

Procurement of Medical Devices for University Children Hospital “Tiršova”

IOP/11-2017/RD

Clarification no. 17

Issued on December 11, 2017

Question no.1 for Lot 6 – ICT, UPS and Backup Infrastructure

The tender documentation in the part of LOT 6 ICT Infrastructure, Item 26 Personal Monitor, requirement 16, prescribes the mandatory request energy standard - EPEAT Gold. Since we want to offer a model of the monitor that has integrated speakers, which are not predetermined by the tender documentation, because we consider that the beneficiaries would benefit from the existence of such, and having in mind their negligible additional electricity consumption (5W), is it possible for the Purchaser to give up of this requirement and accept the energy standard EPEAT Silver in this particular case, i.e. when the bidder offers a monitor model with integrated speakers?

Answer 1:

Yes, the energy standard EPEAT Silver is acceptable.

3.3. Ventilator

Question no. 1.

The tender documentation requires

17. Adjustable inspiratory flow and pressure trigger;

Please modify this require into:

17. Adjustable inspiratory flow or pressure trigger;

On the market there is only one manufacturer of neonatal ventilators that can fulfill this feature. In order to enable more bidders to participate in the procurement of equipment, please change the feature as proposed.

Answer 1

The suggestion is acceptable. The request 17. will be changed. The new request will be:

17. Adjustable inspiratory flow or pressure trigger

Question no. 2.

The tender documentation requires

18. Adjustable expiratory trigger in VS, CPAP, NIV, SBT modes;

Please remove this item. By requesting this condition, one manufacturer of ventilators is favored, and others are disabled from participating in the purchase.

Answer 2

The suggestion is acceptable. The request 18. will be excluded.

3.4. – HFO VENTILATOR

Question no. 3.

The tender documentation requires:

6. Internal battery allows work in normal regime up to 2.5 h, and up to 1 h in HFO mode;

Please modify this require into:

6. Internal battery allows work in normal regime up to 30 minutes, extendable with external battery up to 3 h.;

Considering that the required characteristic can be fulfilled by only one bidder, with one ventilator that can be purchased on our market.

Answer 3

The suggestion is not acceptable. There are more models of different manufacturers that fulfill requirement. The purchaser retains the request as it is formulated.

Question no. 4.

The tender documentation requires:

16. HFO ampl 5 - 60 cmH₂O;

Please modify this require into:

6. HFO ampl 5 – 50 cmH₂O

In order to allow other bidders to offer their equipment, because the requested characteristic can be fulfilled by only one bidder in the market of Serbia.

Answer 4

The suggestion is not acceptable. There are more models of different manufacturers that have required range that provides better clinical performance of HFO mode. The purchaser retains the request as it is formulated.

Question no. 5.

The tender documentation requires:

25. Command for oxygen washing (O2 flush) with adjustment 30 - 120 sec;

27. Show gas transport coefficient (DCO2 alarm);

Please remove these items because only one ventilator on the market can fulfill these features, and excludes all other bidders from participating in the procurement

Answer 5

The suggestion for request 25. is not acceptable. There are more models of different manufacturers that fulfill requirement.

The request 27. will be removed from the specification.

Question no. 6.

The tender documentation requires:

30. USB, RS232, video in;

Please modify this require into:

30. USB, RS232

Since video-in is not a standard connection on all ventilators, it does not have wide application and does not exist on most ventilators, ie. only one ventilator has such input.

Answer 6

The suggestion is accepted. The request 30. will be changed. The new request will be:

” 30. USB, RS232 ”

3.6

Question no. 7.

The tender documentation requires:

3. User interface: touchscreen and rotating navigation knob

Please modify this require into:

3. User interface: rotating navigation knob and fixed dedicated buttons

The touch screen monitor is significantly more sensitive and less robust than non-touch screen. With a non-touch screen monitor there is less possibility of incorrect selection of the function or value, since they are not selected by touching the screen, but by placing the marker on the exact desired field. Most of the parameters monitored on the monitor's screen are pre-configured, and there is no often need to change the look of the display, and the dedicated buttons allow you to quickly access the most needed settings, or review the parameters. The most important thing with The patient monitors are possibilities and options for measuring certain parameters, while the touchscreen represents only a small contribution to the comfort, and only in certain situations, while selecting with the rotary knob remains the most reliable working principle with the monitor.

Answer 7 :

The Purchaser already changed request (Clarification no. 6 , Issued on December 1,2017) and remains the request as it is formulated. “User interface: touchscreen and navigation knob, or only touchscreen“

It is common feature of the last generation patient monitors of different manufacturers.

Question no. 8.

The tender documentation requires:

6. High-resolution trends with 2-second viewing for any measured parameter

Please modify this require into:

6. High-resolution trends

To enable all bidders to participate equally in procurement

Answer 8 :

The Purchaser will change the request as follows :

ID 3.6 , paragraph 6 : ‘ High-resolution trends with viewing for any measured parameter ’ .

Question no. 9.

The tender documentation requires:

7. CRG-cardio-respirogram beat-to-beat evaluation of bradycardia and apnea events (High-resolution trends)

Please modify this require into:

7. CRG-cardio-respirogram beat-to-beat or OxyCRG beat-to-beat HR

In order not to favor only one bidder, with one model of patient monitor

Answer 9 :

The Purchaser retains the request as it is formulated.

