TENDER DOCUMENTS FOR

SUPPLY OF LABORATORY EQUIPMENTS

{ks=h; ;wukuh fpfdRlk vuqla/kku laLFkku

طبی یونانی کا علاقائی تحقیقاتی ادارہ، پٹنہ

REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE

xqtjh iVuk flVh] iVuk

Guzri, Patna City, Patna-800008 (Bihar)

अधीन के०.यू०.चि०.अनु०. परिषद, नई दिल्ली, आयुष मन्त्रालय, भारत सरकार

(Under CCRUM, New Delhi, Ministry of "AYUSH", Govt. Of India)

E-mail: rriumpatna@gmail.com Tel. 0612-2631106, Fax No. 0612-2630072

REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE
xqtjh iVuk flVh] iVuk
Guzri, Patna City, Patna-800008 (Bihar)
अधीन के०.यू०.चि०.अनु०. परिषद्, नई दिल्ली, आयुष मन्त्रालय, भारत सरकार
(Under CCRUM, New Delhi, Ministry of "AYUSH", Govt. Of India)

NOTICE INVITING TENDER

TENDER FOR SUPPLY OF LABORATORY EQUIPMENTS

01.	Tender Number	
02.	- Supply of Semi Auto Analyzer - Supply of Elisa Reader - Supply of Fully Automated 3- Part Differential Haematology Analyzer - Supply of UV – Visible Spectrophotometer	01 Pc 01 Pc 01 Pc 01 Pc As Per Annexure – I to IV
02	General Terms & Condition	As per Annexure - V
03.	Cost of Tender Documents (In Person)	Rs. 500.00
04.	Tender Documents	Tender Documents can be Obtained in the Office of Research Officer Incharge, RRIUM, Patna.
05.	EMD	Bidders shall submit EMD along with their tender, either By DD drawn in favour of Regional Research Institute of Unani Medicine, Guzri, Patna City for a sum of Rs. 15,000/- (Rupees fifteen thousand only)
06	Date and time of sale of tender documents	25.01.2016 to 08.02.2016 From 10:00 A.M to 4:00 P.M
07	Date of Pre Bid meeting	01.02.2016, 3:00 P.M at RRIUM,Patna City
08	Last date and time of submission of tender	08.02.2016 4:00 P.M
09	Date & Time of Opening of Tender	09.02.2016

		2: 00 P.M in the Chamber of Research Officer Inchege, RRIUM,Patna

Research

Officer Inchege,

Regional Research

Institute of Unani Medicine,

Guzri,

Patna City-800008

Annexure - I

TECHNICAL SPECIFICATION OF LABORATORY EQUIPMENTS

1.Semi-Auto Analyzer

1. It should be Microprocessor controlled**,** Programmable, Semi Auto Analyser to perform routine biochemistry tests (including Endpoint, Fixed time & Kinetic chemistries), Enzyme Immunoassays (with Multi standard Curve Calibration & Memorisation) etc.
2. It should have facility to select more than 50 tests directly through tests keys.
3. It should offer a minimum of 175 user definable chemistry parameters
4. It should have a Peltier controlled reading block and below 20 µl flow cell.
5. Flow cell with peristaltic pump should be part of the main unit.
6. Additionally analyzer should have facility to use both 6 mm glass cuvettes & 10 mm plastic cuvettes.
7. It should have static photometer with photometric range (340 – 700) and minimum 8 narrow band static interference filters (not filter wheel) with wavelength selectable of 340, 405, 450,505,546,578,600,670 nm.
8. It should display Real Time Graph and plot at every one second each from start to finish of the test.
9. It should have a large high resolution graphic backlit LCD alphanumeric display and built-in full graphic printer for printing reaction curves and test results.
10. It should have programmable aspiration volume between 200 - 999 µl/ test.

