



Third series of responses to clarification questions from potential bidders on the international invitation to tender (ITT) for the supply and installation of laboratory equipment, reagents and consumables for national and regional reference laboratories in five ECOWAS countries (Ghana, Guinea Conakry, Guinea Bissau, Senegal and The Gambia), in 4 lots No. ICB/PROALAB-WAHO/2024/003.

Question 1

About: **item L3.7** **“Angular, sample beaker”**

I noticed that specification 2.7 "IQ/OQ/PQ" is listed. This terminology is typically associated with qualification processes for complex equipment and systems, such as laboratory instruments or software, rather than for basic laboratory consumables like beakers.

Could you please clarify if this requirement is indeed applicable to the angular sample beaker? If not, I would appreciate it if this specification could be removed or revised to better align with the product's nature.

Response 1

Point 2.7 of the specifications for item L3.7 mentioned: IQ/OQ/PQ is deleted.

Question 2:

About: **item L3.9** **“Automatic voltage stabilizer, 50KVA”**

I have identified a few areas where clarification is necessary to ensure the product aligns with your requirements:

Three-Phase Input and Output Configuration:

*The specifications mention **230V +/- 250% & 400V +/- 250%** for the input voltage. Given that the output voltage is specified as **380V AC**, it seems the stabilizer is intended to be a three-phase system.*

Could you please confirm that both the input and output should indeed be three-phase?

*Additionally, if the stabilizer must operate as a three-phase system, should the input voltage exclusively be **400V** rather than the option for **230V**?*

*The **250% variance** is quite broad and uncommon in the industry. Could you confirm if a more typical range (such as +/- 25% for example) would be acceptable for this application? This adjustment would help in providing a more reliable and readily available product.*

Response Time Clarification:

*The response time is listed as **Ts < 100**. Could you please confirm whether this is in milliseconds (ms) or another unit?*

Operating Temperature Range:

*The current specified operating environment is **-25°C to +40°C**. While robust, this range is unusual for many voltage stabilizers. Would a range of **-15°C to +40°C** be acceptable? This adjustment could enable us to offer a product that meets all other critical specifications more effectively, particularly with the changes to the input and output configuration mentioned above.*

Addressing these points will help us align our offering with your specifications and ensure that the proposed solution is both practical and reliable.



Response 2

Yes, it's 3 phases,

- Both the input and output current should be three-phase
- The current input range between 230V and 400V must be three-phase

The variance is +/-25% instead of 250%.

Point 2.5 of the specifications of article L3.9 "Automatic voltage stabilizer" $T_s < 100$ ms the value is expressed in milliseconds (ms).

the range from -15°C to +40°C is acceptable

Question 3:

About: **item L3.20 "Blendor waring knife grinder"**

After contacting the manufacturer directly, they have confirmed that no single Waring model meets all of the specified requirements listed in the tender document. We would be able to offer one from the same brand that has a capacity of approximately 1.42L (exceeding the requirement of 1l), with 2 speeds, a 60-second countdown timer and with a maximum of 24,000 RPM. Please confirm if this model would be acceptable.

Otherwise could you please review the specifications once more and advise us on how to proceed?

Response 3

Yes it's acceptable

Question 4:

About: **item L3.25 "Box, infectious sample transport UN 3373"**

AND item L3.26 "Box, infectious sample transport UN 3374"

I am seeking clarification regarding the specifications for the transport boxes listed in the tender document. Specifically, there seems to be a potential issue with the specifications for the following items:

L3.25: Transport Box for UN 3373

L3.26: Transport Box for UN 3374

The specifications provided for both items appear identical. However, UN 3374 relates to acetylene solvent (gas) and typically requires different transportation conditions compared to UN 3373, which is used for infectious samples.

Could you please confirm if there was an error in copying the specifications from UN 3373 to UN 3374?

Alternatively, is it acceptable to use the same transport box for both L3.25 "UN 3373" and L3.26 "UN 3374"?

Your clarification on this matter would be greatly appreciated.

Response 4

PLEASE, DELETE ITEM L3.26

Question 5:

About: **item L3.29 "Bunsen burner"**

The tender document specifies that the Bunsen burner should work with either butane or propane gas.



