC edge bending tape				
156	Carpenter (average)	day	0.4	369.00	147.60
114	Beldar	day	0.4	306.00	122.40
	TOTAL				4493.99 W
	Add 1 % Water charges on "W"				44.94
	TOTAL				4538.93 X

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add GST on "X" (multiplying factor 0.1405)				637.72
	TOTAL				5176.65 Y
	Add 15% CPOH on "y"				776.50
	TOTAL				5953.14 Z
	Add Cess @ 1% on "Z"				2705.97
	Cost of 2.2 sqm.				27.06
	Cost of 1 sqm				2733.03
	Say			Say Rs.	2733.00
9.169	Providing and fixing 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand boxes, shelves, racks, almirah, cupboard and drawer etc. including necessary nails, screws etc. complete as per direction of Engineer-in-charge.				
	Details of cost for 4 nos. 75x20cm shelves= 0.60 sqm.				
	MATERIAL				
	19mm thick particle board				
	4x75x20cm = 0.60sqm.				
	Add wastage @ 5% = 0.03sqm. Total= 0.63 sqm				
NA	19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710	sqm	0.63	1650	1039.50
9977	Carriage of board	L.S.	0.91	2.12	1.93
	LABOUR				
0112	Carpenter 2nd class	day	0.11	369.00	40.59
0114	Beldar	day	0.06	306.00	18.36
9999	Sundries, Painting edges & Screws	L.S.	7.8	2.12	16.54
	TOTAL				1116.92 W
	Add 1 % Water charges on "W"				11.17
	TOTAL				1128.08 X
	Add GST on "X" (multiplying factor 0.1405)				158.50
	TOTAL				1286.58 Y
	Add 15% CPOH on "y"				192.99
	TOTAL				1479.57 Z
	Add Cess @ 1% on "Z"				2465.95
	Cost of 0.6 sqm.				24.66
	Cost of 1 sqm				2490.60
	Say			Say Rs.	2490.60
9.170	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge.				
9.170.1	200mm				
	Details of cost for 10 nos.				
	MATERIAL				
NA	Stainless steel fancy handle	10 Nos	1	1000	1000.00
8212	SS screws 30mm	100 Nos	0.4	230.00	92.00
9977	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR				
111	Carpenter 1st class	day	0.06	413.00	24.78
	TOTAL				1122.57 W
	Add 1 % Water charges on "W"				11.23
	TOTAL				1133.79 X
	Add GST on "X" (multiplying factor 0.1405)				159.30
	TOTAL				1293.09 Y

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Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
	Add 15% CPOH on "y"				193.96
	TOTAL				1487.05 Z
	Add Cess @ 1% on "Z"				148.71
	Cost of 10nos				1.49
	Cost of 1 nos				150.19
	Say			Say Rs.	150.20
9.171	Providing and fixing stainless steel soft closing spring hinges at 0 degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge.				
	Details of cost for 10 nos.				
	MATERIAL				
NA	Soft closing stainless steel hinges	10 sets	1	1525	1525.00
8212	SS screws 30mm	100 Nos	0.4	230.00	92.00
9977	Carriage of materials	L.S.	2.73	2.12	5.79
	LABOUR				
111	Carpenter 1st class	day	0.06	413.00	24.78
	TOTAL				1647.57 W
	Add 1 % Water charges on "W"				16.48
	TOTAL				1664.04 X
	Add GST on "X" (multiplying factor 0.1405)				233.80
	TOTAL				1897.84 Y
	Add 15% CPOH on "y"				284.68
	TOTAL				2182.52 Z
	Add Cess @ 1% on "Z"				218.25
	Cost of 10 nos				2.18
	Cost of 1 nos				220.43
	Say			Say Rs.	220.40
9.172	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer- in- charge				
	Details of cost for 10 Sets.				
	MATERIAL				
NA	Stainless steel telescopic drawer channels 500mm long	set	10	535	5350.00
9977	CARRIAGE	L.S.	19.5	2.12	41.34
9999	Sundries including screws and fixing charges.	L.S.	100.1	2.12	212.21
	TOTAL				5603.55 W
	Add 1 % Water charges on "W"				56.04
	TOTAL				5659.59 X
	Add GST on "X" (multiplying factor 0.1405)				795.17
	TOTAL				6454.76 Y
	Add 15% CPOH on "y"				968.21
	TOTAL				7422.97 Z
	Add Cess @ 1% on "Z"				742.30
	Cost of 10 sets				7.42
	Cost of 1set				749.72
	Say			Say Rs.	749.70

BCD Analysis of Rates 2022

Code No	Description	Unit	Quantity	Rate ₹	Amount ₹
9.173	Providing and fixing readymade 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in-charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately).				
	Details of cost for 2kg+ Add wastage @ 5% = 0.10 Total= 2.1 kg MATERIAL				
NA	Stainless steel (Grade-304) basket (readymade)	Kg	2.1	240	504.00
9999	Stainless steel nuts & SS screws etc	L.S	7.5	2.12	15.90
	LABOUR				
	For fixing				
					0.00
0102	Blacksmith 1st class	day	0.05	413.00	20.65
0114	Beldar	day	0.05	306.00	15.30
	TOTAL				
					555.85 W
	Add 1 % Water charges on "W"				
					5.56
	TOTAL				
					561.41 X
	Add GST on "X" (multiplying factor 0.1405)				
					78.88
	TOTAL				
					640.29 Y
	Add 15% CPOH on "y"				
					96.04
	TOTAL				
					736.33 Z
	Add Cess @ 1% on "Z"				
					368.16
	Cost of 2 kg				
					3.68
	Cost of 1kg				
					371.85
	Say				
				Say Rs.	371.80
9.174	Providing and fixing 2mm thick 16 to 19mm wide PVC edge binding tape of approved quality for cupboard/wardrobe shutters including necessary synthetic resin hot pressed to edges on binding machine etc. complete as per directions of Engineer-in-charge.				
	Details of cost for 10 metre MATERIAL				
2489	PVC edge binding tape	metre	10	21.00	210.00
9977	Carnage of materials	L.S.	2.73	2.12	5.79
	LABOUR				
0111	Carpenter 1st class	day	0.05	413.00	20.65
0114	Beldar	day	0.05	306.00	15.30
	TOTAL				
					251.74 w
	Add 1 % Water charges on "W"				
					2.52
	TOTAL				
					254.25 X
	Add GST on "X" (multiplying factor 0.1405)				
					35.72
	TOTAL				
					289.98 y
	Add 15% CPOH on "y"				
					43.50
	TOTAL				
					333.47 z
	Add Cess @ 1% on "Z"				
					33.35
	Cost of 10 metre				
					0.33
	Cost of 1metre				
					33.68
	Say				
				Say Rs.	33.70


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