

**PROCUREMENT OF EQUIPMENT FOR GENERAL HOSPITAL IN
ARANDJELOVAC
(PROCUREMENT NO. IOP/60-2021/UHI)
11th April 2022**

Clarification no. 4

Regarding the list of questions that the Employer, Public Investment Management Office Belgrade, No. 11 Nemanjina street, have received from the potential bidders, concerning the procurement procedure: **Procurement of equipment for General Hospital in Arandjelovac** IOP/60-2021/UHI, we give you the following answers:

Question 1:

1. For all positions where 19mm melamine plywood is required, is it possible to use standard melamine plywood, in 18 mm thickness, which is available on our market?

Answer:

The material is Univer d-18 mm

Question 2:

1.8 Worktop with feet

Is it possible to offer a standard metal substructure - four legs / 40x40 mm section / on a metal frame / 40x20mm /, powder coating? If not, please define the metal substructure.

Answer:

Yes, it is acceptable to offer standard metal substructure - four legs / 40x40 mm section / on a metal frame / 40x20mm /, powder coated.

Question 3:

1.10 Worktop

Please define dimension of worktop.

Answer:

Dim. 1500mmX600mmX38mm

Question 4:

1.11 Lower kitchen element with 4 drawers

Please define dim. lower kitchen element?

Answer:

Height 850 mm without work plate, depth 573 mm, width 600 mm

Question 5:

1.12 Lower kitchen element with 3 wire drawers

Please define the dimension of the lower kitchen element?

Is the element made of univer, so there are three wire drawers inside the body, and one door, or are there three wire drawers on slides that have a forehead of melamine faced chipboard? What are the depths of the drawer?

Answer: Height of the element 850 mm, depth of the element 550 mm, width 600 mm. The element is made of univer with three wire drawers with sliders inside, and a door on the outside.

Question 6:

1.13 Wardrobe with 2 doors and shelves

What is meant by microfibers on the top plate? What exactly is it for, what are its dimensions?

Answer: It is a protective cover of the upper part of the wardrobe which is in accordance with the wardrobe dimensions.

Question 7:

Explain the dimension of the counter, what exactly it consists of - is there a drawer and a smaller closed body below, if so, what dimensions? What exactly is the dimension of the glass part, length and height, with stainless steel pillars? What is the cross section of stainless steel pillars? Is the counter straight? Is the countertop made entirely of 18 mm thick melamine faced chipboard, except for the top and worktop of the countertop which are 38 mm thick?

Answer: The counter dimensions 2780x1830 mm, consists of the radial part and work part. It includes a drawer and a smaller closed body. Drawer has dimensions 450mmx550mmx750 mm, smaller closed body dimensions 300mmx550mmx750 mm. The counter is radial, made entirely of d- 18 mm, while the counter plate and the upper plate is d -36 mm

Question 8:

1.31 Office desk

What is the thickness of the top plate coated with HPL?

What exactly is meant by a cable concealment system? Can you give a closer description or sketch?

Answer: Plate thickness 19 mm. Plastic cable guide (size 40x15 mm)

Question 9:

1.33 Low cabinet with one door and lock

What is the thickness of the material from which it is made? Instead of HDF, did you think that it was made of 18 mm univer, and that the backs of HDF were 3 mm thick?

Answer: It is a wardrobe made of univer d- 18 mm, with the back depth 3,2 mm HDF

Question 10:

1.38 Square plate

What is the thickness of the board and from what material is made?

Answer: Thickness 25 mm. The material is HDF

Question 11:

1.50 Info desk for nurses

Counter size?

Can you give a closer description of the counter or a sketch? Does the counter consist of a working part with a drawer and an upgrade? Is the counter straight?

Does the price of the counter include electrical and telephone connections or are they parts of construction work?

If they are an integral part of this position, please give a closer description of what needs to be offered?

Answer: Counter dimensions 1800x700x1050 mm. The counter is straight, with the upgrade, includes a mobile drawer and a fixed cassette with a single door. The price does not include electrical and telephone connections.

Question 12:

1.53 Conference table

Is the conference table entirely made of 18 mm melamine faced chipboard? What exactly is meant by electrical and telephone sockets, give a closer description or picture, if they are part of the table offer?

Answer: The table plate is d- 18 mm, metal carrying construction. The offer does not include electrical and telephone connections.

Question 13:

1.62 Shelf

What is the thickness of the uni from which the shelf is made?

Answer: Uni thickness 25 mm

Question 14:

1.1.Flipchart

The board is required to be wall mounted and the flipchart board is on metal legs. The description gives two dimensions, what do they refer to?

Do you require wall mounted magnetic board with aluminum frame?

Answer: The board can be mounted on the wall. There are two dimensions of which the first is the board dimension while the other one is the height including the legs.

Yes, we require wall mounted magnetic board with aluminium frame.

Question 15:

1.6. Coat and hat stand

Is there a picture of the requested item? Please provide us with more detailed descriptions.

Answer: It is a coat hanger with measurements 1400 x 650 x 350 mm for hanging coats and hats, it is made of black tubes and flat steel, laminated according to RAL palette. Picture attached.



Question 16:

1.19. Letter shaped curtain, angular.

Are you requiring medical privacy screen, and in what dimension? (Is it one-piece / two-piece / three-piece?)

Answer: Angular three piece screen ; dim. 1,8 x 1,59m(3 x 50 cm width segment) ,Metal frame with invisible fabrics.

Question 17:

1.22. Waiting room chair

Is it a one-seater / two-seater, three-seater?

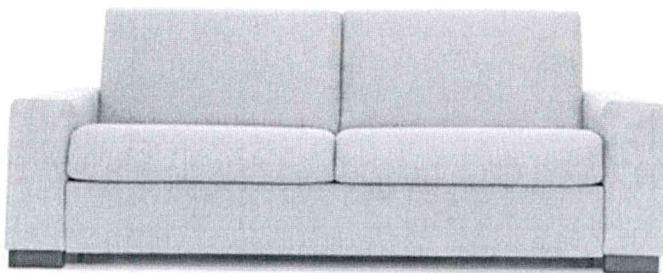
Answer: They are three-seaters because the room space allows it. Furthermore, they are more stable and take up less space.

Question 18:

1.23. Three-seater for the relaxation

Should three-seater be stretchable?

Answer: It is a fixed three-seater and it does not need to be converted. Picture attached.



Question 19:

1.27. 50 L Clinical waste bin without castors and 1.28. 20 L –Non-clinical waste bin without castors

The same dimension is given for both bins, and the capacity is different.
Bucket in position 1.27. –should it be for medical waste, since it says that it will be used in the administration?

Answer: They do not need to be intended for medical waste because of their intent

Question 20:

1.32. Trolley for Instruments

The name of the position is the instrument trolley, and there is a description of cleaning trolley, similar as in position 1.70-Cleaning trolley.

What should we offer in position 1.32. -cleaning trolley or an instrument trolley?
Can you give us a picture of the required good, since the it is required to have a metal frame with MDF.

Answer: They are instrument trolleys. The instrument trolleys are have metal construction made of inox covered with MDF and castors.

Question 21:

1.46-Armchair

Is there a picture of the requested item?

Are you looking for a rocking chair because of specified inclination?

Answer: The armchair is not swing type. The seat inclination is indicated which is in accordance with ergonomy rules. Picture attached.

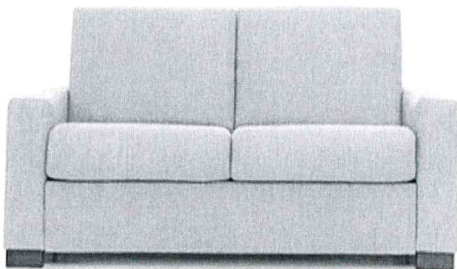


Question 22:

1.47-Two-seater for the relahation

Should two-seater be streachable?

Answer: It is a fixed two-seater which does not need to be converted. Picture attached.



Question 23:

1.55-Flat screen holder

Is there an approximate diagonal of the screen for which the holder is required?

Answer: The holder is universal for monitors with size up to 55". Picture attached.



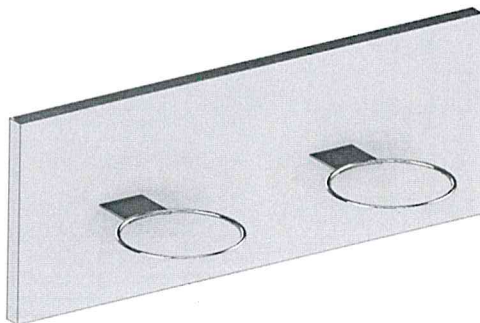
Question 24:

1.56. Waste needles bin holder

Is there a picture of the requested item?

Answer: Picture attached.

Waste needles bin holder (bin volume 2-3 lit.)

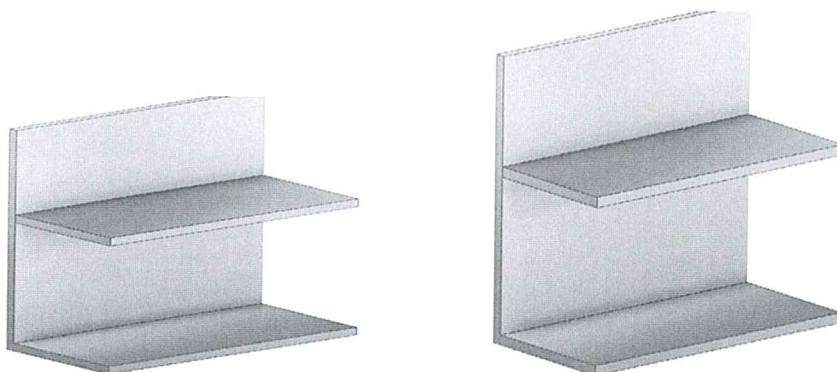


Question 25:

1.57.-Equipment holder

Is there a picture of the requested item?

Answer: Picture attached

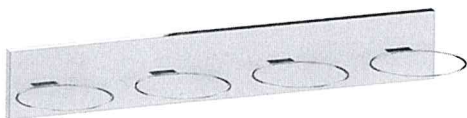


Question 26:

1.58.-Waste needles bin holder(bin volume 2 lit)

Is there a picture of the requested item?

Answer: Picture attached



Question 27:

1.76. Ceramic mounting plate

Are you asking for glass ceramic built-in heating plate with two heating places?

Answer: : Yes. It is a glass ceramic built-in heating plate with two heating places.

Question 28:

Following the detailed analysis of the technical requirements, we would like to propose changes on requested characteristics related to the LOT 1, Line Item No. 53 Anesthesia device:

1. ID 1: Dedicated for anesthesia for neonates, children and adults, without changing components (sensors)

All modern anesthesia devices have ability to change components, especially sensors. Please change to: Dedicated to anesthesia for neonates, children and adults.

Answer: Purchaser accepts explanation and it will amend technical explanation.

2. ID 5: Backup O2 cylinder (10 lit. capacity) can be mounted on the back of the device

Request for a single 10 lit. capacity is very specific and limiting as different manufacturers have an ability to mount various cylinder sizes with multiple storage spaces. Please change to: Backup O2 cylinders can be mounted on the back of the device.

Answer: Purchaser accepts explanation and it will amend technical explanation.

3. ID 11: device has option to predict and display concentration of anesthetic agent

Prediction of concentration of anesthetic has no medical significance, please change to: device has option to display concentration of anesthetic agent.

Answer: Purchaser accepts explanation and it will amend technical explanation.

4. ID 14: device has possibility for low-flow and minimal-flow anesthesia

Minimal-flow anesthesia has the ability to perform identical to minimal-flow anesthesia in terms of gas and anesthetic volume, so request for both features is technically redundant. Please change request to: device has possibility for low-flow or minimal-flow anesthesia

Answer: Purchaser accepts explanation and it will amend technical explanation.

5. ID 20: possibility for mechanical ventilation with ambient air even in case of medical gas supply failure (central gas supply and cylinders) - (electrically driven and electronically controlled ventilator

Due to different technologies existing on the market please change request to: electrically or pneumatically driven and electronically controlled ventilator.

Answer: Purchaser accepts explanation and it will amend technical explanation.

6. ID 23: reusable CO2 absorber, minimal volume 1,5lit

Requested volume for reusable CO2 absorber severely limits the competition. Please change request to: reusable CO2 absorber, minimal volume 1,3lit

Answer: Purchaser accepts explanation and it will amend technical explanation.

7. ID 34: Tidal volume: 20ml to minimal 2000ml

Requested high value for tidal volume has no medical benefit as typical tidal volume used in adult patients is 500 to 700ml. Please change request to: Tidal volume: 20ml to minimal 1500ml

Answer: Purchaser accepts explanation and it will amend technical explanation.

8. ID 35: breathing frequency: from 3 to minimal 100/min

Slow breathing is defined as 4 to 10 breaths per minute, lower value then stated has no medical use. Please change request to: breathing frequency: from 4 to minimal 100/min

Answer: Purchaser accepts explanation and it will amend technical explanation.

9. ID 36: PEEP: 2 to minimal 35 cm H2O

Typical PEEP values in clinical use are from 5 to 25 cmH2O, below or above that value has very limited or no clinical value. Please change request to: PEEP: 4 to minimal 30 cm H2O

Answer: Purchaser accepts explanation and it will amend technical explanation.

