Procurement of equipment for new building of Institute for cardiovascular disease – Dedinje 2, Belgrade

NO. IOP/51-2021/UHI

Clarification No.3

Issued on 30th of June 2021

Question 1:

With the detailed analysis of technical specification requested for Lot 4 – Hybrid operating room, Line item number 1- Digital angiography system for hybrid operating room, we need explanation of some technical requirements in order to offer latest software and hardware version for offered system. Latest system version enables to end-user improved workflows for EVAR guidance and TAVI guidance procedures which are most import and most frequent procedures in hybrid operating room and also enables latest technologies for ultra-low dose imaging with fully new digital image chain. All of this on latest Windows 10 platform which bring highest level of cyber security and patient data protection. In order to be able to offer such system please consider following:

1. Some of the requirements for flat panel detector describes mostly one kind of detector which is dedicated for EP procedures due to very high signal to noise ration which enables acceptable image quality in EP with very low frame rates of 1 or 2fps which is not convenient for hybrid procedures. Detector is always part of complete digital image chain and with latest version only some of the detectors are approved. For that reason, please accept following changes which will enable more competition and will have no impact on image quality at all:
ID 37 DQE: min. 79 % at 0 lp/mm (RQA5) please change to DQE: min. 77% at 0 lp/mm (RQA5)
ID 41 Signal to electronic noise ratio min. 25dB (RQA 5) please change to Signal to electronic noise ratio min. 10dB (RQA 5)

2. In hybrid operating room patients comes after CT and/or MR imaging with known diagnosis and planned treatment. As it is combined system from 2 manufacturers, one manufacturer of Digital angiography system and second manufacturer of system operating table, it will not enable as a system some of the features which are dedicated to standard angiography room, like it is requested for ID 54 Stepping DSA by automatic longitudinal motorized movement of C-arm stand which enables display of contrast medium bolus along complete peripheral vessels with a single contrast-medium injection. This procedure cannot be done in operating environment as it will hit many other equipment in operating room like anesthesia booms, OP light, other equipment etc. For that practical reason, please delete such request from technical specification as it is not logical, and you will not get any valid offer.

3. For additional requested equipment purchaser has defined under ID 97 Angio injector for contract injection, pedestal, transducer compatible with syringe volume of min. 150 ml. Such specifications limits offering of more manufacturers which are approved and can be used with offered angiography system. As manufacturer of angiography system is not manufacturer of the injector, please consider following changes to allow more competition in this segment: Angio

injector for contract injection, pedestal, transducer compatible with syringe volume of min. 100 ml.

Answer 1:

1.1. Regarding flat panel detector suggestions about ID 37 and ID 41 ***are acceptable***

(see Amendment no. 1. Issued on 30th June 2021)

1.2. Regarding stepping DSA suggestion about ID 54 ***is not acceptable*** because there is clinical scenario with necessary post procedural checking of patency of whole leg vessels with minimum of contrast medium that means single injection.

1.3. Regarding angio injector suggestion about ID 97 ***is not acceptable*** because sometimes there is clinical scenario that requires more than 100 ml of contrast media.

Question 2:

LOT 10 Medical furniture; Item 18 Hydraulic instrument table
Is it possible to offer a hydraulic instrument table with manual height adjustment and base with 4 wheels Ø 50 mm?

Answer 2:

According to question regarding LOT 10 Medical furniture, Item 18 - Hydraulic instrument table - ***it is acceptable***.

Question 3:

We refer to you with a request to split lot 9 into separate lots taking into consideration different fields of applications and use as well as purposes and functionality of systems included in the Lot 9 the way it is now.

Answer 3:

It is not acceptable for the purchaser to split the lot 9 beacuse the subject of the lot are ultrasounds systems, the goods of the same kind. The bidders could prepare responsive bid no matter of different fields of application nor different funtionality of the systems.

Public Procurement Committee
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