CRG monitoring shows a correlation between cardiac and respiratory activity, and most of manufacturers have it as the standard feature CRG, with beat-to beat monitoring of parameters and trends . The bidder have opportunity to describe in detail the offered solution in the column "Technical Specification Offered" and prove on which way it is equal or equivalent to requested one.

Question no. 10.

The tender documentation requires:

17. Removable module battery capacity min. 3 h

Please modify this require into:

17. Battery capacity min. 3 h

To enable all bidders to participate equally in procurement

Answer 10 :

The Purchaser retains the request as it is formulated.

It is common feature of the last generation patient monitors of different manufacturers.

Question no. 11.

The tender documentation requires:

19. AEP -2 channels of auditory evoked potentials (AEP)

Please remove this item because only one bidder can fulfill the required feature. To ensure competitiveness in the procurement of equipment, please remove the feature.

Answer 11 :

The Purchaser retains the request as it is formulated.

The title of the equipment ID 3,6 ("Modular monitoring system with continuous neuromonitoring for pediatric patients in critical care") clearly indicate the equipment of specific purpose. AEP is important and helps in diagnose hearing loss and nervous system disorders. The bidder has the opportunity to describe in detail the offered solution in the column "Technical Specifications Offered " and to prove on which way it is equal or equivalent to requested one.

Question no. 12.

The tender documentation requires:

23. Patient spirometry

Please cancel this item because only one bidder can fulfill the required characteristics along with the other features of the monitor required in the documentation. To ensure that all bidders participate in the procurement process equally, please remove the feature.

Answer 12 :

The Purchaser retains the request as it is formulated.

More manufacturers have this function. The characteristic determines the class and quality of the equipment that is chosen. The bidder have opportunity to describe in detail the offered solution in the column "Technical Specification Offered" and prove on which way it is equal or equivalent to requested one.

Question no. 13.

The tender documentation requires:

21. PICCO monitoring including : CCO,CO, SV,CCI,SVI, GEDV,GEDI,ITBV,ITBI,PPV,GEF,CFI,dPmax,SVR,SVRI,EVLW,ELWI,CPO,CPI,PVPI,IBP, Pulse rate, Temperature

Please modify this require into:

21. PICCO monitoring including : CCO,CO, SV,CCI,SVI, GEDV,GEDI,ITBV,PPV,GEF,CFI,dPmax,SVR,SVRI,EVLW,ELWI,PVPI,IBP, Pulse rate, Temperature

To enable all bidders to participate equally in procurement

Answer 13 :

The Purchaser retains the request as formulated.

PiCCO and mentioned monitoring parameters is patented technology and different patient monitor manufacturers bought right to implement this technology on their monitors. The bidder have opportunity to describe in detail the offered solution in the column "Technical Specification Offered" and prove on which way it is equal or equivalent to requested one.

Question no. 14.

The tender documentation requires:

27. SPI monitoring - patient response to surgical stimulus and analgesic medication during general anesthesia (level of analgesia in OR)

Please remove this item because this limits the number of bidders that can offer the appropriate monitor. By requiring this feature, only one bidder for the required equipment is favored.

Answer 14 :

The Purchaser retains the request as formulated.

The suggestion can't be accepted.

The level of analgesia component during anesthesia procedure is undoubtedly one of the main factor that can't be omitted. The bidders have opportunity to describe their equivalent solutions that gives information about level of analgesia during procedure. The analgesia level information helps clinician to adequately maintain therapy (rationally), as well as make easier postoperative patient recovery.

Question no. 15.

The tender documentation requires:

28. Possibility to detect changes in patient's metabolic status caused by septic reactions or injuries etc. and measurement of parameter that helps in determination of nutritive support in patient therapy

Please remove this item because it favors one manufacturer and disable other bidders from participating in the procurement process equally. Removing this characteristic will allow other bidders to submit an appropriate offer.

Answer 15 :

The Purchaser retains the request as it is formulated.

After surgery the monitoring of the postoperative status of patients is crucial in the first 24 - 48 hours. The detection of metabolic changes allows a timely reaction in terms of therapeutic support to the patient needs in order to achieve stability / avoid complications. The option represents objective need and is in line with the way of work and care of children. There are

more manufacturers that have monitors with measurement of VO₂ consumption and VCO₂ production, on which metabolic monitoring is based. The bidders have opportunity to describe in detail in the column "Technical Specification Offered" their offered solution and on which way it is equal or equivalent to requested one.

Question no. 16.

The tender documentation requires:

29. Recorder 4-channels

Molimo vas da ovu stavku izmenite tako da glasi:

29. Recorder 2-channels

Most monitor manufacturers offer the option of connecting or installing 2-channel printers, and in practice it is shown that there is no need to print multiple channels directly from the monitor. If there is a need for a more detailed examination, in practice, an independent ECG device is used, and not a monitor for monitoring vital patient parameters.

Answer 16 :

The Purchaser already changed request (Clarification no. 6 , Issued on December 1,2017) and remains the request as formulated. "Thermal recorder min.3 channels "

It is common feature on many patient monitors of different manufacturers.

Question no. 17.

The tender documentation requires:

31. Barcode reader

Please remove this item in order to enable all bidders to participate equally in the procurement process. This option of a patient monitor does not represent a technological advantage in terms of monitoring the patient's vital parameters, and therefore can not be excluded as a condition for the procurement of equipment.

Answer 17 :

The Purchaser retains the request as it is formulated.

Barcode reader is common feature of the last generation patient monitors of different manufacturers.

Procurement Committee