

DETAILS OF THE MEASUREMENT AND QUANTITIES AND AMOUNT CALCULATION

Item No.	Particulars of items and details of works	Units	No.	Length (ft.)	Breadth(ft.)	Height or Depth(ft.)	Quantity	Rate Rs.	Amount Rs.	Explanatory notes
A.	Iron Works									
1)	Frame members									
a)	Major Pillar Members with end plates	ft.	4	7.00	-	-	28.000	145.00	4,060.00	1.5"*3" section of G10
b)	Minor pillor members with end plates at inner part	ft.	2	7.00	-	-	14.000	110.00	1,540.00	1.5"*3" section of G12
c)	Minor pillor members with end plates	ft.	9	7.00	-	-	63.000	60.00	3,780.00	1.5"*1.5" section of G12
d)	Window vertical support	ft.	8	4.00	-	-	32.000	60.00	1,920.00	1.5"*1.5" section of G12
e)	Door top horizontal member	ft.	4	3.00	-	-	12.000	60.00	720.00	1.5"*1.5" section of G12
f)	Horizontal members with end plates (side face)	ft.	8	7.75	-	-	62.000	60.00	3,720.00	1.5"*1.5" section of G12
g)	Horizontal members with end plates (front face)	ft.	8	10.00	-	-	80.000	60.00	4,800.00	1.5"*1.5" section of G12
h)	Horizontal members with end plates (Back face)	ft.	4	12.17	-	-	48.667	60.00	2,920.00	1.5"*1.5" section of G12
i)	Middle Horizontal members at top with end plates	ft.	6	12.42			74.500	60.00	4,470.00	1.5"*1.5" section of G12
2	Roof Truss									
a)	Principle rafter on both slope	ft.	3	21.00	-	-	63.000	60.00	3,780.00	1.5"*1.5" section of G12
b)	Horizontal Main Tie member	ft.	3	18.00	-	-	54.000	60.00	3,240.00	1.5"*1.5" section of G12
c)	Strut members	ft.	3	27.00	-	-	81.000	50.00	4,050.00	1.5"*1" section of G12
d)	Parline members	ft.	8	27.00	-	-	216.000	40.00	8,640.00	1"*1" section of G14
3	Others									
a)	Base plate of main pillar	no.	5	8 in	8 in	8mm	5.000	195.00	975.00	
b)	Apex plate of main pillar	no.	4	8 in	1.5 in	3mm	4.000	40.00	160.00	
c)	End plates	no.	98	8 in	1.5 in	3mm	98.000	35.00	3,430.00	
d)	Gaseet plate	no.	6	-	-	-	6.000	35.00	210.00	6 mm thk
e)	Join Plates	no.	12	10 in	1.5 in	3mm	12.000	35.00	420.00	
f)	nut and bolt for truss	no.	48	3 in	-	-	48.000	35.00	1,680.00	thread of 1"
g)	nut and bolt for fram joining at midsupports with double plates	no.	12	3 in	-	-	12.000	40.00	480.00	thread of 1"
h)	nut and bolt for fram joining at midsupports with single plates	no.	72	2.5 in	-	-	72.000	40.00	2,880.00	thread of 1"
i)	foundation bar	ft.	16	3.50	-	-	56.000	44.00	2,464.00	Dia 16 mm with thread 2.5"
j)	Roof window	ft.	2	8.50			17.000	40.00	680.00	
	Sub Total								61,019.00	

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B.	Ply wood									
1)	Water proof									
a)	Front face	sq. ft.	1	-	-	-	99	125.00	12,375.00	6 line
b)	Back face	sq. ft.	1	-	-	-	177	125.00	22,125.00	
c)	Right face	sq. ft.	1	-	-	-	123	125.00	15,375.00	
d)	Left face	sq. ft.	1	-	-	-	123	125.00	15,375.00	
2	Comercial plywood									
a)	Cilling cover	sq. ft.	1	-	-	-	400	50.00	20,000.00	3 line
b)	Room partition	sq. ft.	1	-	-	-	270	80.00	21,600.00	6 line
c)	Opennings of door and window	sq. ft.	1				161	50.00	8,050.00	3 line
	Sub Total								114,900.00	
C.	Zinc sheet									
1)	framed									
a)	10 ft. length	sq. ft.	1				1.750	10,400.00	18,200.00	0.41 mm thk
b)	12 ft. length	sq. ft.	1				2.000	10,400.00	20,800.00	0.41 mm thk
2)	Plane	sq. ft.	1				3.176	7,000.00	22,233.33	
	Sub Total								61,233.33	
D.	Concrete									
a)	cement (O.P.C.)	bags					17	800.00	13,600.00	Hetauda cement
b)	Sand	m3					2	2,000.00	4,000.00	
c)	Agregate 20/10 mm	m3					4	1,000.00	4,000.00	
	Sub Total								21,600.00	
E .	Stone soling	sq. ft.	1	21.67	13	0.5	281.667	1.80	507.00	6 inch stone soling
	Sub Total								507.00	
	Total								259,259.33	
	Workshop cost ,tranpotation cost and instalation cost 35%								90,740.77	
	Grand Total								350,000.10	