



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

NIT LIMITED NO.NC-001252-ADMS-16-17 / NC-001255-ADMS-16-17 / NC-000952-ADMS-16-17 / NC-001253-ADMS-16-17 / NC-001254-ADMS-16-17 / NC-000894-ADMS-16-17

Semi auto biochemical analyzer / Laboratory Bench Top Centrifuge / Water bath / Variable Volume Micropipettes / BP Apparatus / Patient's Bedside Locker / Patient's Transportation Stretcher / Medical Suction Apparatus / Fully Auto mated Haematology Analyzer / Binocular Microscope / Patient examination stool / Semifowler bed / Mattress / Saline stand

**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH
JATNI CAMPUS, P.O.: BHIMPUR-PADANPUR, VIA:-JATNI
Khurdha-752050**

NIT LIMITED NO.

**NC-001252-ADMS-16-17 / NC-001255-ADMS-16-17 / NC-000952-ADMS-16-17 /
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Sealed Tenders are invited on behalf of the Director, National Institute of Science Education and Research, Jatni from the manufacturers (Indian or Foreign) and their authorised reseller/Indian agent only for supply & installation of the following item:-

<i>Sl. No.</i>	<i>Name of the Items</i>	<i>Name of Department</i>	<i>Indent Nos.</i>	<i>Qty.</i>	<i>EMD in INR</i>
1	Semi auto biochemical analyzer	NISER DISPENSARY	NC-001252- ADMS-16-17 / NC-001255- ADMS-16-17 / NC-000952- ADMS-16-17 / NC-001253- ADMS-16-17 / NC-001254- ADMS-16-17 / NC-000894- ADMS-16-17	1 No.	4000.00
2	Laboratory Bench Top Centrifuge			1 No.	Not required
3	Water bath			1 No.	Not required
4	Variable Volume Micropipettes 50-200 µl			1 No.	Not required
5	Variable Volume Micropipettes 100-1000 µl			1 No.	Not required
6	BP Apparatus (Sphygmomanometer)			4 Nos.	Not required
7	Patient's Bedside Locker			4 Nos.	Not required
8	Patient's Transportation Stretcher			1 No.	Not required
9	Medical Suction Apparatus			2 Nos.	Not required
10	Fully Auto mated Haematology Analyzer			1 No.	10,000.00
11	Binocular Microscope			1 No.	Not required
12	Patient examination stool			4 Nos.	Not required
13	Semifowler bed			3 Nos.	Not required
14	Mattress			3 Nos.	Not required
15	Saline stand			3 Nos.	Not required

NB: PARTY REGISTERED WITH SSI/DGS&D/DAE AND FOREIGN PARTIES QUOTING DIRECTLY ARE EXEMPTED FROM PAYING EMD.

EMD IN FORM OF DEMAND DRAFT SHOULD BE PREPARED IN FAVOUR OF FINANCE OFFICER, NISER AND PAYABLE AT JATNI.

Detail Tender Document can also be downloaded from the NISER web-site address: www.niser.ac.in directly. NISER reserves the right to accept or reject any or all the Tenders without assigning any reason.

Terms & Conditions: - As per attached sheet

Yours faithfully,

Stores & Purchase Officer

**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI
SUPPLY AND INSTALLATION
OF
DISPENSARY ITEMS**

**NC-001252-ADMS-16-17 / NC-001255-ADMS-16-17 / NC-000952-ADMS-16-17 /
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**PART – 1
TERMS & CONDITIONS**

1. Sealed tenders are invited for supply and installation of **various Dispensary items** in the National Institute of Science Education and Research, Bhubaneswar. The tender document consists of the following two parts.

Part-1: “TERMS & CONDITIONS” & “TECHNICAL BID” of the tender.

Part-2: “FINANCIAL BID” of the tender.

