

**RAJA NARENDRA LAL KHAN WOMEN'S COLLEGE  
(AUTONOMOUS)**

**GOPE PALACE; MIDNAPUR; PASCHIM MEDINIPUR; 721102**

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NOTICE INVITING QUOTATION

QUOTATION NO.- RNLKWC/NIQ/01/2022-23 Dated: 18.05.2022

Office Memo No: 161 WC-MID/2022

Dated: 18.05.2022

Sealed quotations are hereby invited from reputed organization/dealers/suppliers with suitable credentials for following works (Details will be available in the college website):

1. Supply and fitting fixing of Pepsi Blue Sheet, pipes and other accessories including labour charge for construction of shed (give rate per sq.ft).
2. Supply and Installation of Printer/projector/antivirus etc.
3. Supply and Installation Instruments as per attached list (DST-curie project)
4. Supply and Installation Instruments as per attached list
5. Office Almirah/seminar library book self
6. Supply of chemicals/glass goods of reputed brands (Mention % of less to be offered besides the brand excluding GST in tabular form)
7. Auction of three old generators

Details of the above can be obtained from official website [www.rnlkwc.ac.in](http://www.rnlkwc.ac.in).

Bidders may submit their tenders in their letterhead with suitable credential and all tax related details (P-Tax, I-TAX and GST) to the Principal, Raja Narendra Lal Khan Women's College (Autonomous), Midnapore by 26-05-2022 by 2.30 p.m. (Thursday). The quotation shall be opened on 27.05.2022 by 3.30 p.m. Interested Bidders may remain present at the time of opening of tenders. Rate will be inclusive all types of tax.

**Details BOQ:**

Sl. No	Name of the work	Quoted Amount (in Figure)	Quoted Amount (in word)
(1)	(2)	(3)	(4)
1	Supply and fitting fixing of Pepsi Blue Sheet, pipes and other accessories including labour charge for construction of shed (give rate per sq.ft).at Raja Narandra Lal Khan Women's College (Autonomous) Mouza- Phulpahari, J.L.No.- 152, Plot No.- 159, P.S.- Kotwali, Dist.- Paschim Medinipur.		
2	Supply and Installation of Printer (HP 1008/1020/MF1244/projector(EPSON, short distance)/ LCD display-65'' etc of Raja Narandra Lal Khan Women's		

	<b>College (Autonomous) Mouza- Phulpahari, J.L.No.- 152, Plot No.- 159, P.S.- Kotwali, Dist.- Paschim Medinipur.</b>		
<b>3</b>	Supply and Installation Instruments as <b>per attached list below</b> (DST-curie project) at <b>Raja Narandra Lal Khan Women's College (Autonomous) Mouza- Phulpahari, J.L.No.- 152, Plot No.- 159, P.S.- Kotwali, Dist.- Paschim Medinipur.</b>		
<b>4</b>	Supply and Installation Instruments as per attached list of <b>Raja Narandra Lal Khan Women's College (Autonomous) Mouza- Phulpahari, J.L.No.- 152, Plot No.- 159, P.S.- Kotwali, Dist.- Paschim Medinipur.</b>		
<b>5</b>	Office Almirah/seminar library book self for office and different departments		
<b>6</b>	Supply of chemicals/glass goods of reputed brands (Mention % less to be offered besides the brand excluding GST in tabular form)		
<b>7</b>	Auction of three old generators		

## **Sl. No. 2: Supply and Installation of Computer/Printer/projector etc**

Sl. No.	Items with Specification	Unit Price
1	Printer (HP 1008/1020)	
2	Printer cum Scanner: MFP1005/MF244dW/MF1244/9040dn	
3	EPSON Colour printer	
4	Ceiling fixed LCD Projector short distance and LCD display 65” (Specification attached)	
5	UPS for computers	
6	Quick heal Antivirus (Multiple user)	