11. It should have the facility to display the actual temperature on screen especially for fixed time and kinetic tests.
12. It should have facility to store minimum 1000 test results in the memory.
13. There should be facility to store Reagent Blank O.D. in the memory.
14. It should have built –in real time clock.
15. The unit should have facility for Quality Control Programme to use Three Levels of Controls and it should print the Levi-Jennings Plot on daily and monthly basis
16. The software should be user friendly and guide the programmer step by step.
17. The analyzer should also be capable of performing coagulation assays.
18. Flow Cell temperature Selection settings should be from 20^0C - 40^0C in steps of 1^0C
19. The analyzer should have facility to perform result recalculation facility soon after the kinetic tests gets completed.
20. The analyzer should have the provision to run 3 Replicates each of Standards & Samples.
21. The analyzer should perform Non Linear Calibration with upto 10 standards with Graphical display on Display and Printer
22. It should have the facility to print Patient reports in atleast 5 formats i.e. ID wise, Date wise, Date & ID wise, Date and Test wise, Patient Report with Demographics.
23. It should have the provisions for 5 fixed calculations items.
24. Analyzer should have the provision to key in Reference Range values for Male / Female & Child in a single programme.
25. Analyzer should have USB connectivity with PC and Printer.
26. It should have a separate port to connect it to External Keyboard and port to connect to an Incubator.
27. The manufacturer / supplier should have a full-fledged service force and installation base for the quoted equipment.
28. The Manufacturer should be able to supply kits locally against order.

Annexure - II

2. ELISA READER

1. The system should be 8-channel optical measuring system.
2. The system should work with a keypad on 20 keys.
3. It should be able to read U-V, or flat bottom 96-well plate.
4. The photometer should be filter wheel based.
5. The System should have capability for Mono , Bi chromatic and multichromatic measurements
6. The entire Microwell plate should be measured within minimum 8 seconds in the

   Monochromatic measurement mode.
7. The Results ie. Abs, Sample No. and interpretation must be seen on the screen in matrix form. Graphs should be displayed on the screen and printout possible.
8. System should be provided with six filters 405nm, 450nm, 492nm, 578 nm, 630nm and 700 nmstandard filters.
9. System should have facility for up to 100 user defined test protocols.
10. System should have large LCD display, with user friendly,

    for software operation. The system should do all caluculation standalone.

11. System should have variable speed linear shaking facility for the Microwell plates for removal of microbubbles and mixing of the well solution. The time and speed should be user definable..
12. The Microwell plate position should have aerosol cover facility to prevent external contaminants and stray light.
13. It should have the measurement range up to 2.5 Abs.
14. The On-board software should have capability of storing the calibration curve data for at least 8-10 standards in all the 100 test programs.
15. The Curve should be displayed on screen and should be able to print.
16. The system should be able to calculate concentrations, cutoff and index equations.
17. It should have facility for plate mapping. Plate mapping must allow positioning of control, calibrators, blanks and samples at any location on the plate with lab custom Patient IDs or progressive IDs.
18. The system must accept external dot matrix printer and must print results in preformatted matrix form giving details such as Sample No., Value, Abs and interpretation, with cutoff equation for qualitative results.
19. It should have ports for external printer and for transmission of data to the host computer.
20. It should have optional host computer software for extensive data management capability.

Annexure - III

3. Fully Automated 3- Part Differential Haematology Analyzer

1. The instrument should be fully automated 3-part differential hematology analyzer offering automatic start-up, shutdown and sample-analysis.

2. The instrument should be equipped with a hand held barcode reader.

3. The system throughput should be 60 samples per hour in all analysis modes.

4. The instrument should report minimum 20 Parameters in both Whole Blood and Prediluted Mode including, WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, LYM %, MXD%, NEUT%, LYM#, MXD#, NEUT#, RDW-SD, RDW-CV, PDW,

MPV, PCT, P-LCR

5. The system reproducibility should meet bellow requirements in Whole blood analysis mode.

Parameter	CV (variation coefficient)
WBC	3.5% or less
RBC	2.0% or less
HGB	1.5% or less

HCT	2.0% or less
PLT	6.0% or less

6. The instrument should have Cyanide free SLS-Hb /colorimetric method for the hemoglobin measurement.

7. The instrument should be equipped with SRV (Sample Rotor valve) mechanism for precise alequoting of samples and dilutions.

8. The sample volume for the complete differential blood count should not exceed 50µl in whole blood mode and 20 µl in Prediluted mode.

9. The system should have large colour touch screen with intuitive graphic icons.

10. The system should have both internal printer as well inbuilt port to print report on an external Dot Matrix/ Color printer.

11. The instrument should have COMPREHENSIVE INFORMATION PROCESSING SYSTEM with:

a) Data storage of 35,000 sample results including histograms

b) Quality control 60 plots, for 6 files

c) Online QC function with LAN port connectivity

d) Facility to input Control information (lot number, expiry date, assay values) using a barcode reader.