We would like to confirm whether it would be acceptable to offer a Bunsen burner that operates on LPG (liquefied petroleum gas), which is a mixture of propane and butane. The LPG-powered burner should perform similarly to those powered by pure butane or propane as it meets all the other specifications.

Could you please confirm if this substitution meets the tender requirements?

Response 5

Yes, we confirm that this substitution meets the requirements.

Question 6:

About: **item L3.28**

“Bunsen burner, portable”

I am writing to inform you that the product specified in the tender document:

L3.28 Bunsen burner, portable which clearly refers to product Flameboy by Integra BIOSCIENCE has been confirmed as discontinued by the supplier. We have received a formal letter from the supplier verifying that the product is no longer available and detailing the effective date of discontinuation. In light of this, could you please advise on the following:

Alternative product: *Are there any acceptable alternatives or replacements that we can propose to meet the tender requirements in place of the discontinued product? If that's the case please provide new specifications.*

Response 6

Following our research, we note that the product no longer exists and we offer you the new specifications below:

Bunsen burner, portable

- Portable Instant Ignition
- For use with butane
- Refillable butane gas
- Flame length can be adjust
- Dual use locking system that will either lock the flame on for longer jobs or function as a safety lock
- Max Flame Temp (Blue): 1300°C

Question 7:

About: **item L3.52**

“Cylindrical inconel, 15ml”

We are currently reviewing the specifications for L3.52 "Cylindrical Inconel, 15ml for laboratory" with the following technical details:

Superior diameter: 40 mm

Inferior diameter: 29 mm

Height: 25 mm

We understand that the material must be Inconel 601. However, we would like to inquire about the importance of the dimensional specifications (superior diameter, inferior diameter, and height).

Would it be acceptable if we propose an alternative with slightly different dimensions that are close to those listed, while still maintaining the overall integrity and functionality required for this product?



Response 7

For this item L3.52 “Inconel cylindrical, 15ml for laboratory: the volume of 15 ml is important but the other aspects of dimensions can be approximately different.

Question 8:

About: **item L3.53** **“Cylindrical inconel, 25ml”**

We are currently reviewing the specifications for the product L3.53 "Cylindrical Inconel, 15ml for laboratory" with the following technical details:

Superior diameter: 45 mm

Inferior diameter: 34 mm

Height: 28 mm

We understand that the material must be Inconel 601. However, we would like to inquire about the importance of the dimensional specifications (superior diameter, inferior diameter, and height).

Would it be acceptable to propose an alternative with slightly different dimensions that are close to those listed, while still maintaining the overall integrity and functionality required for this product?

Response 8

For this item L3.53 "Cylindrical Inconel, 25ml for laboratory": the volume of 25 ml is important but the other aspects of dimensions can be approximately different.

Question 9:

About: **item L3.57** **“Densitometer, U-shaped vibrating tube”**

We have been reviewing the specifications for L3.57 Densitometer, U-shaped vibrating tube, as outlined in the tender document. However, we have identified some inconsistencies in the specifications (more specifically in 2.6 and 2.7) related to repeatability and accuracy.

The specifications seem to refer to different models (40, 40SC, 40SCH, 80H, and 80SCH), each with varying levels of repeatability and accuracy. To ensure we meet your requirements accurately, could you please review the specifications to confirm the intended model?

Response 9

Point 2.6 and point 2.7 in item L3.57 are modified as follows:

2.6 Repeatability: 0.00002 g/cm³

2.7 Accuracy: 0.0001 gr/cm³ and 0.03 °C

Question 10:

About: **item L3.62** **“Disc dispenser for 120mm diameter plates, for Himedia disc”**

After consulting with the manufacturer regarding the 120mm disc dispenser specified in the tender, it has been confirmed that this item is no longer available and has been discontinued. Despite thorough inquiries, no distributors currently carry this kind of product.

Given that the 120mm version is specifically requested in the tender, we would like to request guidance on how to proceed.



Response 10

Item L3.62 “Disc dispenser for 120 mm diameter plates, for Himedia discs” is no longer available and has been deleted.

Question 11:

About: **item L3.68**

“Dry block calibrator with insert and reference probe”

We have identified that the listed specifications appear to be a mix of features from two different FLUKE models. After consulting with the manufacturer, it has been confirmed that there is no single FLUKE product that encompasses all the specified features in one unit.