## **Sl. No.3: DST CURIE PROJECT**

Under

**Raja Narendra Lal Khan Women’s College (Autonomous)**

SL NO	MODEL	DESCRIPTION
1.	Vertical Laminar Air Flow(Vertical) .Size:-(3 X 2 X 2)	Test master
2.	<p><b>Variable volume micropipette</b></p> <p>Model:-Tacta</p> <p>Comfortable to hold due to the ergonomically designed handle .</p> <p>Dual function volume locking. Low pipetting, tip loading &amp; ejection force that reduce the risk of work related upper limb disorder(DRULD).</p> <p>The unique Sartorius</p> <p>Optilock system provides flexibility for volume adjustment and locking.</p> <p>Controlled and smooth tip ejection with the new Sartorius Optiject technology.</p> <p>Calibration adjustment to provide accurate results for various liquid types.</p> <p>Easy cleaning with only three parts to disassemble.</p> <p>Reliable results, even over lengthy pipetting periods.</p> <p>Fully autoclavable 1210C</p> <p>0.1 to 3µl / 0.5 to 10 µl / 2-20 µl / 10-100 µl / 20 to 200 µl / 100 to 1000 µl ( EACH )</p>	Sartorius
3.	<p><b>pH Meter</b></p> <p>Model:-PB-30L</p> <p>Color touch screen display</p> <p>Automatic/manual temperature compensation (ATC/MTC)</p> <p>Three-point calibration, automatic identification of three sets of calibration buffers</p> <p>Regular calibration reminder</p> <p>Save calibration electrode data automatically</p> <p>Stability symbol to indicate the reading has stabilized</p> <p>Storage of measurement data</p> <p>Storage of log data</p> <p>Storage of electrode serial number for 100% traceability</p> <p>User password protection</p> <p>Storage of multi-interface data output pH measurement range -1.99~19.99.</p> <p>pH readability 0.01</p>	Sartorius

	<p>pH precision <math>\pm 0.005</math></p> <p>mV measurement range (mV) -1999.9~1999.9</p> <p>mV readability (mV) 0.1 mV precision (mV) <math>\pm 0.3</math> mV (0.05% for v-400 mV or &gt;+400 mV)</p> <p>Temperature range (<math>^{\circ}\text{C}</math>) -5.0~105.0</p> <p>Readability (<math>^{\circ}\text{C}</math>) 0.1 Precision (<math>^{\circ}\text{C}</math>) <math>\pm 0.2</math></p> <p>Calibrating spot Up to 3 buffers</p>	
4.	<p>Research Binocular Microscope with photographic attachment</p> <p>Model:- ECLIPS EI(Binocular):</p>	NIKON JAPAN
5.	<p>Research Trinocular Microscope with photographic attachment</p> <p>Model:- ECLIPS EI(Trinocular):</p>	NIKON JAPAN
6.	<p>All Quartz Double Distillation unite with auto power cut device.</p> <p>Output:-1.5 Lit/Hour</p>	BOROSIL(R)
7.	<p><b>TMUFFLE FURNACE</b></p> <p><b>RANGE: 1200 DEG. C.</b></p> <p>HIGH TEMP. <b>CE CERTIFIED</b> FURNACE.OPERATED ON 220/230 V, SINGLE PHASE, 50HZ , A.C MAINS.</p> <p><b>WORKING TEMP 1050 DEG C</b></p> <p>SUITABLE FOR GENERAL LABORATORY &amp; INDUSTRIAL USE. THE WORKING CHAMBER IS HEAT TREATED</p> <p>REFRACTORY BODY WITH BONED</p> <p>TILES FOR SUPPORTING HEATING ELEMENT ARE SPACED EQUALLY THRU THE TILES ARE CAPABLE TO RAISE TEMP TO THE</p> <p>DESIRED POINT MOUNTED ON ANGLE IRON FRAME WITH M.S JACKET HEAT RESISTANCE HAMMERTONE SPRAY PAINT.</p> <p>PROVIDED WITH HINGED FULL SWING OUT DOOR &amp; LINED WITH INSULATING WITHOUT ANY EFFORT.</p> <p>SUPPLIED COMPLETE STANDARD.</p> <p><b>WITH DIGITAL TEMP CONTROLLER</b> WITH FUME EXHAUST DUCT MAIN &amp; LOAD INDICATING LAMPS, WITH DIGITAL</p> <p>CONTROLLER -CUM- INDICATOR AUTOMATIC PRE-SET TYPE CONTROLLER AMBIENT IN 30 MINUTES &amp; 15C IN ANOTHER 30</p> <p>TO 45 MINUTES CERAMIC WOOL. INSULATION AS PER ISI.</p>	

