

**Procurement of Medical Devices for University Children Hospital “Tiršova”**

**IOP/11-2017/RD**

**Clarification no. 6**

**Issued on December 1, 2017**

**Lot 1, General surgery**

**Question 1:** Technical Specification Requested ID1,10 Mobile operating table with electrohydraulic controls. Is it acceptable to offer Mobile operating table with electromechanical controls?

**Answer 1:** Yes, it is acceptable to offer operating table with electromechanical controls.

**Question 2:** Technical Specification Requested ID1,10 under 10. Memory positions. Is it acceptable to offer manual position control?

**Answer 2:** Yes, it is acceptable to offer manual position controls.

**Question 3:** Technical Specification Requested ID1,10 under 18. Antidecubital SFC padding min. 50mm or more.

SFC is brand name. Is it acceptable to offer Antidecubital SFC or equivalent padding min. 50mm or more?

**Answer 3:** Yes, it is acceptable to offer equivalent padding min 50 mm.

**Lot 3 General pediatric departments**

**Question 4:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS, under point 17., for lot 3.6 you have requested the following:

- Monitor system must measure at the same time the following active parameters, via a removable module with battery supply with min 3 h capacity.

Question: The world's leading manufacturers of monitors have the characteristic that the multiparametric module stores the vital parameters of the patient even while the module is switched off from the patient monitor. By reconnecting the module to the patient monitor, these data are transmitted and visible. In this way, every second of vital patient parameters is stored, which is very important for analyzing the condition of the patient to medical personnel. Since you require a multiparametric module with a battery capacity of min. 3 hours, is it acceptable for the Contracting Authority to modify this feature as follows:

"The monitoring system shall measure the following parameters simultaneously, via a multiparameter module with a battery capacity of min. 3 hours and at the same time stores the patient parameters while not connected to a patient monitor, which parameters may be read by connecting to it."?

**Answer 4 :** If more advanced feature is offered , it will be evaluated and accepted.

The Purchaser remains the request as formulated.

**Question 5:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS under point 3 for lot 3.6 you have requested the following:

- User interface: touchscreen and rotating navigation knob

Question: The world's leading manufacturers of monitors for user interface have only a touchscreen with no additional controls in the form of rotating knobs, all with the aim of easier disinfection of the monitor and preventing the retention of dirt around additional keys. This has proven to be a better solution because it is about monitors used in intensive care units and operating rooms. Is a Answer i.e. modification accepted, so this item finally reads:

"User interface via a touchscreen"?

**Answer 5:** The Purchaser will change the request as follows :

ID 3.6 , paragraph 3 : ‘‘ User interface: touchscreen and navigation knob, or only touchscreen’’

**Question 6:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS, under point 8. for lot 3.6 you have requested the following:

- Trend memory min 72 h

Question: The world's leading monitor manufacturers prescribe a trend memory of up to 48 hours, which is enough from a clinical point of view for medical staff to see information about vital patient parameters backwards, and for everything over 48 hours it is recommended to use a central station. Since you are indicating the possibility of connection to the central monitoring system, is a Answer i.e. modification accepted, so this item finally reads:

"Trend memory min. 48h"?

**Answer 6 :** This requirement is a common feature owned by almost all manufacturers of monitors, and all the world's leading monitor manufacturers have at least one model with a trend of min. 72 h.

Central monitoring is not included in this procurement, and the trend data should cover the weekend period when the number of experts at work is reduced. In this way, the intensivist who started the therapy on Friday, and did not work for the weekend, on Monday has the **opportunity** to quickly review the values of the measured parameters and the patient's response to the therapy.

The Purchaser remains the request as formulated.

**Question 7:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS, under point 27., for lot 3.6 you have requested the following:

- SPI monitoring

Question: Instead of measuring the response to surgical stimulus using the Surgical Plethysmographic Index, PHILIPS may offer a solution that performs measurements through the Bispectral Index (BIS) - Monitoring level of consciousness with the compact BISx Power Link and Neuromuscular Transmission Measurement (NMT), through which it may be monitored if the correct dose of analgesics is administered to the patient. Since the request refers to a potential upgrade of the monitor, and at the same time updates to BIS and NMT are requested, please remove this point from the request.

**Answer 7:** Suggestion is not accepted. BIS measurement is related to assessing the hypnotic effects of anesthetic drugs in the brain and NMT measurement is related to assessing the effects of muscle relaxation therapy. The required measurement of the response to surgical stimuli indicates what is level of analgesia (analgesia medication), so that anesthesiologist can correct this component during general anesthesia.

The Purchaser remains the request as it is formulated.

**Question 8:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS under point 28., for lot 3.6 you have requested the following:

- 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

Question: This feature can be fulfilled by only one manufacturer, and it directly violates the principle of competitiveness of the Public Procurement Law. Since only the option of upgrading to this option is requested, it means that this parameter is not of primary importance to the institution. Please remove this item from the specification in order to enable the principle of equity of bidders, as well as the principle of ensuring competitiveness?

**Answer 8:** 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. This option represents objective needs and is in line with the way of work and care of children. There are more manufacturers that have monitors with measurement of VO<sub>2</sub> consumption and VCO<sub>2</sub> production, on which metabolic monitoring is based.

The Purchaser remains the request as it is formulated.

**Question 9:** In your bidding documentation, in lot 3. EQUIPMENT FOR GENERAL PEDIATRIC DEPARTMENTS, under point 29., for lot 3.6 you have requested the following:

Question: The possibility of upgrading to a printer with the ability to print 4 channels is required, while item 32 requires the possibility of upgrading to a laser printer. These two items are in contradiction. Given that the far better option is an upgrade to a laser printer that can print more than 4 channels, we suggest that this item remains as a primary requirement and to delete item 29?

**Answer 9:** Usually, recorder is an integral part of a monitor of this category (built-in recorder), and the laser printer is an external peripheral device. With integrated-recorder printing can be performed during intra-hospital transport and the external laser printer are not practical for this function.

The Purchaser will accept a min. 3-channel thermal recorder on monitor.

The Purchaser change the request as follows:

ID 3.6 , paragraph 29 : ‘ ‘ Thermal recorder min.3 channel ‘ ‘

Procurement Committee