

Procurement of Medical Imaging Equipment

no. IOP/5-2017/RD

Clarification no. 7

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Pitanje 1: U LOT-u 1, na poziciji 5 **Digital radiography system for Clinical Hospital Center „Zemun“**, u tački 1.4. Patient exposure in standing position- detector isocenter-floor distance in range of minimum 43 cm to 168 cm.

Da li je za naručioca prihvatljiva izmena da vertikalno kretanje cevi i detektora bude od 43 cm do 163 cm? Smatramo da razlika od 5cm odnosno 3%, kao što je zahtevano u konkursnoj dokumentaciji, ne predstavlja nikakvu kvalitativnu prednost niti ograničenje pri izvođenju bilo koje dijagnostičke procedure.

Question 1: Position Digital radiography system for Clinical Hospital center Zemun, under point 1.4 Patient exposure in standing position –detector isocenter-floor distance in range of minimum 43cm to 168 cm.

Is it acceptable that vertical motion of tube and detector is in range of 43 cm to 163 cm? We think that difference od 5 cm (3%) is not qualitative advantage neither limit any diagnostic procedure.

Answer 1:

When exposition in standing position is performed, biggest possible travel range is needed (especially upper position) in order to cover big standard deviation in height of Serbian population. Therefore there will be no change in specification 1.4.

Pitanje 2: U LOT-u 1, na poziciji 5 **Digital radiography system for Clinical Hospital Center „Zemun“**, u tački 1.5. Coupled (synchronized) vertical movement of detector and X-ray tube assembly during exposure of standing patient- in range of minimum 125 cm

Da li je za naručioca prihvatljiva izmena da vertikalno pomeranje bude 120 cm? Smatramo da razlika od 5cm odnosno 4%, kao što je zahtevano u konkursnoj dokumentaciji, ne predstavlja nikakvu kvalitativnu prednost niti ograničenje pri izvođenju bilo koje dijagnostičke procedure.

Question 1: Position Digital radiography system for Clinical Hospital center Zemun, under point 1.5 Coupled (synchronized) vertical movement of detector and X-ray tube assembly during exposure of standing patient- in range of minimum 125 cm.

Is it acceptable that vertical movement is 120 cm? Is it acceptable that vertical motion of tube and detector is in range of 43 cm to 163 cm? We think that difference od 5 cm (4%) is not qualitative advantage neither limit any diagnostic procedure.

Answer 2:

When exposition in standing position is performed biggest possible travel range is needed in order to cover big standard deviation in height of Serbian population height. Therefore there will be no change in specification 1.5.

Pitanje 3: U LOT-u 1, na poziciji 5 **Digital radiography system for Clinical Hospital Center „Zemun“**, u tački 2.2. Table top length minimum 200 cm

Da li je za naručioca prihvatljiva izmena da dužina stola bude 197 cm? Smatramo da razlika od 3cm odnosno 1,5%, kao što je zahtevano u konkursnoj dokumentaciji, ne predstavlja nikakvu kvalitativnu prednost niti ograničenje pri izvođenju bilo koje dijagnostičke procedure.

Question 3: Position Digital radiography system for Clinical Hospital center Zemun, under point 2.2 Table top length minimum 200cm.

Is it acceptable length of table 197 cm? We think that difference od 3 cm (1.5%) is not qualitative advantage neither limit any diagnostic procedure.

Answer 3:

According to market survey several vendors offer patient table of requested size. Therefore there will be no change in specification 2.2

Pitanje 4: U LOT-u 1, na poziciji 5 **Digital radiography system for Clinical Hospital Center „Zemun“**, u tački 2.3. Table top width minimum 65 cm

Da li je za naručioca prihvatljiva izmena da širina stola bude 64 cm? Smatramo da razlika od 1cm kao što je zahtevano u konkursnoj dokumentaciji, ne predstavlja nikakvu kvalitativnu prednost niti ograničenje pri izvođenju bilo koje procedure.

Question 4:

Position Digital radiography system for Clinical Hospital center Zemun, under point 2.3 Table top width minimum 65cm.

Is it acceptable the width of table of 64 cm? Is it acceptable length of table 197 cm? We think that difference of 1 cm is not qualitative advantage neither limit any diagnostic procedure.

Answer 4:

Request is accepted. Specification 2.3 is amended and now states: „Table top width minimum 64 cm“

Pitanje 5: U LOT-u 1, na poziciji 5 **Digital radiography system for Clinical Hospital Center „Zemun“**, u tački 4.6. LED lamp lightening

Da li je za naručioca prihvatljiva izmena da umesto led lampe bude Halogena lampa?

Halogen lampa nema nikakav uticaj na dijagnostički kvalitet te Vas molimo da usvojite predlog i da umesto Led lampe promenite u “Led ili Halogena lampa”.

Question 5: Position Digital radiography system for Clinical Hospital center Zemun, point 4.6 LED lamp lightening. Is it acceptable halogen lamp instead led lamp? Halogen lamp has no impact on

diagnostics quality, so we kindly ask you to accept the suggestion to change requirement in “ Led or Halogen lamp”

Answer 5:

LED lamp inside collimator is modern solution, which gives different light temperature range and has much longer mean time before failure than halogen bulbs. Every respectable vendor has in his offering collimator with LED light. Therefore there will be no change in specification 4.6

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