12. The system should offer following inbuilt Interface options:

a) LAN (Ethernet for host computer/ Remote Service Access)

b) Bar code reader (handheld)

c) Serial port (for host computer/RS-232C)

d) Graphic printer (option)

13. Preferably to ensure economy as well as an effective reagent inventory management, the number of reagent types required to be connected to operate the system should not exceed 2 (excluding calibrators, controls and ancillary reagents that are not required for each sample analysis).

14. To ensure reliability of reported results, Controls and calibrators required for the system should be manufactured by same Manufacturer of the instrument and

should be available locally in the state (product brochure/ data sheet of controls and calibrators along with details of local distributor in the State should be provided).

15. Manufacturer of the instrument should have a local office/ representative employee in India (details of Manufacturer office in India / representative employee in India in India should be provided).

16. The company supplying the instrument should have installed at least 1000 automated 3- part differential analyzers of same model/ make in India and at least 150 of same model/ make preferably in our state (list of 100 installations across India along 50 installations within the state should be provided).

17. The company supplying the instrument should have a good track record in government / defense institutions and excellent service and distributor network across the our State (list of government / defense installations along with details of Local offices in State, local distributors and local engineering support staff in State should be provided

Annexure - IV

4. UV-Visible Spectrophotometer

Instrument Type	UV –visible spectrophotometer
Optical System	Double Beam with Automatic 8 Cell Changer
Monochromator	Holographic Grating in Czerny Turner Mounting
Spectral Bandwidth	0.5, 1,2,5 nm (Variable)
Working Mode	Stand alone (MPU Mode) / PC Controlled (PC Mode)
Software Support	MPU Software Platform / UVW in PC Software
Wavelength Range	190 – 1100 nm
Wavelength Display	0.01 nm Increment (With UV / Win PC Software)
Wavelength Accuracy	± 0.1 nm at d2 PEAK 656.1 nm ± 0.3 nm for entire range
Wavelength Reproducibility	0.1 nm
Stray Light	< 0.02% T (340 nm, NaNO2)
Photometric Mode	Transmittance, Absorbance, Energy, Concentration

Photometric Range	0.3~3 Abs
Photometric Accuracy	± 0.002 Abs (0 ~ 0.5A)
Baseline Flatness	± 0.0015 Abs (190 – 1100 nm)
Baseline Stability	0.0004Abs / h (500nm, 0.0 Abs, 2nm Spectral Bandwidth, 2hr Warm-up)
Noise Level	0.00005 Abs RMS Value @ 500 nm
DNA / RNA Measurement	Included
Output	USB port and Parallel port (printer)
Dimensions / Weight	540mm W X 440mm D X 390 MM H
Computer System with printer	Branded Computer System with licensed software and Laser jet B/W Printer
Voltage Stabilizer	2 KVA Servo Voltage Stabilizer with surge suppressor for the instrument
Online UPS	600VA online UPS with 15 mins back up for Computer.

Annexure - V

TERM & CONDITION:-

1). The Regional Regional Research Institute of Unani Medicine, Patna invites sealed tender from the reputed firms "**Supply of Laboratory Equipments"** at Regional Research Institute of Unani Medicine, Patna as per specification given in Annexure – I - IV

2). The bids should be submitted in sealed COVERS, SUPER SCRIBING TENDER FOR "Supply of Laboratory Equipments, sealed and addressed to the Regional Research Institute of Unani Medicine,Patna-08.

3). Overwriting and corrections should be attested properly. The bid should be completed in all respects and should be duly signed. Incomplete and unsigned bids will not be considered at cost.

4). All relevant technical literature pertaining to items quoted with full specification (Drawing if any) information about the products quoted, including brochures if any should accompany the bid.

5).A list of reputed clients to whom the firm has supplied similar items to be furnished along with the quotations.

6). Technical Bid should contain EMD.
Bidders shall submit EMD along with their tender, either By DD drawn in favor of Regional Research Institute of Unani Medicine, Patna for a sum of Rs. 15,000/- (Rupees fifteen thousand only) from any reputed bank (scheduled bank) initially valid for 180 days from the date of closing of the tender as per the Proforma enclosed.

7). Tender without EMD in the envelope shall be summarily rejected. The EMD of the earnest money will be liable to be forfeited, if the tenderer withdraws or amends impairs or derogates from the tender if any respect within the period of validity of their tender.

8). Please specify the Make / Brand and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.

9). Compliance Statement: Equipments point-by point comparison / compliance statement with technical specification indicated in the tender, should be enclosed along with your tender as well as any other extra features of the equipment be shown separately therein and also compliance statement for all commercial terms of the tender document.

