

## Clarifications #1

**Reference:** RFQ 614577-AM

**Date:** 2023-02-24

**SUBJECT: 111863 - Well-Logging Gamma-Radiation Spectrometry Measurement Set (UKR9040)**

*Question #1:*

*They ask for a portable instrument with embedded GM counter and MCA. Do they really need the GM?*

**Answer #1:**

This was based on the end-user's request for the specific application at the site. If an equipment with similar functionalities but without a GM counter is offered, the End-User will have to be consulted.

*Question #2:*

*Is this a device to be employed for investigation in wells only (like it seems from par. 1.3), or a multi-purpose device, for 360° applications (like it seems looking at all the accessories listed in par. 2.2)?*

**Answer #2:**

The main scope is to perform investigations in boreholes executed in surface locations where radioactive waste with higher activities are stored.

*Question #3:*

*Why do they want CZT? Isn't it enough to use CsI(Tl) crystals? Maybe there's a reason for that, but I can't get it from the technical specifications.*

**Answer #3:**

It was requested due to the fact that these are efficient for the volumes where high dose rates are expected (work at room temperature and their resolution is considered proper for the scope of work).