

**COMPARISON OF COST FOR GALVALUME SHEETS & PROFILE SHEETS.**

**DETAILS OF COST FOR 5000MT STORAGE CAPACITY GODOWN**

<b>PROFILE SHEET (CPWD, Delhi Schedule of Rates 2012)</b>				<b>GALVALUME SHEET (As per Quotation received from M/s Proflex System)</b>									
S. No.	DSR 2012	Description	Qty.	Unit	Rate	cost	S. No	DSR 2012	Description	Qty.	Unit	Rate	Cost
01.	178/ 10.16.1	Providing & fixing tubular trusses	33269	Kg.	85.10	28,31,192.00	01.	Market rates	Providing & fixing Galvalume sheet including transportation, fixing, moulding complete operation for roofing	3069	Sq.m.	1357.00 (Market rates)	41,64,633.00
02.	212/ 12.50	Providing & fixing profile sheet for roofing	3114	Sq.m.	601.75	18,73,850.00	02.	96 / 5.3	R.C.C. Beam 1:1.5:3	54	Cum	5494.55	2,96,706.00
03.	206/ 12.11	Providing & fixing Wind tie	504	Meter	109.30	55,087.00	03.	99 / 5.22	Reinforcement	5400	Kg.	62.25	3,36,150.00
04.	212/ 12.51	Providing & fixing ridges	126	Meter	620.75	78,215.00	04.	97 / 5.9.5	Centring & Shuttering	378	Sq.m.	262.25	99,131.00
05.	222/ 13.62	Painting of trusses	1450	Sq.m.	78.80	1,14,260.00	05.	210 / 12/41	PVC pipe 4" dia	459	P.M.	206.90	94,967.00
06.	177/ 10.11.1	V4 Ventilators	1021	Kg.	96.45	98,475.00	06.	210 / 12.43.2	Providing & Fixing PVC clipping	216	Each	144.60.	31234.00
07.	180/ 10.80	Glass Panes	41	Sq.m.	657.75	26,968.00	07.	210 / 12.42	Elbow / Bend 110 mm	54	Each	156.95	8,475.00
08.	180/ 10.29	Wire Mesh	41	Sq.m.	458.90	18,815.00	08.	340 / 19.19.2.1	Chamber RCC pre-cast slab	54	Each	987.65	53,333.00
09.	227/ 13.61	Painting	80	Sq.m.	53.85	4,308.00	09.	Market Rates	Providing & Fixing charges of Turbo Ventilator and sky light (Rate of roof laid area)	3069	Sq.m.	50.00 (Market Rates)	1,53,450.00
10.	207/ 12.21	Gola	46	Meter	109.50	5,037.00							
11.	109/ 6.4	B. work in parapet	46	Cum	3,876.15	1,78,303.00							
12.	222/ 13.1.2	Plaster work	155	Sq.m.	112.50	17,438.00							

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85 / 4.2.2	C.C. coping 1:1-5:3	0.80	Cum	5,663.30	4,531.00				
14. 225 / 13.37	White washing	113	Sq.m.	11.75	1,328.00				
15. 225 / 13.46	Finishing (Acrylic Exterior Paint)	42	Sq.m.	67.50	2,835.00				
<b>TOTAL</b>				<b>Rs.53,10,642.00</b>					<b>52,38,079.00</b>
<b>ADD@21% ENHANCEMENT ON DSR 2012</b>				<b>Rs.11,15,235.00</b>					
<b>GRAND TOTAL</b>				<b>Rs.64,25,877.00</b>					<b>61,58,079</b>
									<b>ADD : ENHANCEMENT ON DSR ITEM No. 2,3,4,5,6,7&amp;8 = Rs.9,19,996.00</b>

**NOTE:** A) The rates for conventional type roofing are based on DSR 2012, enhanced by 21% to arrive the cost as on 1.10.2012 at Delhi.  
 B) The rates for truss-less roofing system are based on quotation received from M/s. Proflex Systems (A Division of M&B Engineering Ltd.) dated 09<sup>th</sup> April 2013 and applicable upto 04 Weeks from 9<sup>th</sup> April 2013.

**MERITS FOR USING GALVALUME SHEET**

1. Increase in storage capacity. ✓
2. Eliminates overlaps, ridges etc. resulting leak-proof roofing system. ✓
3. Economical. ✓
4. The aluminium zinc coating over Galvalume steel sheet provides superior corrosion resistance and heat reflectivity.
5. This technology gives zero maintenance structure, controlled bird nuisance and provide efficient working conditions.
6. It is a self-supported structure without trusses, purlins or ancillary supports etc.

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 Manager (CE)

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 AGM (CE) 21/11/13

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 DGM (CE)

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