

कार्यालय महानिदेशक, चिकित्सा एवं स्वास्थ्य सेवायें, उ०प्र० लखनऊ ।

(सी०एम०एस०डी०, अनुभाग-८)

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संख्या:-८फ/क्यू०सी०-७७६/१२०७

लखनऊ: दिनांक: ०४ जून, २०१६

संशोधित निविदा सूचना

महानिदेशालय पत्र संख्या-८फ/क्यू०सी०-७७६/६९७, दिनांक ११.०५.२०१६ द्वारा मात्रा अनुबंध के अंतर्गत प्रदेश के राजकीय चिकित्सालयों में स्थित पैथालाजी लैब के उच्चीकरण/सुदृढीकरण हेतु उपकरणों/साज-सज्जा सामग्री की आपूर्ति/स्थापना कराये जाने हेतु निविदा आमंत्रित की गयी थी।

उक्त निविदा के अंतर्गत पूर्व में दिये गये सभी उपकरणों के मानकों को निम्नवत् संशोधित पढ़ा जाय :-

TECHNICAL SPECIFICATIONS OF ELISA READER CUM WASHER

ELISA READER

1. System should be windows operated with touch screen LC display.
2. System should have multiple calculation modes like Abs, cut-off, curve, linear, long and exponent regression.
3. System should have plate-shaking features adjustable in time and speed.
4. System should have ability to communicate with PC for data management.
5. System should have an internal modem for remote maintenance.
6. System should have additional lamp saving features.
7. System should have large memory to store test protocol and patient result.
8. System should have measured photometric range from 0.00 - 3.5 Abs.
9. System should not have less than four wavelength filters like 405, 450, 492, 630.
10. System should have RS-232 port.
11. System should have power supply AC 110-220 V +/-10%; 50-60 Hz.
12. System should be USA FDA certified/EUROPEAN CE.

WASHER

1. System should have washing facilities for flat, round, V bottom strips and plate.
2. System should have a large LCD display.
3. System should have a capability for monitoring vacuum and pressure. Washing pressure volume and time should be adjustable.
4. System should have an automated rinse cycle.
5. Number of washing cycle should not be less than 50.
6. System should have liquid level sensor and alert.
7. System should have adjustable multiple strip washing facility.
8. System should have a memory to store at least 40 washing protocol.
9. System should have serial port interface.
10. System should be USA FDA certified/EUROPEAN CE.

For Operational Support

- 1- Sine wave one KVA UPS with 4 Hrs. battery backup.
- 2- Fixed and variable pipettes.
- 3- Fixed range 5µl, 10µl, 50µl, 100 µl, 500 µl, 1000 µl variable range 2-20 µl, 20-100 µl, 100-1000 µl. Bidder will provided Service and application support for smooth running and functioning of lab and AC as per requirement of consignee with the instrument at free of cost. Minor Interior Work installation of medical equipment will be done by bidder at his own cost.
- 4- Since Elisa Reader instrument is sophisticated instrument & dedicated staff is required for better functioning and long term maintenance of instrument. Hence one trained manpower has to be provided.

SPECIFICATION OF BLOOD GAS ANALYZER

- 1- Should measure pH, pCO₂, pO₂, Sodium, Potassium, Calcium & Chloride, total hemoglobin, Haematocrit and oxygen saturation. The parameters can be activated and deactivated individually for measurement.
- 2- Should have automatic calibration. Should be liquid calibration based system.
- 3- Should not be a cartridge based system.
- 4- Should have high volume reagent container.
- 5- Should require low sample volume for pediatrics sample minimum sample volume should not be more than 100µl.
6. It should have maintenance free electrodes.
7. It should have large color screen with graphic user interface and easy to understand icons.
8. System should provision for running quality control sample.
9. System should have alarming system for reagent consumption/Level.
10. Barcode reader should be standard accessory.
11. Should be able to accept both syringe and capillary samples. The Measurement should start automatically.
12. Should have in built low noise printer.
13. Should be USFDA approved.
14. Bidder will provide Service and application support for smooth running and functioning of Lab, Centrifuge, Incubator, Water bath and AC as per requirement of consignee with the instrument at free of cost Minor Interior Work for installation of medical equipment will be done by bidder at his own cost.
15. One KVA sine wave UPS to be provided.
16. L.I.S. software should give for blood gas test along with sample Bar code and online reporting system and S.M.S. alert to patient report is ready.
17. One Trained man power for each unit should be provided for better functioning of instrument.

