

Specifications

<u>S/ No</u>	<u>Description</u>	<u>Qty (Nos)</u>
01.	Material Handling Lift (Specification Attached at Page-2~3)	01

Specification Sheet for Material Handling Lift

Scope of Supply:

It includes supply of four columns/posts material handling lift operated by hydraulic/pneumatic cylinders. The supply should comprise of all necessary structure requirements for installation and operation of material handling lift. It should include all necessary control and safety devices. The lift will be installed inside of the building and mounted on the floor. The assembly and disassembly of material handling lift should be easy for installation and transportation purpose.

Sr. No.	Description	Requirement
1.	Quantity	01 No.
2.	Lifting Capacity	1000 Kg
3.	Lifting Height	12 ft (Adjustable)
4.	Lift Platform	6 ft (length) x 6 ft (width) max.
5.	On site space available for lift installation	8 ft (length) x 8 ft (width) max.
6.	Mode of operation	Hydraulic
7.	Material of Construction	Structure should be made of steel Platform should be made from checkered Aluminum sheet
8.	Number of stops	02
9.	Lift structure	Four column lift To be installed on ground Minimum height: on ground or 100 mm max. raised Enclosures to be provided.
10.	Lifting Speed	6-9 fpm
11.	Protection Class	All motors, control and safety devices should conform to EExd IICT4 IP-65 class.
12.	Power unit	Hydraulic power unit should be separated from main lift.
13.	Control System & safety devices	<ul style="list-style-type: none"> Control system is to be provided with machine for start/stop option. It should also include Emergency stop button & necessary safety devices. Operational panel is to be provided on each floor. The lift should be equipped with limit devices for safe operation. It should be equipped with safety devices to prevent free falling of lift in case of failure or leakage.

14.	Features	<ul style="list-style-type: none"> • Complies with ASME A17.1 safety standards • Safety to be provided to prevent free fall of lift • Reliable power system for lift operation • Gates and enclosures with interlocks • To be painted with powder coating finish
15.	Documentation	Complete set of machine drawings, instruction manual for operation and installation is to be provided.
16.	Inspection & Training	Free of cost Pre-shipment inspection and training of buyer is to be provided at manufacturer site. However buyer will bear expenses for air ticket and boarding & loading.
17.	Spares	Recommended spares for five (05) years service. Each spare item should be quoted separately in the bid.

Note:

1. Design/Drawings should be approved from user before manufacturing process.
2. All quotations should include all necessary drawings and technical information.
3. Technical specifications and manufacturer details of components are to be provided with quotation.