

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

**Clarification No.2
Issued on 11th of October 2022**

Question 1:

LOT 5 – Radiology Imaging

1. Item No. 2 Mobile X-ray device

- ID 2.5. Focal spot range min. 65 – 200 cm. Is it acceptable to make minor change in this requirement so it reads: Focal spot range min. 68 – 200 cm

Answer: ID 2.5. It is acceptable to offer: Focal spot range min. 68 – 200 cm. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.10. High frequency generator min. 100 kHz. The performance of the high voltage generator does not only depend on the frequency of the converter, but mainly depends on the power conversion technology. In addition to the high frequency, a huge role in suppressing soft radiation, has i.e. shorter high voltage rise time. The reduction of high voltage ripples has a negligible effect on the dose even with the use of generators with a frequency of 10kHz. The requirement "" High frequency generator min. 100 kHz "" is not objective. Considering above mentioned is it acceptable to make minor change in this requirement so it reads: High frequency generator min. 60 kHz.

Answer: ID 2.10. It is acceptable to offer: High frequency generator min. 60 kHz. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.14 mAs range min 0.5-360 mAs. Is it acceptable to make minor change in this requirement so it reads: mAs range min 0.5-320 mAs

Answer: ID 2.14 It is acceptable to offer: mAs range min 0.5-320 mAs. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.16 Two focal spots: max. 0.6 and min. 1.2 mm. Is it acceptable to make minor change in this requirement so it reads: Two focal spots: max. 0.7 and min. 1.2 mm

Answer: ID 2.16 It is acceptable to offer: Two focal spots: max. 0.7 and min. 1.2 mm. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.21 Detectors and mobile x-ray unit are from the same manufacturer. This parameter has no clinical nor any other value, especially taking into consideration that some of well-established medical companies, work together in order to provide some of the best-in-

class devices. Considering all above mentioned, we kindly ask you to remove this request.

Answer: ID 2.21. This request will be deleted. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.25 Removable snap-on anti scatter grid 6:1. As we are willing to offer more advanced technology, we kindly ask that you change this requirement as follow: Removable snap-on anti scatter grid or virtual grid.

Answer: ID 2.25. It is acceptable to offer: Removable snap-on anti scatter grid or virtual grid. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.26 Detector and grid stored in the bin. Related to previous question we kindly ask you to change this requirement as follows: Detector and grid stored in the bin in case of physical grid.

Answer: ID 2.26. It is acceptable to offer: Detector and grid stored in the bin (only in case when physical grid is offered). It will be amended in Amendment no. 1 as of October 11, 2022.

- ID 2.27 Automatic in bin charging. This solution has no advantages comparing to solution with external charger, and additional battery. Second solution offers longer battery life and always charged battery. Considering mentioned we kindly ask you to change this request, so it reads: Automatic in bin charging or external charger and additional battery.

Answer: ID 2.27. It is acceptable to offer: Automatic in bin charging or external charger with additional battery. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.33 Image storage capacity min 5.000 images. Is it acceptable to make minor change in this requirement so it reads: Image storage capacity min 3.500 images.

Answer: ID 2.33. It is acceptable to offer: Image storage capacity min 3.500 images. It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 2.37 Images export to CD/DVD media for storage. Is it acceptable to make minor change in this requirement so it reads: Images export to CD/DVD or USB media for storage.

Answer: ID 2.37. It is acceptable to offer: Images export to CD/DVD or USB media for storage. It will be amended in Amendment no. 1. as of October 11, 2022.

2. Item No. 3 Digital mammography system

- ID 3.9 Anode material dual track: Molybdenum (Mo) and Rhodium (Rh). As different manufacturers get equal quality, tested, and approved, using different filtering solutions, we kindly ask you to change this technical requirement as follows: Anode material, min. one: Molybdenum (Mo), Rhodium (Rh), Tungsten (W/Re).

Answer: ID 3.9. It is acceptable to offer: Anode material: Molybdenum (Mo) or Rhodium (Rh) or Tungsten (W). It will be amended in Amendment no. 1. as of October 11, 2022.

- ID 3.12 Specific paddle and AEC for implants. Could you please confirm that paddle which is adopting its shape (flex paddle) depending on the breast is acceptable solution in terms of specific paddle requirement.

Answer: ID 3.12. We confirm that suggested paddle solution will be evaluated as valid offer.

- ID 3.61 Possibility to displays CAD markers for micro-calcs and masses. Could you please confirm our understanding that DWS only must be able to display markers from the CAD system, and the CAD system is not required as part of the bid?

Answer: ID 3.61. We confirm that DWS must be only able to display markers from the CAD system and CAD system itself is not requested in this procurement.

- ID 3.65 Upgradability: Contrast Enhanced Mammography guided biopsy. This is unique feature of one manufacturer. We kindly ask you to change it, so it reads as follow: Upgradability: Contrast Enhanced Mammography.

Answer: It is not acceptable to offer system without Upgrade possibility: Contrast Enhanced Mammography guided biopsy.

Purchaser has already requested under ID 3.63. Upgrade possibility: Contrast Enhanced Mammography, but technical feature under ID 3.65. is important for end-customer as advanced biopsy guidance tool to be done under same compression and same procedure during Contrast enhanced Mammography.

3. Item No. 4 Mobile digital X-ray with C-arm

- ID 4.29. CMOS min. 30fps full frame rate. Panel technology is not important as long as it delivers required resolution. According to stated, we kindly ask you to change this requirement as follows: min. 30fps full frame rate.

Answer: ID 4.29. It is not acceptable to offer system without CMOS detector technology, because it is important for end-customer as technology with the lowest possible radiation for staff and patients which provides at the same time best image quality and resolution.

Public Procurement Committee