2. The bidder must attach the at least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial year in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.
3. The bids submitted by the vendors should be valid for a minimum period of 90 days from the date of the opening of tender and the prices should be valid till execution of purchase agreement.
4. The sealed envelope containing “The Bid” on prescribed tender document of the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH should reach the Stores & Purchase Officer, National Institute of Science Education and Research, Jatni on or before **27.06.2017 up to 5:00 p.m.** otherwise the tender will not be accepted.
5. The sealed envelope of the bidders shall be opened on **28.06.2017 at 03:30 pm.**
6. For further information/clarification in this respect, please contact Dr. Biswajit Mishra drbiswajitmishra@niser.ac.in Only e-mail inquiries will be entertained.
7. The supply and installation of the above equipments shall be made by the vendor within 4 -6 weeks from the date of issue of the purchase order.
8. All the items to be supplied should be new, of good quality and standard and as per the technical specifications mentioned in technical bid document.
9. Discount: Any conditional discount will lead to the rejection of your tender.
10. The vendor will provide operational manuals, documents for peripherals, set of diagnostics to test all the sub-systems etc. along with the systems.

11. The installation of above equipments will be at the National Institute of Science Education and Research, Jatni.
12. The prices quoted in the technical/financial bid should be inclusive of power cables, interface cables, all accessories, packing, forwarding, freight upto NISER, Jatni, transit insurance and installation charges at sites. Excise duty and trade tax if applicable should be quoted separately at the appropriate columns provided for them in the technical/financial bid (NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH is exempted from Excise Duty). In case of import the NISER will arrange the clearance from Kolkata Airport. All the expenses, like Import duty, Entry tax, and insurance will be added in your cost to calculate landed cost. (NISER is exempted from Custom Duty. The present rate is approx. 5.13%).
13. In case, excise duty and/or trade tax/sales tax are reduced or increased subsequently by the Government at the time of placement of the purchase order or delivery, then the same will be adjusted by either party on production of requisite proof.
14. Payment for the items to be supplied by the vendor against the purchase order shall be made by NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH as follows:-

100% payment will be made within 45 days after successful installation and submission of relevant documents.

The tenderers who are not agreeing to above payment terms, are requested not to submit their tender otherwise their EMD will be forfeited.
15. The equipments will carry **one year on-site comprehensive free warranty**. Warranty period will start from the date of successful installation of all the items at site.
16. Parties should specify the make and model of each Item along with all other details.
17. The tender must be submitted on the prescribed tender document issued by the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH. Any other technical details required to supplement the information quoted in the prescribed tender document may please be attached separately. The information asked in the tender document should be given at the place provided for it in the tender document. The tenders in which information is not given at the place provided for it or not in the similar format given in the tender document may be rejected.
18. Printed conditions of the vendor submitted with the tender will not be binding on NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.
19. The documents containing bids shall be free from cutting and erasures. However, alterations, if any, in the tender should be attested properly by the bidder, failing which the tender is liable to be rejected.
20. The tenders submitted by telex/telegrams/fax/email will not be considered. No further correspondence will be entertained on this matter.
21. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH will not be responsible for any delay in obtaining the tender document by the vendor from NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH or submission of the completed tender document to NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.

22. The registration number of the firm along with the CST/VAT No. allotted by the sales tax / trade tax authorities and I.T. registration number (PAN) along with the place of registration should invariably be given along with the technical bid.
23. Tender not conforming to any or all the above terms and conditions will be rejected.
24. Incomplete tenders are liable to be rejected.
25. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to increase/decrease the specified quantities of any item(s) given in the tender.
26. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to reject any or all the tenders without assigning any reason whatsoever. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH would not be under any obligation to give any clarifications to those vendors whose tenders have been rejected. The decision of Director, NISER is final and binding in case of any dispute arising out of this contract between both the parties.

(Deepak Srivastava)
Stores & Purchase Officer

DECLARATION BY THE VENDOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 26. This is also certified that I/We/our principal manufacturing firm have no objection in signing the purchase contract if the opportunity for the supply of the items against this tender is given to me/us.