Given this, we kindly request that you review this item in the tender to ensure that the specifications align with an available product. This will help us provide an accurate and compliant proposal.

We appreciate your attention to this matter and look forward to your guidance on how to proceed.

Response 11

Please consider the new specifications:

Dry block calibrator with insert and reference probe

- Temperature range at 23 °C: -25 °C to 140 °C
- Display accuracy: ± 0.25 °C
- Full range stability: ± 0.02 °C at 25°C; ± 0.04 °C at 140°C
- Immersion depth: ~ 125 mm
- Display: LCD, °C or °F, user-selectable
- Key pad: ten key with decimal and +/- button
- Function keys, menu key, and °C / °F key
- Cooling time approx.: 20 min from ambient to 25 °C
- Heating time approx.: 18 min from ambient to 140 °C
- Power requirements: 220 - 240 VAC
- Computer interface: RS-232
- Calibration: NIST-traceable calibration

Question 12:

About: **item L3.91 “Glass pycnometer, 100ml”**

AND item L3.92 “Glass pycnometer, 10ml”

AND item L3.93 “Glass pycnometer, 25ml”

AND item L3.94 “Glass pycnometer, 50ml”

I am writing to seek clarification regarding the acceptance of non-mercury variants of pycnometers in the context of the tender specifications outlined in L3.91 to L3.94.

We have encountered a situation where a pycnometer variant that adheres to all the specifications required for this tender but is free of mercury. This non-mercury variant has been developed to comply with current environmental regulations and safety standards, including restrictions on hazardous materials.



We understand that mercury-containing picnometers are now restricted and are no longer permitted for import into the European Union due to their hazardous nature. Our non-mercury picnometer variant aligns with these regulations, offering a safer alternative without compromising the technical performance or accuracy required for the tender.

Given these circumstances, we request confirmation on the following:

Acceptance of Non-Mercury Variant: *Is it acceptable to consider and approve a non-mercury picnometer that meets all the technical requirements specified in L3.91 to L3.94, despite the absence of mercury?*

Response 12

Yes it's acceptable

Question 13:

About: **item L3.109 “Hydrometer 3 scales”**

We have some requests for clarification regarding product L3.109: The specification mentions a temperature range of -10° to 70° "smoked." Could you provide clarification on what "smoked" means in this context? Could you provide details on the purpose and application of the three different scales on this hydrometer? Is the reference temperature of 15.6 °C correctly specified in the tender? Is this hydrometer model currently available for purchase? because we have encountered difficulties in locating this specific product and would appreciate information on its availability.

Response 13

it's about hydrometer Baume

Temperature reference: approximately 15° C

Yes, it's available for purchase

Question 14:

About: **item L3.110 “Hydrometer, 0-10%”**

AND item L3.111 “Hydrometer, 10-20%”

AND item L3.113 “Hydrometer, 20-30%”

AND item L3.114 “Hydrometer, 30-40%”

AND item L3.115 “Hydrometer, 40-50%”

AND item L3.116 “Hydrometer, 50-60%”

AND item L3.117 “Hydrometer, 60-70%”

I'm writing to request clarification regarding the hydrometers specified in the tender documents. The documents mentions percentage ranges (e.g., 10-20%, 20-30%), but it's unclear whether these percentages refer to alcohol, Brix, Baume, API, or another measurement type.

To ensure we propose the correct products, could you please confirm which type of percentage is required? On top of that can you confirm if those specific hydrometers are still in production and available for purchase?

Response 14

Ethanol



We confirm the percentage ranges per item
Yes, these items are available for purchase

Question 15:

About: **item L3.119 “Ice makers for laboratory”**

Specification 2.5 in the tender document mentions the provision of ice in the following forms: flake, crushed, chip. To ensure that our submission fully complies with the tender requirements, we kindly request clarification on the following points:

Is it acceptable if we offer an ice maker that meets all the other specifications but solely produces flake ice? Please confirm.

We appreciate your assistance in clarifying this point to ensure our tender submission is accurate and meets your requirements.

Thank you for your attention to this matter.

Response 15

Yes it's acceptable

Question 16:

About: **item L3.121 “Immersion cooler”**

We are reviewing the specifications for the Immersion Cooler, which is listed as having a temperature range of -40 to -100°C. To ensure accuracy, we kindly request that you verify and confirm the correct temperature range. The possibilities we would like you to check are:

- **-40 to -100°C**
- **-40 to 100°C**
- **40 to -100°C**
- **-45 to 100°C**

Please confirm the correct temperature range for this product.

Response 16

Temperature range is confirmed -40 to -100°C

Question 17:

About: **item L3.134 Liquid sampler, 300ml**

We seek clarification regarding the specifications for item L3.134. Specifically specification 2.1 and 2.5. We would appreciate your guidance on the following points:

Material Preference: *The product in question is available in both Teflon and Polypropylene versions. Could you please confirm whether you want 5 units of each.*

Capacity Specification: *The tender specifies a required capacity of 300 ml. However, the latest model of the product now has a maximum capacity of 250 ml. Would this reduced capacity be acceptable in place of the originally specified 300 ml?*

Your clarification on these points will help ensure that our submission meets the tender requirements accurately.



Response 17

Related to: item L3.134 Liquid sampler, 300ml

We are in need of :

Teflon material in quantity 2 and
polypropylene material in quantity 2.

Of the 300ml capacity requested, we also accept the latest 250ml model.

Question 18:

About: **item L3.147 “Media-lab bottles, 1000 mL”**

AND item L3.148 “Media-lab bottles, 2000 mL”

AND item L3.149 “Media-lab bottles, 250 mL”

AND item L3.150 “Media-lab bottles, 500 mL”

We would like to seek clarification regarding the material specification for the cap mentioned in the tender documents. Our proposed cap is made from thermoplastic polyester rather than polypropylene.

Could you please confirm if thermoplastic polyester is an acceptable alternative for this application?

Response 18

Yes it's acceptable

Question 19:

About: **item L3.173 “Pre-treatment cartridge”**

We have identified that the specified model "ACF0827" has been discontinued. We can offer a pre-treatment cartridge that meets all the other specifications.

Could you please confirm if this alternative is acceptable?

Response 19

Yes, any other model meeting the technical specifications is acceptable.

Question 20:

About: **item L3.184 “Resin for water softener”**

We have encountered a specification (2.2) that requires clarification. The tender document specifies a concentration of 2.0 meg/ml. However, upon review, we have found that this unit of measure (meg/ml) does not exist in standard practice.

To accurately reflect the intended specification, we propose that the correct unit should be 2.0 eq/l.

Could you please confirm if this change from 2.0 meg/ml to 2.0 meq/ml is acceptable.

We believe this adjustment is necessary to meet the standard measurements used in the industry and to ensure that our proposal complies with the expected criteria.

Response 20

In point 2.2 of item L3.184 “Resin for water softeners”, the correct unit is 2.0 meq/ ml.



WEST AFRICAN HEALTH ORGANIZATION
ORGANISATION OUEST AFRICAINE DE LA SANTE
ORGANIZAÇÃO OESTE AFRICANA DA SAÚDE

Question 21:

About: **item L3.185 “Rolled Pt100 sensors”**

Several potential suppliers have encountered similar remarks about these specifications, and without clarification, they are unable to submit accurate offers.

Cable Configuration: The specification mentions 2 x 4 wire, which appears contradictory to the 6-core Teflon cable described. Could you please confirm if you intended to specify 2 x 3 wire cables instead?

Connector Type: Pt100 sensors are generally compatible with various standard connectors. The specified PT100-2 connection is quite broad and could imply multiple options. Could you specify the exact connector type preferred?

Wiring Configuration: We understand that the wiring configuration can be finalized upon order placement. For now, is there any preliminary information or preference we should consider?

Double PT100 Sensor: Is a double PT100 sensor required, or is a single PT100 sensor sufficient for the application?

What will be the application?

Regarding the resolution specification, do you require a device that also displays the measured temperature? And we received also a remark from one of the potential supplier saying “a Classe B sensor has a temperature deviation of max. $\pm 0,3C$ (while 0,010C is mentioned/requested here)”.

We seek clarification for all of the above mentioned to meet all the requirements for this item.

Response 21

Please refer to answer 39

Question 22:

About: **item L3.189 “Sampling shovel with bag”**

Is a sterile LDPE bag acceptable instead of the requested sterile PP bag?

Response 22

Yes it's acceptable

Question 23:

About: **item L3.190 “Set of flat screwdrivers”**

Could you please clarify what "A (mm)" refers to and what the sizes denote? Additionally, a supplier has raised a concern that this might refer to a socket tool set rather than a flat screwdriver set.

Please confirm if the product is indeed a flat screwdriver set. If so, could you provide any further details or confirmation that the requested product is still available?

The reference to sizes in one part of the specification and "mm" in another is causing some confusion. Could you please revise this item and clarify the above?

Thank you for your assistance.

Response 23

It is mm equals millimeter,



Size from 6 to 24

Yes, we confirm

Question 24:

About: **item L3.193 “Smoke detector”**

We have a few questions that need clarification to ensure accurate installation and compatibility of the smoke detector:

Attachment Location: Where will the smoke detector be attached? Please provide details.

Fire Control Panel: What type of fire control panel is required or currently installed that the detector will interface with?

Voltage Range: The specification lists the voltage range as "8.6 Vdc to 30 Vdc." Could you please confirm that this specification is correct?

Type of fire detection system: Should we provide standalone smoke detectors that connect to an existing system (e.g., intrusion or PLC system), or is a full fire detection system required?

Could you please confirm whether both IP 41C and IK07 are required, or if only one of the two will be acceptable?

Response 24

A self-contained smoke detector for ceiling mounting

No fire control panel installed yet

Usual voltage normal range is sufficient

Standalons smoke detector is sufficient

Yes, both indices IP 41C and IK07 are required

Question 25:

About: **item L3.195 “Special Syringe for milk”**

We are seeking clarification on the following points related to the specifications for the syringe mentioned in the tender:

A high regarded syringe manufacturer mentioned that the requested syringe material (plexiglas) melts at 99°C, which conflicts with the requirement for it to be autoclavable (which typically occurs at 121°C). Could you please clarify this discrepancy?

Diameter specification: Could you provide the exact diameter required for this syringe? The current specifications are not clear.

Additionally, could you please clarify the exact application of the syringe? What will it be used for?

Product availability: Can you confirm if this specific syringe is still in production and available for purchase?

Response 25

PLEASE, DELETE ITEM L3.195

Question 26:

About: **item L3.198 “Stainless steel knives”**

Regarding the specification provided for "Stainless steel knives for grinding fibrous products, medicinal plants, tablets, cardboard, felts, plastic materials," could you please clarify whether you require



only the stainless steel knives or a complete blender/grinder unit because it looks more like a 220V device than a simple knife.

Response 26

Please, delete this item L3.198

Question 27:

About: **item L3.204 “Stirrer, magnetic 3 positions”**

We have identified two potential discrepancies in the provided specifications and seek your clarification:

Plate Dimensions: The current specification lists the plate dimensions as "550 x 2100 mm approx." However, we believe this might be a typographical error, and the correct dimensions should be "550 x 210 mm." Could you please confirm?

Speed Range: The speed range is currently specified as "100 to 15004 rpm." We believe this might also be a typographical error, with the correct range being "100 to 1500 rpm." Could you please confirm?

Response 27

This is a typographical error. The correct dimensions are “550 x 210 mm”.

This is a typographical error. The correct range being "100 to 1500 rpm."

Question 28:

About: **item L3.207 “Storage monitoring software”**

I seek clarification on several points.:

Intended Application: Could you please confirm whether the application of the specified product is intended for use in a fridge or a freezer?

Software Monitoring Preferences: Could you clarify whether you prefer to monitor the software via the cloud or on a local server? If the server option is preferred, an installation would be managed by a distributor from the manufacturer.

Mapping responsibility: Could you also confirm if they plan to handle the mapping themselves, or if this should be conducted by JRI or one of their authorized distributors.

Software availability: Lastly, we would like to inform you that the JRI Sirius software specified in the tender is no longer available and has been replaced by the updated JRI MySirius software, which offers improved features. Could you please confirm that the updated JRI MySirius software would be acceptable as a replacement?

Response 28

Planned for a -80°C freezer

Local server is preferred

Mapping to be done by authorized JRI distributor

Updated JRI MySirius software is acceptable

Question 29:

About: **item L3.208 “Storage wireless monitoring solution”**



The current specifications provided are quite vague and leave significant room for interpretation and improvisation. To ensure accurate and effective implementation, we require much more detailed information. Specifically, we need:

Measurement Parameters:

A precise list of all environmental parameters that the measurement devices are required to monitor. Detailed information on the units of measurement, ranges, and precision needed for each parameter.

Sensor and Installation Details:

The exact number and types of sensors needed for the installation.

Specific details on the types of sensors (e.g., temperature, humidity) and their respective capabilities and quantities.

A comprehensive list of all cables and accessories required for the installation.

Response 29

Please refer to answer 39

Question 30:

About: **item L3.218 “Thermometer, 0 C - +70 C”**

We have a question regarding the specifications provided for the mercury thermometer.

Specifically, we noticed a potential contradiction between two specifications:

Spec 2.3 mentions "variable immersion," suggesting that the thermometer should provide accurate readings at different depths of immersion.

Spec 2.7 specifies "Immersion approx.: 150 mm," which seems to indicate a fixed immersion depth for accurate operation.

Could you please clarify whether the thermometer should be designed for variable immersion, allowing accurate readings at different depths, or if it is intended to operate accurately only at a fixed immersion depth of approximately 150 mm? Understanding this will help us ensure that our proposed product aligns perfectly with your requirements.

Response 30

Point 2.3 of the specification for Item L3.218 "Thermometer, 0 C - +70 C" is removed

Question 31:

About: **item L3.219 “Thermometer, -20 C - +110 C”**

We have a question regarding the specifications provided for the mercury thermometer.

Specifically, we noticed a potential contradiction between two specifications:

Spec 2.3 mentions "variable immersion," suggesting that the thermometer should provide accurate readings at different depths of immersion.

Spec 2.7 specifies "Immersion approx.: 76 mm," which seems to indicate a fixed immersion depth for accurate operation.

Could you please clarify whether the thermometer should be designed for variable immersion, allowing accurate readings at different depths, or if it is intended to operate accurately only at a fixed immersion depth of approximately 76 mm? Understanding this will help us ensure that our proposed product aligns perfectly with your requirements.



Response 31

Point 2.3 of the specification for Item L3.219 “Thermometer, -20 C - +110 C” is removed

Question 32:

About: **item L3.221 “Thermometer, -90 C - +370 C”**

Regarding spec 2.6 - We noticed that the current specification lists "Accuracy: ± 2 ". To ensure we meet the requirements accurately, could you please clarify whether this refers to ± 2 degrees, ± 2 per cent, or something else?

For the product we intend to offer, accuracy is rigorously ensured through the inspection and testing of samples from each production run. Additionally, the product is supplied with a statement of compliance to ASTM E1 and E77 requirements, which are industry-recognized standards for accuracy and reliability.

Given these rigorous standards, would this level of accuracy and compliance be acceptable for your needs?

Regarding spec 2.2 - It states "Full or partial immersion." The thermometer we offer is a "Pensky-Martens" model, which is the only one meeting the specified criteria.

Could you please confirm if this model is acceptable?

Response 32

Regarding spec 2.6 : ± 2 degrees is correct

Yes this standards is acceptable

Regarding spec 2.2 - Pensky-Martens model is fine

Question 33:

About: **item L3.228 “Tube rack for agitator”**

Regarding spec 2.1 - Please confirm whether this item includes only the racks or if it also includes the universal platform. The universal platform is also specified in the discription of item L3.233.

Response 33

Only the racks

Question 34:

About: **item L3.229 “Tungsten carbide flail”**

Could you please provide more details? The current information is quite minimal, and we want to ensure that our offer is accurate and cost-effective.

Response 34

Please, delete this item L3.229

Question 35:

About: **item L3.236 “Vacuum desiccator”**

Could you clarify what "200 mm" refers to in specification 2.1? If it refers to the diameter of the body, is a diameter of 250 mm acceptable? Please confirm.

Response 35

Yes it's acceptable



Question 36:

About: **item L3.239 “Vacuum system, 3 branches”**

Regarding specification 2.6: What are the internal dimensions referring to?

What will the application be?

What materials will be used within this vacuum system?

Do you prefer disposable or non-disposable funnels?

Please provide the required details to ensure accurate offer from our side.

Response 36

Point 2.6 of the specification for Item L3.239 “Vacuum system, 3 branches” is deleted

Non-disposable funnels

Question 37:

About: **item L3.240 “Vacuum system, 6 branches”**

What will the application be?

What materials will be used within this vacuum system?

Do you prefer disposable or non-disposable funnels?

Please provide the required details to ensure accurate offer from our side.

Response 37

Please, delete this item L3.240

Question 38:

About: **item L3.253 “Well solid plates immuno 96, conical (V) bottom”**

*I noticed that the surface area specification of **2.7 cm²** has been listed for both L3.253 **conical bottom** and L3.254 **flat bottom** well plates. We have received feedback from the manufacturer regarding the surface area specification for the 96-well plates. According to the manufacture a V-bottom type, and its surface area is not typically specified due to calculation complexities. With other words this is only calculated for a flat bottom well plate. Please review and confirm if the surface area requirement for V-bottom wells is accurate or if it should be revised.*

Response 38

Point 2.8 of the specification for Item L3.253 “Well solid plates immuno 96, conical (V) bottom” is removed

Question 39

1) 1 monitoring software package is requested (#L3.208) for 1 Lab only (the LNERV).

a. What about the others?

b. How many measuring points (pdm) must be monitored by this software? (1 pdm = 1 quantity or parameter)

2) For some equipment such as refrigerators, freezers, etc., reference is made to monitoring, recording, alarm management, mains failure, etc., or even to Chart Recorders as an option.

a. Do they have to be connected to a centralised monitoring system and equipped to do so?

b. Do they have to integrate their own solution?



In case (a.), some are planned for Laboratories other than the LNERV for which there is no monitoring software requested.

3) For the low temperature digital probes item #L3.137, they are planned for 2 laboratories : Pasteur and LBV laboratories. Given the specifications requested:

- a. What will they be connected to?
- b. How will the data be used?

Response 39

1) 1 : The software must monitor 10 measurement points (2x(+4°C; +21°C; +37°C; -20°C; -80°C))

2) a: Yes if necessary

2) b.: Yes

For metrological purposes, we need to monitor this equipment in real time.

3) a: Digital probes do not need to be connected

3)b: the data will be collected daily and manually in temperature recording sheets.

Model T2 PT100 PROBE OVERMOLDED CL.A, Ø5x20mm, 3m SENTOPRENE FLAT CABLE (-50 +105°C) for freezer and oven

Model T3 PT100 PROBE Ø3x20mm STAINLESS STEEL CL.A, 6m TEFLON/TEFLON CABLE Ø2,9mm (-200 +0°C) for freezer

Model T2 PT100 PROBE OVERMOLDED CL.A, Ø5x20mm, 3m SENTOPRENE FLAT CABLE (-50 +105°C) INCUBATOR

Model T1 ROOM TEMPERATURE SENSOR WITH DISPLAY AND LIGHT SENSOR (-30+70°C)

REFERENCE SONDE PT100 Ø3x20mm INOX CL.A, 3m DE CABLE TEFLON Ø2,9mm (-196° +150°C) connection to IS

UP TO 10 MEASURING POINTS

Optional Module or Application

Alert (CLOUD) UP TO 10 MEASUREMENT POINTS

Alert management

PACK THE 100 SMS ZONE 3 (ROW)

Question 40

In relation with Lot 4, looks like that the “Technical Performance” evaluation chart proposed at ITB 35.1 can’t be applicable for the Lot 4

In fact, LOT 4 is composed by reagents and consumables and for this reason:

- there is no maintenance or repair to be provided
- preventive maintenance is not applicable to reagents and consumables
- installation and training are also not applicable for this Lot

We kindly ask you to amend the evaluation criteria for the Lot 4, composed only by reagents and consumables, to an applicable extent such as, for example, the least expensive offer among those evaluated technically compliant of pass/fail basis.



Also the presence of the local repair services in the 5 countries looks pointless. It would be much more useful to require that you are guaranteed the presence in one of the 5 countries of additional quantities of the items supplied for a prompt, eventual, replacement.

Finally, we suggest you to ask for a “minimum residual shelf life” to be guaranteed at the time of delivery, which can be, for example, 7 months.

Response 40

The Technical Performance evaluation grid is not applicable for Lot 4
A minimum residual shelf life of 12 months is required at the time of delivery

Question 41

We are SSM SYSTEMES MEDICAUX, a society which supplies biomedical equipment, reagents and consumables in Senegal and the Sub regions. We will submit to the tender WAHO-CDEAO / ICB N° : ICB/PROALAB-WAHO/2024/003.