10). A committee constituted by the Research Officer Incharge, Regional Research Institute of Unani Medicine, Patna will be reserves the right to open the bids.

11). A technical Committee constituted by the Research Officer Incharge to assess the product supplied / installed for their quality and their conformity to the specification provided by the firm in their quotations. Any items indentified by the committee to be not as per the specifications or are found to be of inferior of quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.
12). All medical equipments should be in good working conditions and shall be packed properly.

13). Quotations should be submitted on for at Regional Research Institute of Unani Medicine, Patna

14). The supplier will be responsible for and should cover, Insurance for all transit risk.

15). No advance payment will be made. Payment shall be made within 60 days from the date of receipt, acceptance and satisfactory installation of equipment. The payment will be authorized after submission of a Bank Guarantee for 10% value of the order towards warranty guarantee. The performance Bank Guarantee should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India) valid till 60 days after the warranty period.

16).Regional Research Institute of Unani Medicine, Patna City will not be liable for any obligation until such time Regional Research Institute of Unani Medicine, Patna has communicated to the successful bidder of its decision to release the purchase order.

17).Regional Research Institute of Unani Medicine, Patna will not be responsible for any postal delays.

18). Bidders shall note that Regional Research Institute of Unani Medicine, Patna City will not entertain any correspondence or queries on the status of the offers received against this tender invitation.

19). Tenders from Manufacturers / Suppliers / Tenderers whose performance was not satisfactory in respect of quality of supplies and delivery schedules in any organizations, are liable for rejection. The tenders that do not comply with the above criteria and other term & conditions are liable for rejection.

20). The Regional Research Institute of Unani Medicine, Patna City does not bind to accept the lowest quotation and reserves the right to himself, to reject or partly accept any or all the quotations received without assigning any reason.

21) The Successful bidder will be provide free installation and free training at our institute at Patna.

R

esearch Office Incharge, SL-4

RRIUM, Patna

CHECK LIST FOR TERMS AND CONDITION FOR TECHNICAL BID

a. To be filled by the bidder and submitted along with the Technical Bid:-

Sr. No	Terms & Conditions as per Bidding Documents	Attached (Yes / No)	Page No.	Remarks
01	Status of Bidder • Manufacturer or Authorized Agent of the Manufacturer • Whether Public Undertaking Public Ltd, Private Ltd, Company or Proprietary Firm			
02.	Power of Attorney in favour of person to sign, submit an negotiate the bid.			
03.	Certificate towards market standing of minimum 03 (three) years in the area of supply and maintenance or bio-medical equipment.			
04.	Certificate for sole ownership / partnership / Certificate of Incorporation			
05	Statements of turnover per year for last three successive years duly certified by the Chartered Accountants. **(Minimum Annual Turnover must be Rs. One Crore.)**			
06.	User List (List of Govt. /Semi Govt./Reputed Pvt. Hospital) where quoted model of the items has been supplied and installed.			
07	Supply order copy (Minimum three nos. or more) issued by Govt/Semi Govt./Reputed Pvt. Hospital/Organization for the quoted items (preferably same model)			
08.	Performance Certificate of the same supplied machine (of quoted make and Model) issued by Head of the Department or Institution after a minimum period of six months of installation.			
09.	Prerequisite (if any) for installation of the Machine, if any, to be provided by the Institute.			
10	Whether rates quoted are inclusive of all taxes or not.			
11	Whether rates are quoted as per format mentioned in the Bidding Document or not.			
12.	Enclose an affidavit duly certified by (enclosed /Not enclosed) the notary			

	at the location of the Agencies / headquarters Patna that the bidder has never been black listed or punished by any court for any criminal offence /breach of contract and that no pokice / vigilance enquiry /criminal case is pending against either bidder legal entity or against individual Directors of the company or partners etc. of the firm etc.			
13	Affidavit, to the effect that the bidder is not supplying the quoted item(s)to any other Govt. /Pvt. Organizations/ Institutions /Hospitals at the rate lower than the rate quoted against this tender.			
14	**Quality Assurance Certificate FDA (US)** or equivalent (please specify)			
15	**Bid Security** amount deposited ins enclosed or not. If yes, please mention the details			
16.	**Original Technical Catalogue** of the quoted model			
17	Certificate, to the effect that bidder will maintain the quoted item(s) during Warranty period of 5 (five) years including all spares, accessories, consumables etc., (Please mention the name of the item / items with price, which are not supplied by the bidder free of cost with frequency of replacement)			
18	Acceptance of all terms / conditions towards **after sales / services** as mentioned in the bidding document.			
19	**Compliance Statement** with relation to the technical Specification as mentioned in the bidding document duly supported by the original catalogue.			
20	Compliance Statement with relation to the terms & conditions as mentioned in the document.			
21	PAN and copies of Income Tax Returns for the last five years.			
22	Duly attested copy of sales tax registration certificate.			
23	Duly attested copy of service tax registration certificate			

