

**Procurement of equipment for General Hospital in Loznica
NO. IOP/61-2021/UHI**

**Clarification No. 4
Issued on 24th of October 2022**

Question 1:

LOT 5 Item No. 6 Ultrasound system with 3 probes

- ID 6.4 Minimum 23" Bezel-less LCD LED backlight monitor.
Is it acceptable to make a minor change in this requirement so it reads: Minimum 21" LCD LED backlight monitor.

Answer: It is acceptable to offer: Minimum 21" LCD LED backlight monitor

- ID 6.10. Spatial compounding with minimum 9 angles. Is it acceptable to make a minor change in this requirement so it reads: Spatial compounding with angle adjustment.

Answer: It is acceptable to offer: Spatial compounding with angle adjustment

- ID 6.14. Maximum frame rate minimum 3200 F/s (depends on probes and modes). Since the number of f/s does not affect the quality of the image (human eye can process 25Fps), please change this request to read: Maximum frame rate minimum 500 - 3200 F/s (depends on probes and modes).

Answer: It is acceptable to offer: Maximum frame rate minimum 500 F/s (depends on probes and modes).

- ID 6.15. Maximum depth of field minimum 45 cm (probe dependent). Is it possible to amend this request to read: Maximum depth of field minimum 40 cm (probe dependent).

Answer: It is acceptable to offer: Maximum depth of field minimum 40 cm (probe dependent).

- ID 6.17. Max Read Zoom to 20x: baseline shift on "freeze" or recall. This request is unclearly defined, and it has no clinical value, could you please remove it from technical specification.

Answer: This request will be removed

- ID 6.19. The ability to import CT/MRI images for comparison on a split screen with active ultrasound image. This feature does not imply true image fusion and in this regard please remove this request as it does not represent a significant technique.

Answer: This request will be removed

- ID 6.24. Linear with 4 configurable buttons. This feature is owned by only one manufacturer, so please remove the requested request in order to increase competition.

Answer: This request will be removed.

- ID 6.32. Curved anatomical M-Mode. This feature does not represent a significant technique for operation, so please remove it from the specification.

Answer: This request will be removed.

- ID 6.37. Ability to display ultrasound image at the same time on monitor and on the touch panel. This feature can only be fulfilled by one manufacturer, in order to allow other bidders to participate, please remove this requirement from the specification.

Answer: This request will be removed.

- ID 6.45. Convex array probe, Bandwidth: 1 – 6 MHz or wider, FOV: minimum 70°
Number of elements: minimum 192. Is it acceptable to offer a 1-5 mhz Bandwidth probe, provided that it does not represent a significant difference from the requested description of the probe. Please edit the description to read: Convex array probe, Bandwidth: 1 – 6 +/- 1 MHz or wider, FOV: minimum 70°, Number of elements: minimum 192.

Answer: It is acceptable to offer: Convex array probe, Bandwidth: 1 - 6 +/- 1 MHz or wider, FOV: minimum 70°, Number of elements: minimum 192

- ID 6.46. Linear array probe Bandwidth: 2 – 11 MHz or wider, FOV: 50 mm (+/- 5 mm)
Number of elements: minimum 256. Is it acceptable to offer a linear probe with a range of 5-13 MHz and with a total of 192 crystal elements.

Answer: It is acceptable to offer: Linear array probe Bandwidth: 5 – 11 MHz or wider, FOV: 50 mm (+/- 5 mm), Number of elements: minimum 192.

- ID 6.47. Sector array probe, Bandwidth: 1 – 5 MHz or wider, FOV: minimum 120°, Number of elements: minimum 64. Is it acceptable to offer a sector probe with a FOV of 90°, is it acceptable to offer a sector probe with a FOV of 90, given that it is not much different from the requested 120° especially considering that for cardiac exams narrow angle is used.

Answer: It is acceptable to offer: Sector array probe, Bandwidth: 1 – 5 MHz or wider, FOV: minimum 90°, Number of elements: minimum 64

Question 2:

LOT 5. Item 9 Ultrasound device for Neurology ID

- ID 9.11. High definition speckle reduction imaging which provides multiple levels (min. 8) of speckle reduction as SRI-HD or corresponding. To ensure more competition can you change this feature to read: High definition speckle reduction imaging which provides uniformly and high contrast images.

Answer: It is acceptable to offer: High-definition speckle reduction imaging which provides uniformly and high contrast images

- ID 9.17. HD write zoom - read zoom min. 50X. This request has no clinical value, 50x zoom in ultrasound image will result in useless image. In US usually used zoom is up to 2x. Considering above could you please remove this item for specification.

Answer: This request will be removed

- ID 9.18. Voice comments recording - Since this request does not represent a significant feature, please remove it from the specification in order to allow more competition.

Answer: This request will be removed

- ID 9.38. Linear probe, Frequency range: 4 – 13 MHz or wider, Field of view (FOV): 40 mm (+/- 5 mm). Is it acceptable to offer a linear probe with a Frequency range : 4 – 13 +/- 1 MHz or wider?

Answer: It is acceptable to offer: Linear probe, Frequency range: 4 – 13 MHz +/-1 MHz or wider, Field of view (FOV): 40 mm (+/- 5 mm).

Question 3:

LOT 1

Item 5 - Videoendoscopic tower with gastroscope and colonoscope

- ID 5.21. - Compatible with chromatographic observation of tissues described under 1.11, 1.12 and 1.13 – Could you confirm that this is mistake and as we understand it refers to a position 5.7, 5.8 and 5.9.

Answer: This request will be changed to: Compatible with chromatographic observation of tissues described under 5.7, 5.8 and 5.9

- ID 5.30. - Compatible with chromatographic observation of tissues described under 1.11, 1.12 and 1.13 – – Could you confirm that this is mistake and as we understand it refers to a position 5.7, 5.8 and 5.9.

Answer: This request will be changed to: Compatible with chromatographic observation of tissues described under 5.7, 5.8 and 5.9

Question 4:

LOT 5.

Item 9 Ultrasound device for Neurology

- ID 9.38 Linear probe, Frequency range: 4 – 13 MHz or wider, Field of view (FOV): 40 mm (+/- 5 mm)

- ID 9.41. Linear probe, Frequency range: 4 – 13 MHz or wider, Field of view (FOV): 40 mm (+/- 5 mm)

Under the points mentioned above, you have described two probes with the same characteristics.

Do you purchase two identical probes or just one?

Answer: Purchaser already published answer in Clarification No. 1 and Amendment No. 1.

Question 5:

LOT 5.

Item 9 Ultrasound device for Neurology

- ID 9.36 B/W thermal printer
- ID 9.39 B/W thermal printer

Under the points mentioned above, you have described two B/W thermal printers.

Do you purchase two BW thermal printers or one?

Answer: Purchaser already published answer in Clarification No. 1 and Amendment No. 1.

Question 6:

Lot 2 - OP Room and Surgical Instruments

Some manufacturers of surgical instruments perform service and repair only in their factories and do not permit service and reparations to official distributor or any third technical service center located in the sales territory.

Considering the above, we kindly ask the Purchaser to confirm that in such cases it is acceptable to submit only Manufacturer's After Sales Statement, confirming that service will be performed in manufacturer's factory, instead of providing Manufacturers After Sales Authorisation for the local service company and service certificate for the qualified person?"

Answer: Yes, it is acceptable.

Question 7:

LOT 1 – Endoscopic Surgery and Diagnostic

Item No. 7 - Urology Holmium Laser

ID 7.6 Energy range 200-5000 mJ.

Is it acceptable to offer energy range of 200-4000 mJ, as this change has no effect on general purpose and needed requirements of the device?

Answer: It is acceptable to offer: Energy range 200-4000 mJ

Question 8:

Is it acceptable that Maximum period for repair from the moment of declaring - 15 (fifteen) days?

Is it acceptable that Maximum period for replacement from the moment of declaring - 30 (thirty) days?

Answer: Yes, it is acceptable.

Question 9:

For item 13, you requested:

13.6 Barcode Reader: external PS/2

Is it acceptable to offer the analyzer which has barcode reader integrated, since it is better than requested?

Answer: ID 13.6 It is acceptable to offer integrated Barcode Reader. Request will be changed and read as follows: Barcode Reader

Question 10:

LOT 7_Item ID 21

In the LOT 7 for Item ID 21.63 requested technical specification "Ultrasound display with a linear probe with a frequency of 5 - 15 MHz for examination of the carpal tunnel" is not used in routine EMNG studies. This method is intended for use in advanced EMNG studies as well as in research and it is rarely used in day-to-day tests. However, this should be an option for upgrade if the end user has the need for such advanced studies in the future.

We kindly ask the Purchaser to modify the requirement within the Item 21, ID 21.63 so now it reads as follows: "Upgrade possibility with ultrasound display with a linear probe with a frequency of 5 - 15 MHz for examination of the carpal tunnel"

Answer: Requirement within Item 21, ID 21.63 will be changed and read as follows: Upgrade possibility with ultrasound display with a linear probe with a frequency of 5 - 15 MHz for examination of the carpal tunnel.

Question 11:

In technical specification for LOT 10

Sterilization there is no specification for water preparation system (softener and RO). Please clarify if there is a central system for supplying RO water to the CSSD Department.

The devices that are to be delivered and installed in the CSSD Department need RO water for uninterrupted work. If the adequate water quality is not already available in adequate quantity, the installed equipment will not be functional. In that case, it is necessary to add the adequate water preparation system to the purchase.

Answer: Purchaser will make amendment to technical specification for LOT 10 and will add specification for adequate water preparation system (softener and RO).

Question 12:

LOT 1, Item No.4, ID 4.3.

Would it be acceptable to offer monitor, size 32", with enhanced technical characteristics and 4K resolution, which is better than requested?

Answer: It is acceptable to offer a 4K LCD monitor size 32 inch, as it is a better feature than it is required.

Public Procurement Committee

A handwritten signature in blue ink, appearing to read 'Alfauisabjenic', is written over the printed text of the Public Procurement Committee.