



NORTH ORISSA UNIVERSITY
SRIRAM CHANDRA VIHAR, TAKATPUR, BARIPADA, MAYURBHANJ- 757 003

No: 99 /NOU/Store 143-2016

Date: 10.01.2019

TENDER NOTICE

Scaled quotation along with Earnest Money Deposit (EMD) are invited from supplier/registered and established firms having valid GSTIN, Income Tax Clearance Certificate, PAN Card and Authorized Dealer Certificate for supply of Scientific Equipment/ Instruments/Outdoor Gym Items/Medical instrument of North Orissa University, Baripada. Interested parties are required to submit the technical bids and financial bids separately.

The details of the Tender Papers shall be obtained on payment of ₹ 200/- (non-refundable in shape of DD in favour of Comptroller of Finance, North Orissa University, payable at Baripada) from the office of the Registrar, North Orissa University during the office hours from **11.01.2019 to 28.01.2019 5 PM** or details of the Tender Paper may be downloaded from our website **www.nou.nic.in**. The tender papers of technical bids will be opened on **29.01.2019 at 12.30 PM** and financial bids will be considered only after fulfilling the technical bids.. Earnest Money Deposit (EMD) of an amount of ₹ 5,000/- or 1% of the total cost of the quoted items whichever is higher will be deposited in the shape of DD in favour of Comptroller of Finance, North Orissa University payable at Baripada.

The University authority reserves all the right to accept/ reject any or all quotations at any stage without assigning any reason thereof.

By order of Vice-Chancellor

Registrar
North Orissa University

Memo No. 100 // Dt. 10.01.2019

Copy to Notice Board/ Comptroller of Finance/ PS to Vice-Chancellor/PA to Registrar Account-I for information.

Registrar
North Orissa University

Registrar
North Orissa University

TENDER PAPER

SUPPLY OF INSTRUMENT/EQUIPMENT/OUTDOOR GYM ITEMS AND MEDICAL INSTRUMENT O NORTH ORISSA UNIVERSITY, BARIPADA.

Supplier/registered and established firms having valid GSTIN, Income Tax Clearance Certificate, PAN Card and Authorized Dealer Certificate for supply of Scientific Equipment/Instruments/Outdoor Gym items/Medical instruments of North Orissa University, Baripada. Interested parties are required to submit the technical bids and financial bids separately. The University authority reserves the right to reject part or all quotations without assigning any reason thereof.

LIST OF ITEM AND SPECIFICATION SCIENCE DEPARTMENTS

Sl	Name of item	Specification
1	Hot air oven	Wall : OUTER: SS-304, MIRROR FINISH, TRAY: 3 NOS, INNER: SS-304, heating: NICHROME COIL, 50 TO 250 °C, capacity: 450 × 450 × 450 MM ³ , 90 L, 50 TO 250 °C, ± 1 °C, Resolution 1 °C, Motorized BLOWER circulation
2	Mini extruder	Stainless steel, Heating block, Teflon O ring (2 Nos), Gas tight syringe (2 Nos), 100 numbers of polycarbonate membrane, 100 numbers of filter support
3	pH meter	Range: -2 to 14, mV: ±2, Temperature: -10 to 110, Accuracy: 0.01, Display: LCD, POWER: 240 VAC, 50/60 HZ
4	TLC plate analyzer	Double UV tubes, USB for PC connection, fit for 20 × 20 plates, digital CCD camera, UV protective glass, Image enhancement tool
5	Automated colony counter	110 mm diameter, audible confirmation for each count, Uniform glare free illumination, auto-marker pen, 4-5 kg, 230-250 V, 2 MP camera, Direct black lit, high intensity white LED light source, Digital read count for 0-99 colonies
6	Laminar air flow	3x2x2ft ³ , steel with powder coating 2-epoxy paint, motor: 1/4HP, 36"x24"x6', 0.3μ antimicrobial treated
7	Autoclave	Material: SS, RADIAL LOCKING or SS, LM-304, capacity: 250 × 450 MM, 22 L, HEATING/TEMPERATURE: PRESSURE GAUGE, SHAFETY VALVE, DIGITAL CONTROLLER
8	Incubator	DUBLE, INNER STAINLESS STEEL, METAL DOOR, GLASS VIEWING DOOR, 3 NOS SS TRAYS, capacity : 125