8.	Deep fridge (Vertical)Capacity:-200 Lit	Blue star
9.	Water bath Capacity:-12 lit. Model-WLCO12/WLSSO12	BOROSIL(R)
10.	Microwave oven	L G
11.	GPS Extrex – 30X	Garmin
12.	Soil test kit for Nitrogen, Phosphorus, pH & Potassium STER -Meter. <b>Digital Soil Testing Kit (STFR Meter).</b>	Orlab Instruments Pvt. Ltd.
13.	Soil test kit for Nitrogen, Phosphorus, pH & Potassium Average test 25 Nos . Model;-HI-- 3896	HANNA
14.	ELISA Reader (Multiscan FC Elisa Lader)	Thermocycler
15.	UV Transilluminator Recurch	Imported
16.	Shaker Incubator (Temp. Sensitive)	Test master
17.	<p>T100™ Thermal cyler</p> <p>The T100™ Thermal cyler includes 96-well T100 thermal cyler, Power Cord, Support ring for individual tubes, and Instruction Manual.</p> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>• Method of heating/cooling-Peltier</li> <li>• Method of temp monitoring- Calculated &amp; Block</li> <li>• Programming: Step-based graphical</li> <li>• Reporting: Exportable run logs, system logs</li> <li>• Instant Incubation: Yes</li> <li>• Memory: 500 typical programs onboard; unlimited with USB flash drive expansion</li> <li>• Dimentions: 26 x 47 x23 cm (WxDxH)</li> <li>• Weight: 9Kg</li> <li>• Communication: 1USB port</li> <li>• Electral Approvals: IEC, CE</li> <li>• Display: 5.7" VGA color touch screen</li> <li>• Operating Temp: 15-31 deg C ambient</li> </ul> <p><b>Performance</b></p> <ul style="list-style-type: none"> <li>• Sample capacity/sample size: 96 wells x 0.2 ml (tube strips or 96-well plate)</li> <li>• Temp Range -4 to 100 deg C</li> <li>• Accuracy- +/- 0.5 deg C</li> <li>• Uniformity- +/- 0.5 deg C well-to-well within 30 sec of arrival at target temperature</li> <li>• Heated lid- Up to 110 deg C</li> <li>• Maximum Ramp Rate- Up to 4.0 deg C/s</li> </ul>	Bio-rad

	<ul style="list-style-type: none"> <li>• Average Ramp Rate- Up to 2.5 deg C/s</li> <li>• Reaction Volume: 1 to 100 µl</li> </ul> <p><b>License</b></p> <ul style="list-style-type: none"> <li>• Licensed PCR: Yes</li> <li>• IVD License: Yes</li> </ul> <p><b>Thermal Gradient</b></p> <ul style="list-style-type: none"> <li>• Gradient capability: Yes</li> <li>• Gradient Accuracy: +/- 0.5 deg C of programmed temperature</li> <li>• Row uniformity: +/- 0.5 deg C well-to-well (within row) within 30 sec</li> <li>• Gradient range: 30-100°C</li> </ul>	
18.	<p>Centrifuge 5418R (refrigerated), 230V/50-60Hz, incl. Rotor FA-45-18-11 for 18 x 1.5/2ml tube</p> <p>Technical specification: 18 position centrifuge for 1.5/2.0 ml tubes</p> <p>Technical Specifications: Maximum Rotational Speed: 14000 rpm Maximum rcf: 16873 x g Temperature: 0 °C to +40 °C Acceleration time: 11s Braking time: 12s Noise level: &lt;55 dB (A) Power supply: 230V/50-60 Hz Power Consumption: max. 320 W Dimension (WxDxH): 300 x 460 x 250 mm Weight without rotor: 22 kg</p> <p>Features: Standard rotor 18 x 1.5/2.0 ml with aerosol-tight Quick Lock lid Fast temp for rapid precooling of the centrifuge Patented compressor technology reduces vibrations and protects your sample Separate Short-spin button – for fast and short spins Low access height.</p>	Eppendorf
19.	<p>Kjeldhal apparatus degustation distillation 3 unit with glass parts 6 nos heaters are placed side by side in a row. The heaters are placed on a m.s cabinet highly insulated with glass wool and finished with stoving hammertone spray paint. Elements are of kanthal wire and each heater temp is controlled by individual energy regulator fitted with individual neon lamp, heating blocks are capable to hold the kheldahl flask of 300ml capacity supplied complete with Metallick condenser rods with clamps for holding the neck of flask. Complete with main cord and plug cord operated on 220/230v single phase 50hz ac mains</p> <p>Digestion unit 6 nos heater are placed side by side in a ms cabinet inner highly insulated with glasswool. Cabinet finished with stoving hammertone spray paint. Heater blocks are capable to hold the 300ml cap kjedahl flask. A pvc pipe provided with 6 nos holes for holding the flask neck; each heaters temp is controlled by individual energy regulator. Fitted with individual neon lamp. Complete with main cord, plug top operated on 220/230 v single phase ac mains</p>	Testmaster

20.	Flame photometer Model-130 Digital Flame photometer with Na, k filters and Compressor	Systronics
21.	Soil core sampler	G/Q.

**Sl. 4:** Supply and Installation Instruments as per attached list

Sl No.	Name of the Apparatus/Instrument	Unit Price
1	Potentiometer (Systronics)	
2	Colorimeter (Systronics)	
3	P <sup>H</sup> meter (Systronics)	
4	Viscometer	
5	Conductivity Meter (Systronics)	
6	Vertical gel electrophoresis apparatus with power supply (Bangalore Genei)	
7	Refrigerator 300Lt	
8	Micropipette ( 20, 100, 200 , 500 µl) and 1 ml capacity (Tarsons)	
9	Digital pocket P <sup>H</sup> meter (Eutech)	
10	Digital Balance (2-Digit), reputed Brand	
11	Digital Balance (4-Digit), reputed Brand	
12	Sonicator (Remi)	
13	Table top centrifuge (10000rpm) (Tarsons)	
14	Horizontal gel electrophoresis apparatus with power supply (Bangalore Genei)	
15	Cold centrifuge (10000rpm)	
16	Magnetic Stirrer 2ml (Remi)	

# Raja Narendra Lal Khan Women's College (Autonomous)

Midnapore, Paschim Medinipur-721102

Phone: 90648-20067

## List of Important Dates of Bids

1.	<b>Name of Tender</b>	<ol style="list-style-type: none"><li>1. Supply and fitting fixing of Pepsi Blue Sheet, pipes and other accessories including labour charge for construction of shed (give rate per sq.ft).</li><li>2. Supply and Installation of Printer/projector/antivirus etc.</li><li>3. Supply and Installation Instruments as per attached list (DST-curie project)</li><li>4. Supply and Installation Instruments as per attached list</li><li>5. Office Almirah/seminar library book self</li><li>6. Supply of chemicals/glass goods of reputed brands (Mention % of less to be offered besides the brand excluding GST in tabular form)</li><li>7. Auction of three old generators</li></ol>
2.	<b>Supply the materials</b>	<b>01 (One) week</b> after receiving Work order by successful bidder.
3.	<b>Date of Issue of Notice Inviting Bid</b>	18.05.2022
4.	<b>Period and time for download of Bidding Documents</b>	From: 19.05.2022 at 11.00 A.M. To: 26.05.2022 by 2.30 p.m.
5.	<b>Place of submission of bids</b>	Raja N. L. Khan Women's College (Autonomous), Midnapore, Paschim Medinipur-721102
6.	<b>Time of submission Bids</b>	From: 19.05.2022 at 11.00 A.M. To: 26.05.2022 by 2.30 p.m.



7.	<b>Time and Date for opening Bids</b>	27.05.2022 by 3.30 p.m.
8.	<b>Place of opening bids</b>	Raja N. L. Khan Women's College (Autonomous), Midnapore, Paschim Medinipur- 721102

Principal  
Raja N. L. Khan Women's College  
Midnapore, Paschim Medinipur-721102.

**NIQ NO. :RNLKWC / NIQ/ 01 / 2022-23**

**Dated 18.05.2022**

**OFFICE MEMO NO: 161 WC-MID/2022**

**DATE:18.05.2022**

Copy forwarded for information and wide publications :-

1. One (02) wide circulated news papers.
2. College Website: [www.rnlkwc.ac.in](http://www.rnlkwc.ac.in)
3. Head Clerk.
4. Accountant.
5. Convener, College Purchase Committee.
6. Notice Board of Raja N. L. Khan Women's College (Autonomous).

Sd/-  
Principal  
Raja N. L. Khan Women's College  
(Autonomous).  
Midnapore, Paschim Medinipur-721102