Date:

Signature:

Address:

Name:

Designation:

On behalf of:

(Company Seal)

To

The Finance Officer,
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
Jatni Campus, P.O.- Jatni
Khurda- 752050, Odisha

Ref: Tender ref. no.: _____ dated. _____

Sub: Refund of EMD

Dear Sir,

We have deposited EMD of Rs. _____/- vide D/D No. _____ dated. _____
of _____ (name of the issuing Bank) against above mentioned
tender. Since our tender has not being qualified, we request to release our EMD.

Yours faithfully,

Signature of the Authorised Signatory
(with Company Seal)

Our address is verified as below:

M/s. _____

PIN Code: _____

Phone No.: _____

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI

**SUPPLY AND INSTALLATION OF DISPENSARY ITEMS
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TECHNICAL SPECIFICATION

Sl. No.	Item Specification	Offered specification with Make & Model No. please specify any deviation if any. Please attach separate sheet if required
(1)	(2)	(3)
	Technical Specifications	

1) Semi auto Biochemical Analyzer :

Estimates	Enzymes, Substrates, Metabolites, Electrolytes, Trace elements, Plasma proteins and Immunoglobulins
Methods of Calculation	Absorbance, End Point, Kinetic, Differential Mode, Fixed Time, Ratiometric mode, Cut off
Optical System	Range of measurement 0-2.5 Abs with resolution of 0.0001 Spectral field 340 to 690 nm, Minimum available Filters 340,405, 450, 505, 535, 560, 600, 630, 670 nm
Light source	20 W halogen lamp or LEDs
Thermostat system	Temperature 20 ^o to 40 ^o with Peltier system
Cuvette	18 µl flow cell cuvette
Sipping volume	100 µl to 5 ml
Test Programme	Minimum 150 programming can be stored
Screen	LCD Graphic screen
Printer	Inbuilt thermal printer
Memory	1000 or more
Interface	USB connectivity to PC, Direct printer connectivity through USB port, Port for external keyboard
Power backup	Inbuilt battery
Power supply	230V-110V, 50/60Hz

Vendors should mention the detailed specifications as asked against each point.

Vendor must provide training regarding operation of the machine to our designated person.

2) Laboratory Bench Top Centrifuge :

Features :-

Heavy Duty Square
Body.

Vibration free and balanced.

Suitable for routine sample analysis in Medical, Hospital and Pathology Laboratories.

Comes along with 16 x 15ml Capacity Swing Out Rotor Head and glass tubes.

Digital Speed Indicator to control the speed with accuracy.

Digital Timer

Stepless Speed Adjustment

Safety Lid interlock to prevent cover opening during centrifugation.

Specifications :-

Maximum Speed : 5250 RPM

Maximum RCF : 3600 'g'

Capacity : 16 x 15ml Tubes

Dimensions : 365 mm (W) x 415 mm (D) x 350 mm (H)

Power Supply : 220-240V 50 Hz Single Phase

Rotor Head : 16 Tube x 15 ml Capacity Swing Out Head with Graduated Glass Tubes

3) Water bath :

Should have a double walled construction.

The inner chamber and top lid should be made of stainless steel.

The space between the two walls should be packed with thick glass wool.

Should provide with a microprocessor based variable digital temperature controller with digital display

Working temperature should be from ambient to 80°C having an accuracy of +/- 1°C

Should have an approximate inner chamber dimension of 450mm x 300mm x 175mm.

