Supply, delivery, installation & commissioning of goods lift to mezzanine floor & removal of conveyor & work to make good mezzanine.

General Specification

Supply of goods lift to mezzanine floor with the following dimensions;

**Overall Dimensions**: 2800mm(w) x 3042mm(l). Additional 50mm (minimum) all round for installation if within a mezzanine void

**Platform Dimensions**: 2450mm(w) x 2450mm(l)

**Floor Height(s**): Up to maximum of 5.2m current figures based on 3000mm finished floor level

**Lifting Capacity (SWL**): 1500kg Uniformly Distributed Load (Goods lift only-no passengers) carrying 8 roll cages

**Maximum no.floors/lift stops**: Ground+1

**Gate Configurations**: Through Car

**Lift Car Sides**: 1100mm sides-ply lined

**Outer Gates**: 2100mm

Structural Build:Quality & Reliability

**Inner Gates & Lift Car**: 1100mm(h) sides and barn gates. Mechanical lock mechanism. Lift car & inner gates un-lined or ply-lined as standard

**Outer Gates**: 2100mm(h) clad in 10G 75mm x 10mm galvanised mesh. Electrical and mechanical interlocks. Key lockable

**Steel Footplates**: Anchor units into position-directly onto the warehouse floor, no specialist civil works required. M16 x 180mm through-bolts in each corner

**Lift Platform**: Steel box section frame with anti-slip flooring

**Access Ramp**: 2100mm(w) x 1000m(l) 6mm durbar plate, 70mm depth-for typical roll cages or manual hand pallet trucks

**Lift Shaft**: Superstructure clad in 10G 75mm x 10mm galvanised mesh

**Hydraulics**: Single hydraulic ram-mounted in overhead ram box, Safety valve fitted to ram and powerpack

**Rope Failure Devices**: 2 off-1 per lifting column

**Finish & Colour**: All steelwork prepared and paint finished. Lift superstructure, ram box, gates and columns Graphite Grey RAL 7024

**Safety Signage**: Hazard, warning, operational and safety signage

Power & Electrics

**Operator Controls**: Dispatch and receive system-call/send lift at each landing

**Power Requirements**: 415V;5.5Kw;DOL;16A type D motor rated circuit breaker. Power supply to be in the immediate vicinity of the lift installation

**Electrics:** IP65 rated

**Duty Cycle**: Lift speed 90mm/s

Additional work required;

Removal of existing conveyor to mezzanine floor and make good space/hole left by removal of conveyor

A site visit is recommended to assess the work required and provide an accurate quotation if ITT documents are requested in due course

Electrical works to be provided by Trust contractor