		liters, FAN-BASED circulation, THERMOSTAT CONTROLLER, HEATER: NOT SPECIFIED, AMB+ 5° C
9	AC (2 Nos)	1.5 TON, 3-5 STARS, STABILIZER: V-GUARD (VWR 400) 90-270 VOLT
10	Refrigerator (2 Nos)	190 LITERS, Inbuilt stabilizer, 5 Year warranty, free delivery and installation
11	Trinocular Stereozoom Microscope with attached Microscopy Scientific Camera	<p>A) Greenough system - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) for stands K EDU/LAB/MAT or controller K LED - Eyepieces 10x/23 Br. foc. - Spiral cable RJ1</p> <p>B) Sensor: Micron MT9P001, 5.0 Megapixels, color, CMOS sensor Basic resolution: 2592 (H) x 1944 (V) = 5.0 Megapixels, USB 3.0 connection Pixel size: 2.2 µm x 2.2 µm, Sensor size: 5.7 mm x 4.28 mm equivalent 1/2.5" CMOS sensor, Live frame rate (depending on hardware and software configuration): Maximum FPS = 47 fps (640x480), 37 fps (1280x960) Exposure time: 100 microsecond to 2s</p>
12	All Quartz Double Distillation Unit	Borosil, Cat No- 3365, Product code-3365041
13	pH Meter	<p>pH Range 0-14, Resolution 0.01 pH, Stability 0.01 pH per hour, Relative Accuracy ±0.02 pH ±1 Digit,</p> <p>mV Range 0 to ±1999 mV, Resolution 1 mV, Accuracy ±1 mV to ±1 Digit, Temperature compensation auto/manual, Range 0 to 99.9°C, Resolution 0.1°C, Accuracy ±0.5°C to ±1 Digit</p>
14	Autoclave Stainless Steel	Chamber volume 16 liters, Insulation wall- Single wall, Shape-vertical, Heater- 2.0 Kw, Temperature range 121°C, Working chamber size- 30x 23 cm, Dressing drum size- 27 x 23 cm

15	Radical A4 Overhead Projector	Two Projection lamps-250w, Condenser system-Deluxe Frensel, Stage size-285 x 285 mm Glass Reflector, Projection distance- 1-4 meters, Projection Lens-Germany
16	Inverter	2.5 KVA,
17	Inverter	1050 VA
18	Inverter Battery (2 nos)	Toll Tubular (For 2.5 KVA)
19	Inverter Battery	Toll Tubular (For 1050 VA)
20	UPS	Capacity- 600VA/360W
21	Electronic Balance Digital with high precision	
22	Magnetic stirrer with hot plate(2Pcs) (Two Litre Capacity@ 8000/-)	Remi
23	Three phase air cooled voltage stabilizer	
24	One set of dies (13mm dia. Tungsten carbide alloy steel)	
25	High Temp. dc power supply(5Kv 20mA)	Aplab
26	Muffle Furnace (1100 ⁰ C Continous working Temperature, PID Programmable controller, dimensions of hot zone- 150×150×150mm, Temp. Resolution: +/-1 ⁰ C, APM Kanthal heating elements)	

LIST OF ITEM AND SPECIFICATION FOR OUTDOOR GYM ITEMS

Sl	Name of item	Specification
1	Fun walker(Single and Double)	The outdoor Gym equipment should be made of rugged-, rust-, corrosion-, chipping-, resistant steel/iron with supper durable top coat and hand grips. Each equipment should have an in-ground component for fixing , and for added stability, should have facility to be bolted to be bolted to the concrete ground
2	Fun rower	
3	Fun rider	
4	Chest press (Single and Double)	
5	Shoulder Press(Double)	
6	Ski trainer(Single and Double)	
7	Step Trainer	
8	Pendulum(Doube)	
9	Standing type waist-Twister(Double)	
10	Sitting type waist-Twister(Double)	
11	Leg lift Post	
12	Leg Press(Double)	
13	Leg extension	
14	Tai Chi(Double)	
15	Ab Trainer sit up/push up bench	

Installation:
In the first step, the supplier is required to fix the in-ground component of the equipment.After fixing of the in-ground component, the buyer will build the cement floor.Then the supplier is required to finish installation by bolting the component to the cement floor

LIST OF ITEM AND SPECIFICATION FOR MEDICAL INSTRUMENTS

Sl	Name of item	Specification
1	Autoclave	One drum
2	Sterilizing drum	
3	Instrument sterilizer	
4	Oxygen Cylinder	
5	Scissors	(One end blunt)
6	Weight machine	
7	IV Set	
8	Surgerical Tape	
9	Bandaid/ Handyplast	
10	Bandage	
11	Volini Spray	Pain killer spray
12	Streticher	
13	Gluco meter	With strips & Needles

TERMS AND CONDITIONS

1. Due regard shall be given to the following factors in addition to the evaluated price of the material under consideration.
 - i. Efficiency and running cost
 - ii. Durability of material
 - iii. Reliability and guarantee of quality
 - iv. Necessity of repairs and alterations
 - v. Technical qualifications, financial standing and general reputations of the manufacturer/ supplier
2. Orders will be placed by us when required.
3. Delivery should be made within 4 weeks from the date of receiving the order failing which penalty @1% of the order will be imposed for each week of delay or part thereof.
4. The rate finalized by this tender shall remain valid ordinarily during the financial year. However North Orissa University reserves the right to go in form fresh tenders on the basis of the market condition.
5. Payment will be made after installation of the item.
6. Financial bids will be considered only after fulfilling the technical bids .

Registrar
North Orissa University