4) Variable Volume Pipettes 50-200µl :

Feature: 1. Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes. . 2. Volume adjustment dial, volume display should be there, are easy to calibrate and maintain, and easy to disassemble for autoclaving. 3. Calibration certificate must be provided with each pipette. 4. Variable Volume Pipette: 50-200 µl with increments 1µl

5) Variable Volume Pipettes 100-1000 µl :

Feature: 1. Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes. . 2. Volume adjustment dial, volume display should be there, are easy to calibrate and maintain, and easy to disassemble for autoclaving. 3. Calibration certificate must be provided with each pipette. 4. Variable Volume Pipette: 100-1000 µl with increments 5 µl

6) BP Apparatus (Sphygmomanometer) :

Mercurial / Cuff size-adult / Range-300 mm with 2 mm recording interval

7) Patient's Bed side Locker :

- Overall Size W 400mm x D 400 mm x H 800 mm
- CRCA sheet main cabinet and a drawer
- Mounted on 50 mm dia. twin roller wheels, front wheels with brake
- Stainless steel tops with 3 sides raised and front turned down
- Pre-treated and epoxy powder coated.

8) Patient's Transportation stretcher :

- Overall Approx. Size : 210 cms L x 55 cms W x 80 cms H
- Frame work made of 1.25" x 16 G vertical and 1" x 18G horizontal CRC tube
- Trolley mounted on 15 cm dia castors with brake
- Removable stretcher top made of MS sheet
- Pushing handle at both end of the stretcher top
- Finish : Pre treated and Epoxy Powder Coated

9) Medical Suction Apparatus :

- Housing: MS Powder Coated on four castors
- Capacity: -700 mm Hg \pm 10, 50 Ltrs/ min
- Pump Type: Double Rotary Vane Pump
- Jars: 2 x 2 Ltrs Polycarbonate Jar
- Filters: Trap Filter
- Tubing: 10 mm ID x 2 mtr. (PVC)
- Vacuum Gauge: 10 cm dia 0-760 mm Hg calibration.
- Power: 220 V AC, 50 / 60 Hz, 380Watt (110V on request)
- Noise Level: 50 dB A \pm 3
- Dimension & Weight: 49 x 36 x 70 cms, 37 Kg.
- Overflow Safety: Mechanical

10) Fully Automated Haematology Analyzer :

3 Part WBC Differential Cell Counter

Reportable parameters	WBC, Lymph #, Mid #, Gran #, Lympho %, Mid %, Gran % (preferably neutrophil), RBC, HGb, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV PLT, MPV, PDW, PCT RBC Histogram, WBC Histogram, PLT Histogram, P-LCR
Throughput	Minimum 30 samples / hour or better
sample volume	whole blood 15 µl / prediluted 20 µl or better
Reagents	HQ cyanide free. Preferably system should be compatible with reagents from any source vendor.
Operating mode	MS Windows interface, mouse control / touch screen
Printer	Built in thermal printer / USB interface for external printer
Sample ID	Up to 15 characters
Data storage	Minimum 30,000 results with histogram Automatic cleaning, Flush and auto calibration
Operating temperature	15 ⁰ - 30 ⁰ C
Power Supply	100-240 v AC

All reagents for processing 500 samples along with maintenance (flushing / cleaning) should be provided along with the instrument.

Cost for reagents for processing 1000 samples should be quoted and consider for final pricing.

Vendors should mention the detailed specifications as asked against each point.

Vendor must provide training regarding operation of the machine to our designated person.

11) Binocular Microscope

Binocular Microscope	LNC-0004
Model	CX21i
Optical System	UIS2 (Universal Infinity System) optical system
Illumination System	Built-in transmitted illumination system, 6V 20W halogen bulb
Focusing	Stage height movement (coarse movement stroke: 20mm) Fine focus graduation: 2.5m
Revolving Nosepiece	Fixed quadruple nosepiece
Stage	Wire movement mechanical fixed stage: 120 x 132mm Traveling range: 76mm (X) x 30mm (Y) Single specimen holder
Observation Tube	30 degrees inclined binocular tube Interpupillary distance adjustment range: 48-75mm
Condenser	Abbe type with aperture iris diaphragm N.A: 1.25
Objectives	Plan Achromat objectives (anti-fungus)

	4x	N.A.: 0.10 W.D.: 18.5mm
	10x	N.A.: 0.25 W.D.: 10.6mm
	40x	N.A.: 0.65 W.D.: 0.6mm
	100xOil	N.A.: 1.25 W.D. 0.13mm
Eyepiece (10x)		Field Number (F.N.): 20 (anti-fungus)
Weight		Approx: 6kg
Rated Voltage		AC 100-240V, 50/60Hz, 0.42/0.25A
Power Consumption		18W

12) Patient examination stool:

M.S Tubular four legs fitted on PVC stumps, 18” to 27” adjustable height S.S top through screw, Finish : pre-treated and Epoxy powder coated, Revolving top.

13) Semi fowler bed:

Collapsible swing away safety side railing, Head and Foot panels, The mattress platform framework made of erw CRC tubes made of CRC perforated sheet, Backrest section maneuvered by screw with folding handle from foot end, Tabular head and foot bows of unequal height supported with one horizontal tube and three vertical tubes support legs fitted with PVS stumps.

14) Mattress:

Waterproof cover / adjustable to semi Fowler bed.

15) Saline stand:

Approx. Adjustable height: 1600 mm to 2350 mm, strong stainless steel tubular framework, Base construction with five rectangular stainless steel tubes, base fitted with five synthetic body castors 50 mm wheel dia without brake, stainless steel rod with two hooks lockable with Bakelite knob.

Note: - Parties must mention make & model no. of the equipment offered by them, with detailed specification (on separate sheet). Otherwise their tender will not be accepted.

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI

SUPPLY AND INSTALLATION OF DISPENSARY ITEMS
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FINANCIAL BID

Sl. No.	Systems	Approx. Qty.	Unit Price including all taxes, freight, Insurance and Entry Tax (delivered at NISER, Jatni Campus) service charges, installation and warranty charges in INR
(1)	(2)	(3)	(4)
01.	Semi auto Biochemical Analyzer Detailed technical specification as per technical bid	01	
02	Laboratory Bench Top Centrifuge Detailed technical specification as per technical bid	01	
03	Water bath Detailed technical specification as per technical bid	01	
04	Variable Volume Pipettes 50-200µl Detailed technical specification as per technical bid	01	
05	Variable Volume Pipettes 100-1000 µl Detailed technical specification as per technical bid	01	
06	BP Apparatus (Sphygmomanometer) Detailed technical specification as per technical bid	04	
07	Patient's Bed side Locker Detailed technical specification as per technical bid	04	
08	Patient's Transportation stretcher Detailed technical specification as per technical bid	01	
09	Medical Suction Apparatus Detailed technical specification as per technical bid	02	
10	Fully Automated Haematology Analyzer Detailed technical specification as per technical bid	01	
11	Binocular Microscope Detailed technical specification as per technical bid	01	
12	Patient examination stool Detailed technical specification as per technical bid	04	
13	Semi fowler bed Detailed technical specification as per technical bid	03	
14	Mattress Detailed technical specification as per technical bid	03	
15	Saline stand Detailed technical specification as per technical bid	03	

Date:

Signature:

Address:

Name:

(Company Seal)

Designation:

On behalf of:

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI

**SUPPLY AND INSTALLATION OF DISPENSARY ITEMS
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CHECK LIST

Your bid should accompany with following documents. Please enclose the required document and put (√) mark in the check list where ever applicable.

Sl. No.	Description of Documents	Enclosure
1.	EMD	Yes / No
2.	Acceptance of Declaration by the Vendor enclosed with terms & conditions	Yes / No
3.	Duly filled EMD refundable sheet (if EMD is there)	Yes / No
4.	At least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial years in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.	Yes / No
5.	Trade Tax / Sales Tax Registration no. with Place	Yes / No
6.	Income Tax Registration no. with place	Yes / No
7.	Detailed technical description of the item	Yes / No
8.	Detailed filled Financial Bid	Yes / No
9.	Authorisation letter in letter head duly signed by the authorised signatory for allowing your representative to attend the tender opening meeting.	Yes / No

Signature of the Authorised Signatory with Date
(with Company Seal)