SPECIFICATIONS OF TRINOCULAR MICROSCOPE WITH PHOTOGRAPHIC CAMERA ATTACHMENT AND LED WITH COLOR CORRECTED INFINITY OPTICAL SYSTEM WITH LED FLUORESCENCE-:

1. Simple switching between "FL" and "BE" E-LED to employ bright field transmitted light techniques or fluorescence reflected light techniques freely according to requirements.
2. Color Corrected infinity optical system, Anti-fungus.
3. Microscope stand with coaxial fine and coarse focusing mechanism.
4. Coarse motion Torque adjustable upper stage drive stop incorporated.
5. Trinocular Eyepiece Tube, Siedentopf design, 30 inclined 360* rotatable, swiveling, IPD 55 to 75mm, Eyepiece High Eye point WFPL10X/20mm with Diopter adjustment on both eyepieces & Rubber eye cups (Pair).
6. Reversed quintuple nose piece.
7. CCIS EF-N plan Achromat Objective 4X/CCIS EF-N Plan Achromat Objective 10X/CCIS EF-N plan Achromat objective 40X/0.65 spring loaded CCIS EF-N Plan Achromat objective 100X/1.25 Spring loaded, Oil Rectangular Mechanical Stage. Cross travel ranges of 76 X 50 mm in x & y direction with vernier scale, Hard coated right hand control.
8. Abbe condenser, NA 0.9 with iris diaphragm and Slot for Dark Field and Phase slider.
9. Built in Koehler illumination with 3W LED illumination Pre-centered lamp mount and intensity control.
10. Under intelligent auto ON/OFF mode the illumination light will turn off automatically when the user leaves the microscope and turn on immediately once the user is back.
11. The whole System Should be US FDA or European CE approved.
12. Manufacturer/Supplier should have ISO 13485 certificate for quality standard

EPI-FLUORESCENCE LED MODULE

1. Blue-light LED (455nm) class 3B.
2. Interlock feature with magnetic switches to protect users from LED leaking.
3. Adjustable LED intensity for BF & FL.
4. BF/FL switching rotary knob to "FL"
5. Instant on/off without waiting
6. Built-in-indicator lamp for BF/FL
7. Fluorescence Filter Block-Blue Excitation
8. Power supply, electrical wire, fixing screw.
9. Light blocking slider.
10. Supporting Bracket.
11. Dust Cover.

MICROSCOPIC DEDICATED SCIENTIFIC DIGITAL CAMERA 5 MEGAPIXELS WITH IMAGING SOFTWARE:

- 1- C Mount Adaptor
- 2- High resolution Digital camera with ½" CMOS chip
- 3- USB 2.0 PC connection
- 4- Real Time Live Image (resolution:3 mega pixels 2048X1536 pixels)
- 5- Motic Images Plus 2.0 Software.
- 6- Instant Image Capturing.
- 7- Real time full screen image.
- 8- Programmed interval Captures.
- 9- Video capture by Time settings.
- 10- Easy Measurement calibration.
- 11- Measurement in microns, inches, millimeters.
- 12- Length Measurements.
- 13- Ellipse, Rectangle, Irregular Shape Measurements.
- 14- Perimeter, Radius, Circumference Measurements.
- 15- Angle Measurements.
- 16- Magnifier (zoom) function.
- 17- Distant Image sharing.
- 18- On-line files sending/receiving.
- 19- Sound recording.
- 20- Image Amalgamation.
- 21- Image Adjustment Effects.
- 22- Automatic Cell Counting.
- 23- Data Export.
- 24- Report Generating and Print Out.
- 25- Interactive File Format.

Note: Bidder will provide service and application support for smooth running and functioning of Lab and AC as per requirement of consignee with the instrument at free of cost. Minor Interior Work for installation of medical equipment will be done by bidder at his own cost.

TECHNICAL SPECIFICATIONS OF HISTOPATHOLOGY EQUIPMENT'S AUTOMATIC TISSUE PROCESSOR (HISTOKINATE)

1. Microprocessor controlled Tissue Processor with 9 freely selectable programs.
2. User programmable parameters like infiltration time, delay time, agitation on-off and single basket operation.
3. Programmable infiltration time from 5 minutes to 99 hours 59 minutes in 1 minute increments.
4. Delayed start up function to a maximum of 9 days.
5. Drain time of 60 second in each station to reduce carry over contamination.
6. Glass Reagent containers of min. 1 liter with seals to minimize evaporation and exposure the hazardous fumes.
7. Agitation in 3 second intervals with on/off function for thorough and even mixing of reagents.
8. Maximum tissue processing capacity of 110 tissue cassettes using with single basket operation.
9. Maximum safety concept with automatic immersion of the tissue basket into the beaker in case of power failure.
10. Audible alarms, error message and warning codes for maximum safety.
11. Wax bath over temperature (at 750 C) and under temperature cut-off facility for the safety of tissues.
12. Electronic locking facility to avoid inadvertent operation.
13. Facility of manual lifts the carousel and removable tissues in case of long power Failures.
14. System should be USA FDA or EU CE approved.
15. Manufacturer/Supplier should have ISO 13485 certificate for quality standard.

MICROTOME

1. Ergonomically located coarse feed wheel for fatigue – free operation
2. Extremely smooth-running hand wheel due to patented spring-based forced balancing system.
3. Two safety locking mechanisms on the hand wheel
4. Section thickness setting range-0.5-60µm
5. Trimming thickness ranges – 10-50 µm
6. Total horizontal specimen feed – 25mm
7. Vertical stroke length – 59mm
8. Specimen retraction: ON/OFF
9. Specimen orientation – horizontal 80 & vertical 80
10. Coarse feed wheel turn direction: user selectable
11. Single – handed operation specimen clamps
12. Facility to use cassette clamps also
13. Precise knife holder lateral adjustments ensure that the entire width of the blade can be utilized.
14. Universal knife holder base for difference knife holders
15. Disposable blade holder with integrated safety finger protection guard.
16. Should have US FDA or European CE approved.
17. Manufacturer/Supplier should have ISO 13485 certificate for quality standard.

DIGITAL HOT PLATE

- 1- It should be a compact dimensions for ease of operation and high standards of convenience paraffin embedding station.
- 2- The separately & heated paraffin dispensing system with an integrated filter should provide constant reproducible paraffin flow at different flow rate settings.
- 3- All instrument functions-including the automatic starting time-are individually programmable at the press of a button.
- 4- The temperature should be displayed digitally.
- 5- Should have BIS and ISO 13485 certification.

DIGITAL WATER BATH

- 1- It should be a water bath with a surface that provides high thermal conductivity rates and outstanding scratch resistance due to its special plastic coating.
- 2- Temperatures can be selected between ambient and 75°C. To increase safety and reliability it should have features an overheating protection system along with a stand-by mode.
- 3- The broad oversized rim of the water bath should allow convenient storage for microscope slides and the rounded inner corners of the instrument should allow it to be cleaned easily and efficiently.
- 4- The jet black surface with scratch-proof plastic coating to provide better contrast to identify sections and an easy to clean surface.
- 5- Should have LED display for programmed & current temperature and visual indication when the temperature exceeds above 44°C.
- 6- Membrane keyboard should be less sensitive to water and paraffin contamination and more easily cleaned.
- 7- Should have BIS and ISO 13485 certification.

DIGITAL WAX BATH

1. Should have a capacity of 15 kg.
2. Should have provision for lid (non metallic).
3. Should be digital wax bath.
4. Should be provided with power and thermostat indicators.
5. Thermostat control: 1-100 C
6. Should have Direct Heating facility.
7. Should have BIS and ISO 13485 certification.

उक्त निविदा की समय सारणी को निम्नवत् संशोधित किया जाता है :-

<i>संशोधित समय सारणी, क्यू0सी0-776</i>	
<i>विवरण</i>	<i>दिनांक व समय</i>
निविदा विक्रय की तिथि	20 मई, 2016 से 14 जून, 2016 तक
निविदा पड़ने की तिथि	15 जून, 2016 को अपरान्ह 2.30 बजे
निविदा खुलने की तिथि	15 जून, 2016 को अपरान्ह 3.00 बजे

(सुरेश चन्द्र)
निदेशक (भण्डार)

संख्या:-8फ / क्यू0सी0-776 / 1208-10

तद्दिनांक ।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

1. इं0 अवधेश रावत, एन.आई.सी. उ0प्र0 लखनऊ को इस आशय से प्रेषित कि निविदा की संशोधित सूचना को वेबसाइट :- www.dghealth.up.nic.in एवं www.uphealth.up.nic.in पर अपलोड करने का कष्ट करें।
2. संयुक्त निदेशक (मुख्यालय), स्वास्थ्य भवन, लखनऊ / नोटिस बोर्ड पर चस्पा हेतु।
3. प्रभारी, कम्प्यूटर सेल, कार्यालय, प्रमुख सचिव, चिकित्सा स्वास्थ्य एवं परिवार कल्याण, उ0प्र0 शासन।

(सुरेश चन्द्र)
निदेशक (भण्डार)