Note:- If the above mentioned details are not mentioned and required documents are not attached at appropriate places, the offer of the bidder(s) shall be summarily rejected. Hence, bidder(s) are advised to go through the bidding document carefully and be prepared with all the required documents to avoid rejection of offer.

(Name of the Bidder with Signature & Seal)

MANUFACTURER'S AUTHORISATION FORM
(To be submitted by authorized dealers/representatives/importers)

No. Dated

To
Research Officer Incharge
RRIUM,Patna

Dear Sir,
Tender No :
Equipment Name :

1. We …… (name of the OEM) are the original manufacturers of the above equipment having registered office at ……..…….. (full address with telephone number/fax number & email ID and website), having factories at _____ and _____ , do hereby authorize M/s._____(Name and address of bidder) to submit tenders, and subsequently negotiate and sign the contract with you against the above tender no.
2. No company or firm or individual other than M/s._____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We also hereby undertake to provide full guarantee/warrantee /of manufacture the bidder fails to provide satisfactory after sales and service during such period of Comprehensive Warranty / Contract and to supply all the spares/ accessories / consumables etc. during the said period.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments tendered within the stipulated time.

(Name)
For and on behalf of M/s._____
Date: (Name of manufacturers)
Place:

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the

(On the letter head of Bidder)

To
Research Officer Incharge
RRIUM, Patna

FILE NO. : Tender No.:

Dear Sir,

I/We hereby submit our tender for the Laboratory Equipments

1. I/WE are enclosing herewith the Demand Draft No ----- dated ---- for **Rs ……../- and** Demand Draft No ------ dated ---- for **Rs ……../-** drawn in favour of **Regional Research Institute of Unani Medicine, Patna (payable at Patna)** towards **Tender Fee and EMD / Bid Security respectively.**

   (TENDERS NOT ACCOMPANIED WITH EMD/ BID SECURITY ALONG WITH THE

   TECHNICAL BID SHALL BE SUMMARILY REJECTED).

2. I/We have gone through all terms and conditions of the tender documents before submitting the same.

3. I/We hereby agree to abide by all the terms and conditions, stipulated by the RRIUM, Patna in connection with delivery, warranty, penalty etc. Quotations for each group are being submitted under separate covers, and sheets and shall be considered on their face value.

4. I/We have noted that overwritten entries shall be duly cut & rewritten and initialed.

5. Tenders are duly signed and stamped. (No thumb impression should be affixed)

6. I/We undertake to sign the contract/agreement, if required, within 15 (Fifteen) days from the date of issue of the letter of acceptance, failing which our/my security money deposited may be forfeited and our/my name may be removed from the list of suppliers.

Yours faithfully,

(Signature of Bidder with full name and address)

POWER OF ATTORNEY
(On a Stamp Paper of relevant value)

I/ We…….(name and address of the registered office) do hereby constitute, appoint and authorize Sri/Smt ……..……...… (Name and address) who is presently employed with us and holding the position of ……. as our attorney, to act and sign on my/our behalf to participate in the tender no…… for …… (Equipment name).

I/ We hereby also undertake that I/we will be responsible for all action of Sri/Smt. …….. Undertaken by him/her during the tender process and thereafter on award of the contract. His / her signature is attested below

Dated this the ___day of 201_ For_____

(Name, Designation and Address)

Accepted

_____

(Signature)
(Name, Title and Address of the Attorney)

To
The Research Officer Incharge,
Regional Research Institute
Of Unani Medicine,
Patna City-800008

Having examined the tender document for **“Supply of Laboratory Equipments”**, we the undersigned hereby offer to supply the equipment in conformity with all specification and conditions set out in the tender document.

We enclosed the entire relevant document as per the tender.

We understand that you are not bound to accept the lowest or any tender received.

Date:

(Signature of Bidder)

Name:

Designation: