

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

LOT 2: CYTOPATHOLOGY LABORATORY EQUIPMENT

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**Columns 1-2 are completed by the Contracting Authority
Columns 3-4 to be completed by the tenderer
Column 5 is reserved for the evaluation committee**

Annex III - the Tenderers technical offer

The tenderers are requested to complete the template on the next following pages:

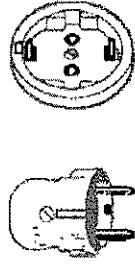
- Column 2 is completed by the Contracting Authority and shows the specifications of the goods required (any modification applied by the tenderer may lead to the disqualification of the Lot so modified).
- Column 3 to be filled in by the tenderer and must detail what exactly is offered and name of manufacturer (for example the words "compliant" or "yes" are not sufficient).
- Column 4 allows the tenderer to make comments on his proposed goods and also to make reference to his documentation

The tenderers are required to demonstrate that specifications of the items that they offer are responsive to the requirement set out in the tender dossier and to identify model and manufacturer of each individual item in their technical offer and to provide necessary documentation such as catalogues, brochures, booklets that inform of details of technical specifications that sufficiently define the equipments being offered, and thus should enable the contracting authority to check the information provided in the technical offer. Offers that do not permit to identify precisely the models and the specifications quoted may be rejected during evaluation.

MANDATORY REQUIREMENTS FOR LOT 2

Main supplies Electricity 220-230 Volt single phase, 380 Volt three phase, Frequency 50 Hertz.

All equipment connected to an electrical outlet shall be provided with a solid "Schuko" Plug.



Ambient temperature: 40°C (hot zone)

Humidity: 70-80%

Altitude: Sea level

All equipment shall be delivered complete with all accessories, cables, plugs and sockets, required for operation including any software driver and manuals.

WARRANTY:

During the 1 year warranty, the tenderer must ensure the technical support locally, capable of solving any problem on site with a response time of less than 24 hours.

COMMERCIAL WARRANTY:

All items supplied in this Lot shall include full **manufacturer's commercial warranty** granted for a minimum of two (2) years from **provisional acceptance**. The commercial warranty provided shall be described in detail in the tender.

STANDARDS:

All equipment should be from a branded source with a certified quality assurance system and have the following certifications:

- International Standard Organization (ISO);

- CE marking

Tenderers shall ensure conformity of the equipment with all applicable Serbian (Medicines and Medical Devices Agency) and EU technical regulations.

All equipment shall fully comply with international safety measures and regulations.

TRAINING:

The tenderer has to organize appropriate user training in Serbian language for effective and problem-free use of the equipment included in this LOT in each of the location mentioned in the distribution list below.

A **training proposal** for the operation of the equipment will be submitted by the tenderer in the tender.

This proposal shall include at least:

- Schedule and duration
- Description of training materials

MARKING AND LABELING

All equipment shall be marked with labels in English bearing the EU logo as per EU visibility Guidelines. See special conditions for additional details.

VISIBILITY

The contractor must be familiar and comply with the objectives and priorities, as well as guarantee the visibility of EU financing (see the Communication and Visibility Manual for EU external actions specified and published by the European Commission at http://ec.europa.eu/europeaid/work/visibility/index_en.htm). In addition to these standard visibility provisions, the consultant should install a commemorative metal plaque on the entrance to the institution where the equipment is to be placed, providing information on the EU donation. The Contractor shall produce a draft of the layout and submit it for approval to the Contracting Authority prior to production/delivery. The Contracting Authority shall also advise the successful bidder on the exact dimension, layout, colour regime and wording/symbols of self-adhesive stickers marking each piece of equipment and the commemorative plaque upon contract signature.

DOCUMENTS:

The following documents shall be delivered for all equipment:

- Service and operation manuals in English and Serbian language.
- Execution guidance / installation drawings.
- Certificates of compliance to safety norms and standards and/or trial test results at the manufacturer's facility.

TECHNICAL SPECIFICATIONS:

1. Item Number	2. Specifications	3. Specifications Offered	4. Notes, remarks, ref to document- ation	5. Evaluation Committee's notes
2.1	Laboratory Light Microscope with Digital Camera			
	Quantity: 15 (fifteen)			
	Light microscope with long-life LED illumination (100000h)			
	Photo tube, ergonomic, with pupilar distance regulation approx. 55-75 mm, constant focus, 50/50% light prism			
	Regulated LED illumination intensity for transmitted light microscopy			
	Precise adjustable mechanism for fine focus			
	Focus-stop module to prevent brakeing the slides			
	Adjustable torque focusing module			
	Eyepieces 10x, each with adjustable eyerings, at least 20 mm field of view			
	Ceramic coated movable table, right/left hand use, changeable by user			
	Objective turret for 5-6 objectives			
	Standard condenser, color coding, 2,5x – 100x			
	Brightness synchronized objectives: 2, 2,5x/0.07, 5x/0.12, 10x/0.25, 20x/0.40, 40x/0.65, 100x1.25 oil			

technical specifications – lot 2

1. Item Number	2. Specifications	3. Specifications Offered	4. Notes, remarks, ref to document- tation	5. Evaluation Committee's notes
	Possibility to upgrade LED fluorescent illumination			
	Digital camera, min.resolution 7 Mpixel (3072x2304)			
	Live image in full size 2048x1536, min. 12 frames/sec.			
	Pixel size 3.2 x 3.2			
	Colour filter RGB			
	Colour depth 30 bit			
	Dynamic range >55dB/600:1			
	Firewire–IEEE 1394b live image PC connection			
	Supported OS: Win 7, Win XP, Win Vista			
	Point to point measurement software			
	Annotation of live and captured image (making notes and descriptions on images			
	Automatic calibration of measurement system			
	Optical C-mount – microscope and camera interface			
	User manual English + SERBIAN			
	Dust cover			

1. Item Number	2. Specifications	3. Specifications Offered	4. Notes, remarks, ref to documenta- tion	5. Evaluation Committee's notes
	Commercial Warranty (minimum two years)			
	Training			
2.2	Laboratory Light Microscope with Double tube			
	Quantity: 3 (three)			
	Specification identical with Point 4.1, however without Camera inclu- sions			
	Commercial Warranty (minimum two years)			
	Training			
2.3	Laboratory Light Microscope			
	Quantity: 30 (thirty)			
	Light microscope with long-life LED illumination (100000h)			
	Binocular tube, ergonomic, with poplar distance regulation approx. 55 to 75 mm and constant focus			
	Regulated LED illumination intensity for			
	Precise adjusting mechanism for fine focus			
	Focus-stop module to prevent slide brakage			



technical specifications – lot 2

1. Item Number	2. Specifications	3. Specifications Offered	4. Notes, remarks, ref to document- tation	5. Evaluation Committee's notes
	Adjustable torque focusing module			
	Eyepieces 10x, each with adjustable eyerings			
	Ceramic coated movable table, right/left hand use, changeable by user			
	Turret for 5 objectives			
	Standard condenser colour coding 2,5x – 100x			
	Brightness synchronized objectives: 2,5x/0.07, 10x/0.25, 20x/0.40, 40x/0.65, 100x/1.25 oil			
	Dust cover			
	Commercial Warranty (minimum two years)			
	Training			
2.4	Glass Coverslipper for Cytology Labs			
	Quantity: 15 (fifteen)			
	Table top			
	Fully automatic			
	Up to 400 clear, precise, bubble free slides/h			
	Slide baskets holding 19 or 30 slides			

technical specifications – lot 2

1. Item Number	2. Specifications	3. Specifications Offered	4. Notes, remarks, ref to documen- tation	5. Evaluation Committee's notes
	Coverslips accepted: 40, 50, 55, 60 mm long			
	Integrated fume control system			
	Easy to operate touch pad			
2.5	Autostainer			
	Quantity: 15 (fifteen)			
	Linear			
	Table top			
	Small footprint			
	Fully automatic			
	Up to 2000/day			
	Integrated fume control system			
	Slide basket and hanger: stainless steel			

LOT 2 delivery installation and training list

Places of delivery and installation LOT 2		2.1	2.2	2.3	2.4	2.5
Zrenjanin Primary Health Centre		1	0	2	1	1
Novi Sad Clinical Center of Vojvodina, Center for Pathology and Histology		1	0	0	0	0
Novi Sad Primary Health Centre		0	0	1	1	1
Sremska Mitrovica Primary Health Centre		1	0	1	1	1
Belgrade Clinical Centre of Serbia, Clinic for Gynecology and Obstetrics		1	1	1	1	1
Belgrade Clinic for Gynecology and Obstetrics "Narodni Front"		1	1	1	1	1
Belgrade Zemun Clinical Hospital Centre		1	0	0	0	0
Belgrade Zemun Primary Health Centre		0	0	1	1	1
Požarevac Primary Health Centre		1	0	1	1	1
Valjevo Primary Health Centre		1	0	1	1	1
Kragujevac Primary Health Centre		1	0	1	1	1
Užice Primary Health Centre		1	0	1	1	1
Kraljevo Primary Health Centre		1	0	1	1	1
Kruševac Primary Health Centre		1	0	1	1	1
Niš Clinical Centre Clinic for Gynecology and Obstetrics		0	1	0	0	0
Niš Primary Health Centre		1	0	1	1	1

Places of delivery and installation LOT 2		2.1	2.2	2.3	2.4	2.5
Subotica Primary Health Centre		1	0	1	1	1
Leskovac Primary Health Centre		1	0	1	1	1
Indija Primary Health Centre		0	0	1	0	0
Beograd Voždovac Primary Health Centre		0	0	1	0	0
Belgrade Palilula Primary Health Centre		0	0	1	0	0
Belgrade Novi Beograd Primary Health Centre		0	0	2	0	0
Belgrade Stari Grad Primary Health Centre		0	0	1	0	0
Belgrade Rakovica Primary Health Centre		0	0	1	0	0
Belgrade Vračar Primary Health Centre		0	0	1	0	0
Belgrade Zvezdara Primary Health Centre		0	0	1	0	0
Šabac Primary Health Centre		0	0	1	0	0
Pirot Primary Health Centre		0	0	1	0	0
Vranje Primary Health Centre		0	0	1	0	0
Pančevo Primary Health Centre		0	0	1	0	0
Kikinda Primary Health Centre		0	0	1	0	0

