

Procurement of Medical Devices for University Children Hospital “Tiršova”

IOP/11-2017/RD

Clarification no. 3

Issued on December 1, 2017

Lot 5, ID 5.1 Anesthesia Machine

Question no. 1.

The tender documentation requires:

7. Device must have display of 6 waveforms at the same time : pressure, flow, volume, anesthetic agents, Co2, O2

Please modify this require into:

7. Device must have display of 3 waveforms at the same time

Required characteristic - the display of 6 curves simultaneously is not justified in anesthesia, and the request can only be met by one bidder with one model of the anesthetic device. In order to allow other tenderers to participate in the procurement of equipment, please modify this item.

Answer No. 1.

It is not acceptable, but Purchaser will make changes to the tender documentation related to Point 7.

Point 7. modification: Device must have display of minimum 4 waveforms at the same time: pressure, flow, volume and etCO2.

Question no. 2.

The tender documentation requires:

15. Vaporizer must be with electronic injection

Please modify this require into:

15. Vaporizer must be with electronic or mechanic injection

In this way, you enable more bidders to participate in procurement, with absolutely competitive equipment, and technologically fully equitable. Mechanical injection of anesthetics even has its advantages, and allows the ventilation of a patient with an inhalation anesthetic, even in extreme situations, when there is no electrical power, no grid or battery.

Answer No. 2.

The Purchaser maintains its request as formulated, because it determines the class and quality of the anesthesia machine significantly. Vaporizers with electronic injection contributes to reduction of consumption of anesthetic agents. By examining the market, the Purchaser has determined that there are several potential bidders who can fulfill required characteristic.

Question no. 3.

The tender documentation requires:

27. AGC or TCA or Et Control

Please remove this requirement.

This feature is used in practice very rarely. To ensure the widespread use of anesthesia by a significantly larger number of anesthetists, this item needs to be removed.

Answer No. 3.

The Purchaser maintains its request as formulated, because it determines the class and quality of the anesthesia machine significantly. This software contributes to reduction of consumption of anesthetic agents. By examining the market, the Purchaser has determined that there are several potential bidders who can fulfill required characteristic.

Question no. 4.

The tender documentation requires:

28. Fresh gas flow range minimum 0.3 l/min to 18 l/min

Please modify this require into:

28. Fresh gas flow range minimum 0 to 15 l/min

The high value of fresh gas flow has no application in today's anesthesia, where it strives for low-flow and minimal-flow methods. The fresh gas flow rate of more than 15 L / min only limits the number of bidders, so that only one can fulfill the required characteristic without any clinical justification.

Answer No. 4.

It is not acceptable, but Purchaser will make changes to the tender documentation related to Point 28.

Point 28. modification: Fresh gas flow range minimum 0-18 l/min.

Question no. 5.

The tender documentation requires:

31. Inspiratory pause 0 to 30% or 0 - 1,5 sec

Please modify this require into:

31. Inspiratory pause 20 to 60%

Required values do not apply in anesthesia, while the shifted range of this setting is much more convenient, and in practice, the suggested range of this setting is most often used. Also, the highest number of bidders can not meet the required feature, so please change it.

Answer No. 5.

The Purchaser maintains its request as formulated, because it determines the class and quality of the anesthesia machine significantly. By examining the market, the Purchaser has determined that there are several potential bidders who can fulfill required characteristic.

Question no. 6.

The tender documentation requires:

33. PEEP : minimum 0-50 cmH₂O

Please modify this require into:

33. PEEP : minimum 2-35 cmH₂O

The requirement of this feature is limited by the number of tenderers who can participate in the procurement. Very high PEEP values do not apply in the anesthetic itself, so please ask for a clinically reasonable range of settings, thus enabling greater competitiveness in the procurement process.

Answer No. 6.

The Purchaser maintains its request as formulated, because it determines the class and quality of the anesthesia machine significantly. By examining the market, the Purchaser has determined that there are several potential bidders who can fulfill required characteristic.

Question no. 7.

The tender documentation requires:

34. Trigger : Flow/Pressure

Please modify this require into:

34. Trigger : Flow or Pressure

In this way, the request is clearly defined so that it allows all bidders to participate in the procurement.

Answer No. 7.

The request is accepted. **Point 34.Trigger: Flow or Pressure**

Lot 5 Anesthesia with ICU

5.5

Question no. 8.

In your bidding documentation, under point 4 for lot 5.5 you have requested the following:

- Minimum 12.1 in High Resolution Color LCD

Is LCD monitor 11.6” acceptable for the Contracting Authority and may the request be applied to

-Minimum 11.6 in High Resolution Color LCD

Answer No.8.

It is acceptable. **Point 4 is changed: Minimum 11.6 in High Resolution Color LCD.**

Question no. 9.

In your bidding documentation, under point 7 for lot 5.5 you have requested the following:

-System Boot Up: < 16 sec Probe Loading: < 3 sec

We think that the probe loading time does not matter, so we suggest the modification of the point to read: Quick boot-up (<25 seconds from a cold start and <5 seconds from sleep mode)

Answer No.9.

Point 7: The request is partially accepted. System boot up < 16sec shows processor quality. The request for probe loading time to be deleted is accepted.

Question no. 10.

In your bidding documentation, under point 19 for lot 5.5 you have requested the following:

- Guidance Technology - Includes integrated magnetic sensing technology for tracking needles and Ophthalmic

This point is of an eliminatory character, owned by only one manufacturer. Please exclude this point.

Answer No.10.

Point 19: The Purchaser maintains its request as formulated, because this is extremely important technology for many procedures done in pediatric anesthesia such as: vascular access and procedures in regional anesthesia. By examining the market, the Purchaser has determined that there are several potential bidders who can fulfill required characteristic.

Question no. 11.

In your bidding documentation, under point 23 for lot 5.5 you have requested the following:

-Linear array transducer B-Mode Imaging Frequency: 8.0-13.0 MHz CFM Imaging Frequency: 5.0-6.67 MHz Steered Angle: +/-20 . Applications include: Anesthesia, Vascular access, Musculoskeletal, and Interventional. Optional biopsy kit available

Is it acceptable for the Contracting Authority to modify this point so it reads:

- Linear array transducer B-Mode Imaging Frequency: 8.0-13.0 MHz (+/- 4MHz) . Applications include: Anesthesia, Vascular access, Musculoskeletal, and Interventional. Optional biopsy kit available

Answer No.11.

Point 23: Request is partially accepted. Linear array transducer B-Mode Imaging Frequency: 8.0-13.0 MHz (+/- **1 MHz**) CFM Imaging Frequency: 5.0-6.67 MHz Steered Angle: +/-20 . Applications include: Anesthesia, Vascular access, Musculoskeletal, and Interventional. Optional biopsy kit available

Procurement Committee