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IPA Hungary - Serbia

CONTRACTING AUTHORITY'S CLARIFICATIONS No. 1

Contract title: **Supply of laboratory equipment for the project MICROPLASTICS**
Publication Ref: **HUSRB/23R/12/089-2/laboratory equipment**

Lot no. 1 – Manta, ultrasonic bath, Microwave digestion system and consumables and/or

Lot no. 2 - FTIR-ATR microscope and/or

Lot no. 3 – Laboratory fridge, Evaporation system and Automated SPE System

No.	Question	Answer
1.	Lot no. 1 - Can you please exclude item 6 from Lot no. 1? This item is something that make sense to be in lot no. 3, with all other instruments that are already in lot no. 3. Lot no. 1 is more dedicated to sampling workflow, and Microwave digestion is something more related to sample preparation as other instruments from Lot no. 3. Also is it acceptable to offer Microwave digestion system with temperature control Range: 60°C - 330°C ?	Lot no. 1 Tender must offer all items including item 6 as it is requested within Lot no. 1. All listed items must have minimum technical characteristics as it required. Microwave digestion system must be offered within Lot no. 1. It is acceptable that the offered device has better characteristics than requested. Microwave digestion system must be able to provide temperature control range up to 400°C because some materials must be stored with that temperature range.
2	Lot no. 2 Is it acceptable to offer the instrument who is controlled with two different software's that are in synergy, and giving finally no problems with analysing results and reporting?	Lot no. 2 Tenderer must offer characteristics of software as it is required in technical specification. It must be appropriate for routine analysis and reporting.
3	Lot no. 3 Technical specification for laboratory fridge is incorrect, so can you please correct it with the right specification for it.	Lot no. 3 Technical specification will be changed. Corrected technical specification of the item laboratory fridge is stated in document ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER
4	Lot no. 2 The microscope must include a MCT detector covering the range 7000-570 cm^{-1} Since each manufacturer of equipment subject to public procurement proves the required conditions with different detectors whether it is acceptable to offer the device with more environmentally friendly materials: T2SL detectors use less toxic materials	Lot no. 2 Microscope must include detector covering the range 7000-570 cm^{-1} Tenderer can offer detector with more environmentally friendly materials.

	compared to MCT detectors, which contain mercury and cadmium. Since T2SL detectors are based on safer semiconductors, they represent a more environmentally friendly option, with a lower environmental impact during production and recycling.	
5	Lot no. 2 An interfetometer without need of dynamic alignment correction will be preferred Since each manufacturer of equipment subject to public procurement proves the required conditions with different conditions whether it is acceptable to offer the device with advanced dynamic alignment because it enables continuous correction of errors during operation, compensating changes in the system such as vibrations, temperature fluctuations and displacements. This ensures greater precision and stability, reducing the need for manual interventions and improving system performance over time. Without dynamic alignment, alignment errors can accumulate, which can reduce accuracy and efficiency.	Lot no. 2 It is acceptable to offer device with advanced dynamic alignment
6	Lot no. 2 The microscope must be upgradable to multipixel detector Since each manufacturer of equipment that is the subject of public procurement proves the required conditions in different ways, is it acceptable to offer a device that instead of a multipixel detector offers a "mapping software" software upgrade. The Mapping software allows one to map absorption information on a sample surface as a function of position.	Lot no. 2 The microscope must be upgradable to multipixel detector Device must have characteristics as it is required including multipixel detector.