



EUROPEAN UNION

Delegation of the European Union to Bosnia and Herzegovina

Sarajevo,

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**Clarification No 1**

**Supply of equipment for Microbiology Laboratories in  
Bosnia-and-Herzegovina (re-launch)  
Tender No: EC/BiH/09/040; EuropeAid/128732/C/SUP/BA**

**Question 1: Lot 2, Item 2.01 Class II Type B2 Biological Safety Cabinet with support stands**

It is written that you require a class II, Type B2 biological safety cabinet. This type of cabinets are ducted to the outside ventilation and the inlet/outlet airflow is therefore the same. However you specified different inlet/outlet airflow, which is consistent with type A2 cabinets.

Can we therefore offer an class II, type A2 biological safety cabinet?

**Answer 1:**

Please read this requirement as follows: Inlet airflow is minimum 0,53 m/s and downflow is 0,33 m/s  
Regarding the type of the biological safety cabinet, requirements specified in the Technical Specifications must be respected and a class II Type B2 biological safety cabinet must be offered.

**Question 2: Lot 2, Item 2.01 Class II Type B2 Biological Safety Cabinet with support stands**

For HEPA and ULPA filter, could you please clarify us which is the exhaust filter and which is the main filter?

**Answer 2:**

HEPA filter is the exhaust filter and ULPA filter is downflow filter.

**Question 3: Lot 2, Item 2.01 Class II Type B2 Biological Safety Cabinet with support stands**

Could you please clarify to us if the exhaust fans are internal or external?

**Answer 3:**

The exhaust fan is external.

**Question 4: Lot 2, Item 2.04 Ultra low Temperature freezer**

Can we offer a freezer with silent operation up to 58 dBs?

**Answer 4:**

No, as specified in the Technical Specifications for Item No.2.04, the requirement is "Silent operation between 40-50 dBs".

**Question 5: Lot 2, Item 2.06 Refrigerated Floorstanding Centrifuge**

Among Specifications required you stated Speed range of approx 300-18000 rpm.  
Please state if 15000 RPM is also acceptable for intended use.

**Answer 5:**

Yes, 15000 RPM is compliant with this requirement since the required speed range defined in the technical specification is approx. 300- 18000 rpm.

**Question 4: Lot 2, Item 2.16 ELISA Analyser – Modular**

Can we offer a plate reader with reading time with two filters +/-8s?

Can we offer a plate reader with integrated incubator (for one plate), or do you require a separate incubator for multiple plates?

Can we offer a washer that is capable of washing up to 1000 ul?

**Answer 6:**

A plate reader with reading time with two filters **has to be 8 seconds or less but must not exceed 8 seconds.**

A separate incubator for multiple plates is required.

No, as specified in the Technical Specifications for Item No.2.16, the requirement is " Washer: 8 channel with built in washing and dispensing pumps working in increments of 50µl; **Washing up to 3000 µl (approx) and dispensing up to 400 µl.**".

**Question 7: Lot 2 item 2.10 Densitometer**

We contacted several specialists but it is not clear for us what kind of densitometer you are looking for. There are different densitometers: bone densitometer, densitometers for in the graphic industry and densitometer for measuring turbidity of cell suspensions. Could you please provide us with more information?

**Answer 7:**

The densitometer should measure turbidity of cell suspensions.

**Question 8: Lot 2, Item 2.21 Laboratory Glassware washing machine**

There are several machines that can correspond with the description. In order to meet your requirements we need to know the dimensions and chamber volume requested?

**Answer 8:**

H850 (with lid); W900 X D700(inner dimension 600)mm. The specified dimensions may vary up to +/- 10%)

**Question 9: Lot 2, Item 2.21 Laboratory Glassware washing machine**

What are the approximate Dimensions off the machine?

**Answer 9:**

Please refer to the Answer 8.

**Question 10: Lot 2, Item 2.11 Deionizer**

Do you mean only Deionizer or complete water preparation consist off reverse-osmotic, mixed and MBL sterile filter?

**Answer 10:**

Complete water preparation consist of revers-osmotic, mixed and with MBL sterile filter is required.

**Question 11: Lot 3 Supply of Electro-Security and Electrical Equipment, Item 3.01 Electro Security System**

What is ISM? What is its function in this system? What does ISM server do? What is the difference between ISM door conroller and door controller without ISM?

**Answer 11:**

The ISM means Integrated management System. The server is part of this system. The technical specification of the system and the server provides all relevant information and the door controller is a part of integrated management system.

**Question 12: Lot 3, Item 3.04 Mountable fluorescent lamp (S1) for laboratories bio- safety level 3**

What will mountable fluorescent lamp to be used for? If it is going to be used for laminar flow cabinet, what is the brand-model name of it? So that we can offer a suitable lamp based on given brand name.

**Answer 12:**

The mountable fluorescent lamp will be used for illumination of the laboratory.

**Question 13: Lot 3 Supply of Electro-Security and Electrical Equipment, Item 3.05 UPS**

According to our market reserach, technical specifications address brand AETON which is U.S.A. originated product. Since there is rule of origin, we kindly request derogation for this item or crucial change in technical specifications.

**Answer 13:**

The Contracting Authority confirms the Technical Specifications for the Item 3.05 UPS provided in the Tender Dossier. Our research has confirmed that equipment originating in IPA eligible country is available.