Tender specification:

All doors comply with the following standards and regulations:

Lift Directive 2014/33/EU
EN 81-20/50

Car doors, four-panel, telescopic, centre-opening, K4Z

Transom: designed as closed box construction with side walls for a high degree of stability and protection against falling dirt, made of zinc-magnesium coated plate for maximum corrosion resistance

Tracking rails: rolled from 3 or 4 mm sheet steel, subsequently galvanised; adapted to the roller and kicking roller geometry

Rollers: of two-component plastic, at least 65 mm diameter, with sealed ball bearings, designed for high durability with simultaneous low rolling noise

Kicking rollers: of plastic with eccentric bolt, are positioned positively on the tracking rails to ensure a smooth running of the door panels

Door panel/hanger connection: with the aid of eyebolts, thus door panels steplessly adjustable in terms of height and depth

Skate system: as moving expansion skate with third bracket for the actuation of the restrictor mechanism / zone locking required in accordance with EN 81-20;

Door panels: double-skin, made of zinc-magnesium coated plates, immediately ready for painting without any preparations

Drive: low-maintenance synchronous belt drive consisting of DC gear motor in IP 54 with Siemens AT 40 controller and corresponding transformer, three default operating profiles

Guide shoes: two independent guide shoes (each 100 mm long, 3 mm thick) with plastic sliders, which can be replaced without removing the door panels; every guide shoe each with two fastening screws and two set screws for being able to appropriately adjust the panels in the running direction; the guide shoes are directly fastened in the lower area of the door panel via screws with the door panel and the welded U-sheet channel

Sill: Aluminium profile sill with max. 7 mm wide grooves in order to prevent the ingress of grit, pebbles or others, which could result in door failures

<u>Toe guard:</u> 750 mm long, made of zinc-magnesium coated sheet steel, with the strength according to EN 81-20

<u>OPTIONS:</u>

<u>Track rollers:</u> High-performance rollers made of cast polyamide for installations subject to high traffic and extremely heavy loads, minimum diameter 65 mm

<u>Door panels:</u> visible side clad with stainless steel 1.4301 (AISI 304), 240 grit / leather pattern / linen pattern / rhombus pattern / special material

<u>Door panels:</u> powder-coated according to RAL ….

<u>Door panels:</u> as glass door panels framed on all sides, clad with stainless steel 1.4301 (AISI 304), on the front and back; glass flush-mounted with the frame to avoid injuries; base height selectable variable

<u>Door panels:</u> as full glass door panels, held at top and bottom by aluminium fittings clad with stainless steel; closing edge at least 20 mm thick

<u>FingerGuard System:</u> To prevent fingers and hands of children from getting caught at glass doors, landing doors are equipped with the "FingerGuard" system which consists of two components: Detectors at the door panels, braking circuit at the AT 40 door drive; this results in a recognition of fingers or other objects on the glass pane before drawing them in and causes an immediate stoppage of door movement

<u>Sill:</u> as aluminium solid sill for loads of up to 10 tons

<u>Sill:</u> as hidden track, the guides are installed 70 mm deep in the shaft, the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, anti-slip class: R ??

<u>Sill:</u> as hidden track, the guides are installed 70 mm deep in the shaft, the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, the cover plate is offset downwards in order to be able to bring an on-site floor directly up to the landing edge.

<u>Sill:</u> made of stainless steel 1.4301 (AISI 304), consisting of rolled profile on a base plate (2.0 mm thick), covered with a folded cover plate (3.0 mm thick), guide grooves cannot be seen when door panels are closed; wheel load 1.8 tons