

**LIST OF SAFETY PLANT AND EQUIPMENT AND PPE TO BE DEPLOYED BY THE CONTRACTOR**

Sl. No.	Suggested List of Safety Equipment and Safety Personal Protective Equipment	Minimum Quantity#
1.	<p><b>Safety Net (Conforming IS 11057:1984)</b></p> <p>Safety Net (Net Size: 10m x 5m, Mesh Size: 25 mm, Mesh Rope: 2mm double cord, Border/Tie Cord: 12mm diameter polypropylene rope (tested as per IS: 5175). Two metres length shall be provided at all four corners.</p>	
2.	<p><b>Fall Arrestor 'Rope grab fall arrestor' &amp; anchorage line.</b></p> <p>Anchorage Line: 14mm- 16 mm diameter, three strand twisted Polyamide rope.</p> <p>Rope Grab fall arrestor: Openable &amp; Guided type Fall Arrestor (on flexible line) conforming EN 353-2 &amp; works on 14-16 mm diameter polyamide rope. Material: Nickel Chrome plated Steel</p> <p>Connector: Karbiner conforming to EN 362 (Minimum Strength 22 KN), material: Steel</p>	
3.	<p><b>Horizontal life line</b></p> <p>Stainless Steel Wire rope of 8mm diameter. Minimum six nos. of steel U-bolt clips are required for clamping each wire rope to a rigid support (03 nos. of U-bolt clips at each end).</p>	
4.	<p><b>Ladders on column</b></p> <p>The minimum design live load on metallic ladder shall be a single concentrated load of 100 kilo grams. All rungs shall have a minimum diameter of 1.90 centimeters, and minimum clear length of rungs shall be 40.6 centimeters. The distance between rungs shall not exceed 30.5 centimeters. Each ladder shall have maximum height of 9.0 metre.</p> <p>The ladder shall have proper fastenings for attaching it to a column using positive means such as bolt, weld or other type of fasteners.</p>	
5.	<p><b>Safety PPEs ( Industrial Safety helmet &amp; Industrial Safety Shoes)</b></p>	

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	<p>Industrial Safety Helmet (IS:2925-1984 marked).</p> <p>Industrial Safety/Electrical Shoes (IS:15298-2002 marked).</p> <p>Full body Safety Harness (conforming IS:3521)</p>	

**# Safety Equipment and Safety Personal Protective Equipment shall be deployed by contractor to meet the safety requirement. Quantity shall be deployed as per direction of Project Manager.**

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