

## SPECIFICATION

### Forklift

## 1. Scope

This specification describes the requirements for one forklift (the Vehicle) with a seated cabin for lifting loads of radioactive packages up to 5 tons. The Vehicle will be used by the IZOTOP Company, Ukraine (“The End-User”). The Vehicle shall be designed in compliance with Ukrainian national safety regulations.

## 2. Requirements

### 2.1. Functional and Performance Requirements

The Vehicle shall meet the following functional and performance requirements:

- 2.1.1. The Vehicle shall be new (not pre-owned) and fore fill Ukraine’s safety regulations (e.g.: seat belt, etc.) as well as the availability of a local service providers with spare parts stocks and maintenance services.
- 2.1.2. The Vehicle shall have the capability to move on streets and limited unimproved surfaced roads. The engine layout, tires, heating and cooling systems shall be according to the climate conditions of Ukraine to guaranty the mobility of the Vehicle and to provide pleasant temperature in the driver compartment, independently on the season, weather conditions and location. The climatic operating temperatures for the Vehicle and equipment shall cover a temperature range from minus 25° C to plus 40° Celsius.

### 2.2. Technical Requirements

The Vehicle shall meet the following technical requirements:

#### 2.2.1. Core components:

- a) Type: Forklift;
- b) Maximum lifting loads: 5,000 kg;
- c) Lift Height : 300 cm;
- d) Load Centre Distance: 600 mm;
- e) Fork Carriage ISO 2328, Class / Type A, B: III/A
- f) Engine power:  $\geq 50$  KW while complying with European Stage V environmental regulations;
- g) Type of fuel: diesel powered
- h) Gear box: automatic.

#### 2.2.2. Tyres:

- a) Pneumatic.
- 2.2.3. Driveline equipment:
  - a) Transmission: 2 X 2.
- 2.2.4. Cab exterior:
  - a) 1 door;
  - b) Front lights.
- 2.2.5. Driver cabin requirements:
  - a) Climate control;
  - b) Machine position warning
  - c) Anti-theft system

### 3. Delivery

The shipment to the End-User's premises could be organized by the Contractor. The Contractor should submit as part of the financial proposal a separate line for the DAP delivery of the goods to Kiev, Ukraine. If not, the Contractor shall submit as part of the financial proposal a separate line for the FCA supplier's warehouse delivery.

### 4. Quality Requirements

- a) The Vehicle shall be manufactured, shipped and installed in accordance with the Contractor's (manufacturer's) ISO quality assurance system or an equivalent quality assurance system;
- b) The Contractor shall document the compliance with this quality assurance system.

### 5. Testing and Acceptance

The Vehicle, prior to shipment, shall be tested for conformance of the Vehicle with manufacturer's performance specifications and the minimum requirements specified herein.

The results of the testing of the Vehicle shall be documented by the Contractor in an acceptance protocol that shall be signed by the representative of the End-User.

### 6. Deliverable Data Items

The Contractor shall provide two complete sets of operation and servicing manuals and technical drawings in Ukrainian language.