

# Clarifications #1

**Reference:** RFQ 640379-AM

**Date:** 2024-05-21

**SUBJECT: 147800 - Mobile protective shielding (UKR9042)**

## Question #1:

(a) *"2.1.5 The shielding thickness shall be of at least 10 cm pure lead (Pb) (99,94% as per ASTM B-29). (10 cm of lead equivalent is required to achieve the attenuation factor for Cs-137  $k = 100,000$ )."*

*In terms of thickness, we think that 10 cm may be a mistake and rather this should read 10mm, please confirm.*

(b) *For Specification 2.1.5, it is required that the shielding thickness shall be of at least 10 cm pure lead (Pb)(10 cm of lead equivalent). This thickness of lead would make the Mobile Protective Shielding very heavy. Please kindly confirm if this data is correct or if there is any discrepancy.*

## Answer #1:

10 cm thickness is required as per the Specifications.

## Question #2:

*For Specification 2.1.6 - It is required that the thickness of the shielding window shall be at least of 3 mm lead (Pb). Please confirm if this refers to a shielding window with a lead equivalent thickness of 3mm, as it significantly differs from the shielding thickness of 10cm lead equivalent. Please kindly confirm if this data is correct or if there is any discrepancy.*

## Answer #2:

The shielding window (lead window) shall have a lead equivalent thickness of 3mm, as per the Specifications.