10. ID 38: Pressure support: 70 mbar

Requested pressure support value is extremely high and very dangerous for patient lungs as typical values for pressure ventilation are 15 to 20 mbar. Pressure of 40 mbar and higher can cause damage to lungs. Please change request to: Pressure support: 38 mbar

Answer: Purchaser accepts explanation and it will amend technical explanation.

Question 29:

11. ID 39: I:E minimal range: 1:5 - 5:1

Requested I:E range is inverse and more suitable for ventilator of intensive care, and not anaesthesia device. For anaesthesia, prolonged I:E ratio helps better sedate the patient and is preferred in order to reduce air trapping in airways. Please change request to: I:E minimal range: 2.1 – 1.8

Answer: Purchaser accepts explanation and it will amend technical explanation.

12. ID 40: adjustable flow trigger 0,3 - 15 l/min

Flow trigger in anaesthesia is typically 1 to 2 l/min, with typical maximum of 5 l/min. Please change request to: adjustable flow trigger 0,3 - 10 l/min

Answer: Purchaser accepts explanation and it will amend technical explanation.

13. ID 41: inspiratory flow 180 l/min

Inspiratory flow higher than 120 l/min are clinically irrelevant due to human physiology and lung volumes, please change to: inspiratory flow 120 l/min

Answer: Purchaser accepts explanation and it will amend technical explanation.

14. ID 49: logbok, with anesthetic gas consumption

Request is unclear as logbook has a broad meaning. As goal of modern anaesthesia is to optimize the use of anaesthetic agents, please change the request to: Anaesthetic gas consumption with possibility to track patient responses to anaesthetic during surgery.

Answer: Purchaser accepts explanation and it will amend technical explanation.

15. ID 54: Programable self-test, that can be started on programed time

In order to properly perform machine self-test, anaesthesiologist must be present and setup the machine prior to test. As a result self-test at programmed time has no purpose. Please change request to: semi-automated self-test.

Answer: Purchaser accepts explanation and it will amend technical explanation.

16. ID 60: Monitor has rotary knob to navigate around the screen, select and confirm function. Also has a separate fixed button next to the screen for the following functions:

- pause sound alarm
- start NIBP measurements
- enter trends
- freezing curves on screen
- printing on the integrated printer
- enter the main menu

As there is request for a touch screen monitor, fixed buttons are redundant. Please change request to:

Monitor has rotary knob to navigate around the screen, select and confirm function.

Also has a the following functions:

- pause sound alarm
- start NIBP measurements
- enter trends
- freezing curves on screen
- printing on the integrated printer
- enter the main menu

16. ID 61: Monitor can show on display 13 or more curves

Request severely limits competition as this amount of curves displays at one time has no clinical value. Please change request to: Monitor can show on display 12 or more curves

Answer: Purchaser accepts explanation and it will amend technical explanation.

17. ID 63: Integrated 3-channel recorder with recordin types:

- Continuous real-time recording
- 8/20 seconds real-time recording
- Trend graph recording
- Trend table recording
- NIBP review recording
- Arrhythmia review recording
- Alarm review recording
- Frozen waveform recording

- Drug calculation titration recording

For space saving purpose many manufacturers don't have integrated recorder, but modular solution or standalone solution. Please change the request to:

Integrated 3-channel recorder or standalone thermal printer

Answer: Purchaser accepts explanation and it will amend technical explanation.

18. ID 65: Monitor has modules for measurement of following parameters:

- ECG
- NIBP
- SpO2 – saturation
- temperature
- 3 IBP
- BIS - BIS EEG waveform, BIS trend and parameters: BIS, SQI, SR, SEF, TP

BIS is a proprietary technology that limits competition. Different manufacturers have different technologies to measure patients state of brain during anaesthesia. Please change request to:

Monitor has modules for measurement of following parameters:

- ECG
- NIBP
- SpO2 – saturation
- temperature
- 3 IBP
- BIS or Entropy or similar.

Answer: Purchaser accepts explanation and it will amend technical explanation.

Question 30:

Can you clarify what you mean by **Complementary hospital service (furniture, laundry and kitchen)** for additional conditions for Lot 2?

Answer: Additional conditions (Business Capability, Personnel Capability, and Technical Capability) for Lot 2 - Complementary hospital service (furniture, laundry, and kitchen) - are stipulated in the Tender documentation, Section III Evaluation, and Qualification Criteria, Clause 1. Evaluation criteria (ITB 35.3) (d), under point 2. Postqualification requirements:

Additional conditions for Lot 2 – Complementary hospital service (furniture, laundry, and kitchen), on pages 44-45/96

Public Procurement Committee



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