

Procurement of Medical Devices for University Children Hospital "Tiršova"

IOP/11-2017/RD

Clarification no. 8

Issued on December 1, 2017

Lot4_Radiology- C arm- Technical Specification

Question 1: In the item 3. You have requested: "Orbital rotation min 135 °". In order to improve the quality of the device, enabling significantly easier positioning of the C arm, much greater flexibility in operation and the possibility of examination of larger projections without unnecessary orbital rotation of the C arm in the opposite direction, we suggest following change: "Orbital rotation min. 160 °".

Answer 1:Item 3. It is acceptable to offer Orbital rotation min. 160 deg.

Question 2: In the item 20. You have requested "Heat capacity anode X-ray tube min. 300kHU ". Request defined like this is not precise enough. More important parameter for the end user is the heat capacity of the entire system, which, in addition to the heat capacity of the tube, depends on the cooling mode of the system. For this reason, we suggest to the purchaser to add mentioned parameter in order to purchase the device with active cooling of the system, as follows: "Heat capacity anode X-ray tube min. 300kHU and system heat capacity min. 10MHU".

Answer 2: Item 20. It is acceptable to offer Heat capacity anode x-ray tube min. 300.kHU and system capacity min.10 mHu

Question 3: Under item 24. You have requested: "Pulsed fluoroscopy with pulse rate in range min 0.5 to 15fps ". Considering that you are purchasing premium mobile X-ray with C arm, we think that this function needs to be supplemented with technology that allows automatic regulation of pulse rate, in order to prevent overheating of tube in demanding procedures, thus preventing the device from stop running. For this reason, we suggest the following change: "Pulsed fluoroscopy with pulse rate in range min 0.5 to 15fps, with automatic pulse range adjustment".

Answer 3: Item 24. It is acceptable to offer Pulsed fluoroscopy with pulse rate in range min.5 to 15 fps, with automatic pulse range adjustment

Question 4: Under item 28. You asked: "Flat panel detector dimensions min 30x30cm". Bearing in mind that the device is intended for pediatric applications, we consider that the size of the flat panel detector is not set at the appropriate level. The size of the panel set at this level unable performing significant number of surgery procedures in orthopedics, especially in the positioning of patients, examinations of extremities and surgical procedures on the hip, i.e. in cases where the panel must be placed between the legs of the patient. For this reason, we suggest following change: "Flat panel detector dimensions min 20x20cm".

Answer 4: Item 28. It is not acceptable to offer Flat panel detector dimensions min 20x20 since we already possess 30x30 cm detector, and our patients are more than 60 kg in weight in almost 50% of cases.

Public Procurement Committee