



NATIONAL INSTITUTE OF UNANI MEDICINE

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(An autonomous body under Govt. of India, Ministry of AYUSH)

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Date. 13/02/2018.

(Procurement of Hospital Equipment)

To,

Subject: Invitation of re- quotation for supply of Instruments/ Items for Ilmul Advia : – reg.

Sir,

With reference to the subject mentioned above, Quotations are invited from reputed registered dealers for the supply of Hospital items as detailed below.

Sl. No	Name of the Items	Specification /Make	Quantity Required.	Amount (₹)	Total GST Amount (₹)	Grant Total (₹)
01	Fully Automated Hematology Analyzer	Parameters: WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, SCT, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PLT Principle: Electrical resistance for counting WBC, RBC and PLT Operating Environment: Temperature: 15 ⁰ C – 35 ⁰ C Humidity: ≤80% Sample Values: Whole blood – 9.8μL; prediluted blood – 20μL Throughout: Up to 60 samples per hour Dimensions: 478mm (L) x 330mm (W) x 395mm (H) Weight: 22.49kg Reagent packs: Diluents – 20L, Lyse – 0.5L, Cleanser – 1L, Concentrated Cleanser – 100ml	01 No			
02	Digital Muffle Furnace	Max. Temperature -1800 ⁰ c Working temp.-1700 ⁰ c Heating Element- Molybdenum Silicide (MoSi2) Power supply- 220/440Volt Temperature controller- PID	01 No			

		<p>controller Temperature accuracy= +/- 1 °c (+/- 1.8 °F) Display - LED/LCD Display Stabilizer – As standard Accessories: 1-Provision for printer 2- Data longer 3- Safety switch on door 4-Temperature chart recorder 5-Extra port gas- Extra heating element & rod with clips 6-Extra thermocouple 7-Tongs 8-Gloves</p>				
03	Infra red Thermometer IR 2200	<p>Backlight LCD display High temperature range : -50 ° C to 2200 ° C (-58 °F to 3922 °F) Distance coefficient : 50:1 Type K temp resolution : 0.1° to 2000 °, 1° over 2000 ° Response time : Less than 150 ms Basic accuracy: 2% /°F Emissivity Adjustable : 0.1- 1.0 Spectral response: 0.18 -14um Auto power off : After 7 second Power supply : 9V Battery x 1pc Dimensions and weight : 260x 155x54mm (295g not including battery) Accessories: Operational manual, Carrying case, 9V battery , Thermocouple wire & stand</p>	01 No			
04	Shakers & Mixer	<p>Cyclo Mixer CM-101 CM-01/01: Tube adaptor for 18 holes test tubes ø mm CM- 01/02: Platform pad for < ø 99 mm tubes and small vessels</p>	01 No			
05	Tissue organ bath system	<p>Chamber Chamber size(s): 10, 20 or 50 ml Chamber material: Glass Chamber heating: Heated air-circulation (built-in – patent pending) Temp. range: ambient to<50°C Temp. resolution: 0.1°C Temp. stability: ± 0.1°C Chamber suction: Manual or automatic via software Chamber aeration:</p>	01 No			

		<p>Individually via precision needle valve(s) Chamber filling: Manual/automatic via software Dimensions (w.d.h): 55 x 50 x 50 cm Transducer Force range: ± 200 mN to ± 1600 mN (user selectable) Output resolution: 0.1 mN (using filtered signal) Transducer calibration: Semi-automatic (via software) GLP and Maintenance: All parts in contact with experimental agents can be replaced in Reservoir Reservoir volume: 4 x 900 ml Reservoir heating: Electronically (built-in) Safety valve: 10 bar Temp. range: $<50^{\circ}\text{C}$ Temp. resolution: 0.1°C Temp. stability: $\pm 0.2^{\circ}\text{C}$ Connectivity Analogue output(s): 4 x BNC / 2.5V FS (filtered signal) or 4 x BNC / raw output Data communication: USB (2.0) Voltage: 100 to 240 VAC (AUTO) 50/60Hz Inlet pressure (regulated): Min. 2.0 bar – max 8.0 bar (internally) Air/gas: One inlet connector on the back Vacuum: One outlet on the back</p>				
06	Grip strength meter	<p>Commands : via soft-buttons Read-out : multifunction graphic display Starting: via keys on the Controller front panel Force Ranges :0-100gf, 0-500gf, 0-1500gf Force Increasing Rate: PC Force Response: in 0.1gf steps Latency Time: in 0.1s steps Connection to PC:via USB cable (A to mini-B) and GSM software Power Requirement: Operating Temperature: 10° to 40° C</p>	01 No			