So, we would like to have some clarifications regarding some items of the bid:

- Lot 1: Laboratory Equipment for PCR & Immuno Assay

- L1.8: PCR plates, 96-well: they are consumables but in specifications, we see this section below: '**All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Is that what you mean?**

- L1.10: Sequencing Platform: in section accessories, spares and consumables:

Extraction: x 1200: we would to know if you mean manual extraction kits, if so are they for DNA or RNA?

Flow Cell x50, is it 50 Flow Cell for the 3 sequencing platform or 50 Flow cell for each sequencing platform.

- Lot 2: General Laboratory Equipment

- L2.1: Agarose gel electrophoresis system: is the system for nucleic acids or hémoglobine? it's not specified in the specifications

- L2.86: Rack for microcentrifuge tubes: we would like to know the brand, type or model of the microcentrifuge

- L2.15: Bacterial identification system with antibiogram: the name of the item is confusing and may you please specify the detection method

Response 41

Yes as mentioned in section 3.1 of the technical specifications of the item L1.8 PCR plates, 96-well

L1.10 : Sequencing Platform: in section accessories, spares and consumables: Extraction: x 1200
50 Flow cell per machine please

Both DNA and RNA. Nucleic acids in general.

L2.1: Agarose gel electrophoresis system :

L2.86: Rack for microcentrifuge tubes : This is a rack that is not linked to the centrifuge

L2.15: Bacterial identification system with antibiogram: Section 2.4 of the technical specifications of the item. It is mentioned : Detection method: colorimetric



Question 42

1. In your tender document ITB 14.7, you mention that delivery for goods manufactured outside the Purchaser's country should be DDP Incoterms 2020. Please who takes care of the custom duties and goods clearance in those countries Or Are you getting custom waiver
2. Should we exclude countries where we don't have local agents from our bidding, or we should bid for all
3. Should the Product Maintenance Service Form (PMSF) be for per product or for all the products together
4. Should the Comprehensive Training Programme Form (CTPF) be for per product or for all the products together

Response 42

- Please refer to GC 17.3 of Section IX. Particular Conditions of Contract of the tender documents on page 994 which gives details on customs duties and taxes;
- Even if you don't have a local agent, you will need to submit an offer that takes into account all countries. It should be noted that the existence of a local agent is a criterion noted in accordance with the explanations given on page 44 of the tender documents.
- Product Maintenance Service Form (PMSF) is for all products together
- Comprehensive Training Programme Form (CTPF) applies to all products

Question 43

To ensure we choose the sequencing instrument best suited to the project needs, we would like to obtain more details on the planned applications:

- 1- Do laboratories need applications that require data generation > 20Gb per sequencing run? For example, the shogun metagenomics application requires >15Gb of sequencing data per sample.
- 2- Please confirm that the laboratories be required to sequence complex primary samples such as samples of clinical (human tissues, fluids, etc.) and not environmental (wastewater, etc.) origin?
- 3- Is the sequencing cost per Gb of data an element that counts in the evaluation of the proposed sequencer?
- 4- Are the laboratories equipped with ultrapure water to carry out weekly washings on the sequencers or do they wish to equip them with a sequencer which does not require washing?
- 5- Should the chosen sequencer allow dilution and denaturation of the DNA libraries integrated into the instrument?
- 7- Do the start-up reagents only include the reagents necessary to validate the sequencer for its installation?
- 8- ISO 13485 is requested for some products, in case the product is not classified as Medical Device, ISO 13485 is not be applicable and can therefore not be obtained, may we submit ISO 9001 instead as proof of Quality Management System?



WEST AFRICAN HEALTH ORGANIZATION
ORGANISATION OUEST AFRICAINE DE LA SANTE
ORGANIZAÇÃO OESTE AFRICANA DA SAÚDE

Response 43

Point 1-NO

Point 2- No, they will rather sequence viruses and bacteria isolates Not complex specimen

Point 3- Yes as always. But, quality is the most important.

Point 4- Yes, they are equipped with ultrapure water or would buy it.

Point 5- No.

Point 7- Installation and commissioned.

Point 8: In this case only, yes, it will be acceptable to submit the ISO 9001 standard