**Technical requirements for highly maneuverable platforms**

**1.Purpose:**

Two platforms are designed to move transformer tanks from the site

welding to the powder coating site and one platform for moving transformer tanks from the powder coating site to the warehouse.

**2. Initial data:**

2.1. Two platforms 3000mm long, 2500mm wide, 500mm high,

with a load capacity of at least 2000kg.

2.2. One platform 5000mm long, 2500mm wide, 500mm high with a load capacity of at least 5000kg.

**3.Equipment Characteristics:**

3.1. The flooring is metal, with the possibility of removing the upper sheets for access to nodes and

assemblies.

3.2. The execution is general industrial.

3.3.The presence of a light and sound alarm.

3.4.The presence of collision sensors.

3.5.Lithium-ion battery, which ensures continuous operation of the platform for at least 8 hours.

3.6. The delivery package must include:

3.6.1. One replaceable set of lithium-ion batteries for platforms according to clause 2.1 and one replaceable set of lithium-ion batteries for platforms according to clause 2.2.

3.6.2. Device for installing and removing batteries to platforms, including a trolley for transporting batteries to the charging area.

3.7.The presence of an external battery charger, as well as the ability to charge batteries without removing them from the platform.

3.8.The presence of emergency stop buttons on the platforms on each side or in the corners.

3.9. The speed of movement of the platforms: 0...25 m/min

. 3.10.The platform must move in all directions at any angle and

swing in place.

3.11. The presence of a radio control panel.

3.12.Operating temperature of the platform with dimensions 3000x2500x700 mm – from +5 ° C to

+40°C, platforms with dimensions of 5000x2500x500 mm – from -10°C to +40°C.

3.13 The presence of built-in protection of the electrical system of the platform: from overvoltage, undervoltage, overload.

**4.Additional information:**

4.1. Working hours - three shifts, 8 hours each.

4.2.The number of working days per year is 253