

Case Study IV – Cost comparison of Cold Storage

Cover Area 19936m² + 8m Wide Canopy 5696m² , Total Area 25632 m² m
 14m wide mezzanine – 2 no's Along the length of building

Particulars	PEB – using Beams & Plates	PEB – using APL Apollo Steel Tubes
Steel consumption (Ton)	1487	1210
Raw Material (Rs/kg)	50	55
Conversion Cost (Rs/kg)	15.5	17
Transportation (Rs/kg)	1.2	1.5
Erection (Rs/kg)	5.0	5.0
Total cost (Rs/kg)	71.7	78.5
Project Cost (Rs Cr)	10.66	9.50

Sheeting is not including in above comparison

Benefits of using Steel Tubes

19% less material usage

11% saving in total project cost

