

TAnnex 1 to the Technical specification

DESCRIPTIONS OF CONTAINER'S FOR INTERNAL LOGISTICS TECHNICAL PARAMETERS

No.	Technical requirement and its description when metal container is offered.	Description provided by the supplier, parameter values specified
1.	Description Containers will be used to transport postal parcels and bags with parcels between sorting equipment for sorting into containers in the primary sorting area, loading to the sorting equipment via tipper mechanisms and parcel storage.	
2.	Requirements of the container's:	
2.1.	External dimensions Length 1200 mm $\pm$ 10mm, width 800 mm $\pm$ 10 mm, height 1125 mm $\pm$ 25 mm (Including any additional container constructions, like holders, meant for stacking containers on top of each other.	<i>Length: 1200 mm Width: 810 mm Height: 1150 mm</i>
2.2.	Dynamic loading capacity Must be no less than 250kg.	<i>250 kg</i>
2.3.	Container construction Container frame is made of metal. Transverse reinforcements must be installed if necessary. All welds on the product must be polished, rounded and conform to work safety requirements. Bolts and nuts used for bolted connections must be protected against corrosion. Screw diameter min. 8mm. The bolt thread must not stick out of the nut. The locking nuts must be with locking. Container top must be open throughout with the area of the container bottom. No additional constructions can reduce the containers open section area. The container must be foldable. The folded containers must have the ability to be stored by stacking one on top of another. Two fully loaded containers must be able to stack on top of each other.	<i>-Base frame made of tube 40x40x2 mm Sides made of wire mesh 50x50 mm, wire Ø 3,80 mm Short sides equipped with 2 strengthen wires Ø 7,80 mm -Welds of the base made with TIG Robots Welds of the sides made with automatic welding lines; -Screws: TTQST M8x25 -Nuts: M8 Self-locking -Bolts: Ø 8 mm -The container is foldable. -The container can be stacked on top of each other both open and folded, using an electric forklift.</i>
2.4.	Container mesh The walls are made of welded mesh. The size of the mesh shall be not smaller than 30 x 30 mm. but not larger than 50 x 50mm. Diameter of mesh wire from 3,8 mm to 5,2 mm.	<i>Size of the container net: 50x50 mm Diameter of the wire: Ø 3,80 mm and 7,80 mm</i>
2.5.	Container doors Container must have two functional doors on the wide container walls for removing of lighter parcels. Door must have hinges and a fixture, so that during transporting and	<i>-The container has 2 half opening hinged doors equipped with latches in the wide walls.</i>

		tipping with the tipper mechanism it stays closed and the parcels don't pour out.	- <i>The doors have a lock that prevents the door from opening automatically during tipping.</i>
2.6.	Container floor panel (bottom)	The bottom of the container is made of a moisture-resistant plywood panel, or material with the same or better characteristics. Panel thickness must be not less than 12mm. The bottom must withstand a load of at least 250 kg. Transverse reinforcements of the bottom must be installed if necessary. The bottom panel must be fastened with at least M5 bolts, and nuts with locking. The screw head must be inserted into the panel.	<i>The bottom of the container is made of birch plywood, covered with a surface layer.</i> <i>• the thickness of the floor panel is 12 mm.</i> <i>• The dynamic load on the bottom is 250 Kg.</i> <i>• The Panel will be fastened with M5 bolts and nuts with locking.</i>
2.7.	Container wheels	4 units total installed on the container bottom at the midpoints of the edges in the shape of a rhombus. On the short sides wheels must have breaks and be able to rotate 360 ° about its axis on the bearings. On the longer sides wheels must be fixed with bearings. The wheels and brake locking mechanisms must not stick out of the dimensions of the container. Container wheels must conform to these parameters: • Diameter: 125 mm. • Wheel centre: Aluminium. • Wheel tread: Polyurethane, brown, 92° Shore A. • Bearing: Double Ball bearing • Thread guard: small plastic thread guard. • Hub width: 50 mm • Axle diameter: M8 • Temperature range: -20°C - +60°C (if the suggested values are wider but fall within the required range, the Goods are considered suitable) • Dynamic loading: not less than 300 kg. Wheels must be able withstand the weight of two fully loaded containers stacked on top of each other.	<i>The wheels are 2 fixed and 2 swivel with brake Ø 125 mm with tread in Polyurethane and wheels centre in aluminium.</i> <i>• The locking mechanism is a pedal brake;</i> <i>• The diameter of the wheel is Ø 125 mm;</i> <i>• The running gear is covered with abrasion resistant material.</i> <i>The wheels are cross-mounted in the center of each side and perpendicular to the short side of the container.</i> <i>The wheels bear the weight of two fully loaded containers stacked on top of each other.</i>

2.8.	Paper tag holder	A metal tag holder must be affixed to the narrow wall of the container, at the top, for the insertion of a paper Tag. The tag format - A5 (size 210 x H148 mm.).	<i>The metal plate has size mm 210x148 H.</i>
2.9.	Container coating	Metal parts of containers must be galvanised.	<i>The containers are bright electro galvanized and the zinc thickness is in accordance with the standard given.</i>