

# Case Study 1 – Cost comparison of Industrial Shed

10,000 sq. meter Industrial shed

| Particulars                   | PEB – using Beams & Plates | PEB – using APL Apollo Steel Tubes |
|-------------------------------|----------------------------|------------------------------------|
| Total Steel consumption (Ton) | 336.06                     | 303.36                             |
| Raw Material (Rs/kg)          | 44.00*                     | 47.00                              |
| Conversion Cost (Rs/kg)       | 17.00                      | 15.00                              |
| Transportation (Rs/kg)        | 1.00                       | 1.00                               |
| Erection (Rs/kg)              | 6.00                       | 5.00                               |
| Total cost (Rs/kg)            | 68.00                      | 68.00                              |
| Project Cost (Rs Cr)          | 2.28                       | 2.06                               |

Benefits of  
using Steel  
Tubes

10% less  
material  
usage

10% saving  
in total  
project cost

\*High tensile steel material for plates and beams