		<p>Sound Level : Negligible Pollution Degree : ≤ 2</p> <p>Computer simulated CDs for animal experiment Animal simulator with software Expharm pro+Excology pro</p>				
07	Portable NIBP monitor for animals	<p>Measures photo-plethysmographically pulsatile blood pressure of tail arteries.</p> <ol style="list-style-type: none"> 2. Measure HR, SBP, MBP and DBP, which should be displayed on LCD. 3. HR is determined by converting the time to count 10pulses. 4. Cuff pressure should be elevated up to 400mmHg so that even Spontaneously Hypertensive Stroke Prone (SHRSP) rats can be determined. 5. Continuous measurement should be done up to 6 times 6. Preheat and measuring box should be provided along with the Standard system 7. Apparatus should be compact A4 size 8. Simple operation provided with interface, Data collection software (windows version) and Printer 9. Animal holders which are brown acrylic material and Cuff pulse sensor should be provided with the standard system. 	01 No			
08	Pressure analgesiometer	<ol style="list-style-type: none"> 1. Simple operation for Measuring inflamed rodent paw according to Randall selitto test and displays pressure digitally. 2. Measuring range of 0-250 mm Hg with speed of 10 mmHg/sec 3. Time measurement can be done by Pedal switch which exerts force 4. 3 digit LCD display 5. Data collection software (windows version) with USB serial cable and Printer should be provided with the standard unit. 	01 No			
09	Melting Point Determination Apparatus	Automated melting point system with digital images, Thermometer Input and	01 No			

		Timers, Automatic and visual determination, PID-controlled temperature ramping, Digital movie of each melt, Computer control, Conforms to Pharmacopeia & GLP, Printer output				
10	Stalagmometer	Model stalagmometer (5ml)	01 No			
11	Moisture Meter	Heating system: Halogen Temp range: 50-200° C Accuracy 0.01% or more Weighing capacity <u>35 g (remove)</u> , Readability <u>1 mg, 0.01 %</u> Line voltage <u>115 V / 230 V ?</u> Recommended moisture range <u>1 - 100%</u> Heating source <u>Metal rod heater, robust</u> Number of measuring programs <u>1</u>	01 No			

Two Bid System:- i.e Technical bid consisting of all technical details & Financial Bids/ quotation indicating items wise price for the items mention in the technical bid.

The Technical bid and the financial bid should be sealed by the bidder in separate covers duly superscribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed. The technical bids are to be opened by the Purchase committee at the first instance and evaluated by a competent committee or authority. At the second stage, financial bids of only the technically acceptable offers should be opened for further evaluation and ranking.

The competitive rate with above specification by clearly mentioning taxes applicable if any., time required for supplying the items with the terms & conditions, Copy of GST Certificate may kindly be enclosed.

Note: The Firm who fulfill the following requirement shall be eligible submit their Technical & Financial Bids.

Wherever required Test Certificate should be sent along with relevant document.

Incomplete bids are liable for rejection. Late / delayed offer will not be considered.

NIUM reserves the right to reject any or all tender without assigning any reason.

The envelope containing quotation should be super scribed as “**Re-Quotation for supply of Instruments/ Items for Ilmul Advia**”

The last date for the submission of quotation is: **05/03/2018.**

Yours faithfully,

Sd/-
(Suresha)
Accounts Officer

Distribution :

- 1.Prof.Abdul Wadud, HoD, Dept. of Ilmul Advia, for information.
- 2.Website in-charge for information and to upload quotation in NIUM- website.
- 3.Concern file.
- 4.Guard file.