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Office of The Principal
Jhargram Raj College, Govt. of West Bengal

P.O. & Dist.-Jhargram, Pin-721507

Memo No: NIT/413/24-25/DBT

Date: 23.08.2024

NOTICE INVITING TENDER

Seal tenders are invited from the manufacturers, authorized distributors and/or suppliers for small equipments for the **Department of Chemistry** under the DBT star College grant (**San. No. 102/IFD/SAN/911/2024-2025 dated 11.06.2024**). The interested manufacturers, authorized distributors/suppliers/dealers may submit tenders in the prescribed proforma (**Annexure I**) to the office of the Principal, Jhargram Raj College, Jhargram latest by August 31, 2024. Tenders in any other format will not be entertained and will be rejected outrightly. The Principal, Jhargram Raj College reserves the right to select the items (in single or multiple units) or to reject any quotation without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected. The envelope containing tender must clearly be **superscript the name of the Department and the memo number** of the tender notice.

For details, please visit College website- www.jrc.ac.in.

Terms and Conditions of Bid

1. Only manufacturer(s) or their sole authorized distributors/ agents are eligible to bid. Authorization letter in the prescribed format (**Annexure – II**) from original manufacturer in favour of authorized Agent to bid/conclude the order against this tender must be enclosed with the technical bid.
2. All offers should be made in English and should be written in both figures and words. All offers should be quoted in INR currency and comprehensive maintenance for three years for all the equipment. The rates once accepted will remain valid for the period up to 31st March, 2025 and will not be changed under any circumstances.
3. No advance payment must not be claimed against any work order before the delivery of the items at a time to the Office of the Coordinator, DBT star College scheme, Jhargram Raj College.
4. No installation charge and post-sale service will be claimed at any circumstances.
5. The Rate should be quoted as per specification excluding of All Taxes. **The L1 bidder will be selected based on the quoted price of the materials excluding taxes.**
6. **Any distortion in the technical specification indicated and also all terms & condition as indicated by the tender inviting authority for any of the items will reject the entire bid of the bidder.**
7. The bidders must have successfully completed at least 3 similar orders in the central and the state government agency/institution. Copy of the purchase order must be attached with Technical Bid.
8. Signed & stamped compliance sheet of the technical specification with make and model of the equipment with technical printed literature along with Bill of Material (BoM) mentioning all the terms & conditions clearly, must be enclosed with the bid.
9. Photocopy of the financial statements with net profit, duly audited/certified by the chartered accountant (CA) of the last three financial years along with the copies of income tax return (ITR), IGST certificate, PAN No., current trade license and a cancelled cheque must be enclosed with the tender (**Annexure III**).
10. The tenderer should not have been debarred or blacklisted by any Central/State Government Departments of India. Self-declaration in their letter head must be enclosed with the technical bid in prescribed format. The proforma of the self-declaration is attached with the tender as **Annexure –IV**.
11. The tender bid will be out rightly rejected if it comes to the notice of the tender inviting authority during scrutiny that the credential or any other paper of a tenderer is fabricated etc. and the tender inviting authority shall verify the abovementioned documents (In original) which are mandatory for the participation before issuance of the work order.
12. The tenderer viz. the Indian Agents and or the foreign firms should furnish a certificate that the rates quoted by the tenderer are not more than those quoted to any other Institution in India or abroad during the last one year, with supporting documents.

13. In case of any dispute, the College's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.
14. The delivery should be made to the office of the coordinator, DBT Star College within seven (07) days from date of issuance of work order (**All the items at a time**). The supplied items will be physically verified and compared with the detail specification of individual items by the coordinator during delivery.
15. The violation of any of the conditions will entitle cancellation of the order.
16. Payment of bills on its production will be made after successful supply of the items within stipulated time, after the successful installation of each and every individual.
17. Any postal delay will not be entertained and bids reaches after 5.00 pm of the stipulated date (31th August, 2024) will not be accepted.

Itemised Detail Specification of the instruments

	Name of Equipment	Specification	Make
01	μ-Controller Based Photoelectric Colorimeter with 8 Filters(1 ml)	Wavelength Range: 400-700 nm with 8 filters, Filter Peak Wavelength(typically): 420nm,440nm, 490 nm, 520nm, 540 nm,570 nm, 600 nm, 700 nmm , Measuring Mode: %T Abs, Conc & K factor, Photo electric Resolution: 0.1%,T, 0.001 Abs upto 1.999 Abs, Display: 2 line 16 Character LCD, K Factor Range: 0 to 1999, Dimension : 160 x 200 x 100 mm, Weight 1.5 kg	Systronics
02	Digital Conductivity - TDS Meter with cells (1.0CC & 0.1CC) and Temp. probe	Frequency: 100 Hz or 1 KHz Automatic, Conductivity Range: 0.1 uS to 100 mS. (6 decadic ranges), Accuracy:±1% of F.S. ±1 digit, Resolution: 0.001μs, TDS Range: 0.1 ppm to 1.00ppt. (6 decadic ranges), Accuracy: ±1% of F.S #1 digit, Temperature Range : 0 ⁰ C to 100 ⁰ C(Auto/Manual), Resolution: 0.1 ⁰ C, Accuracy: ±0.2 ⁰ C to ±1 digit, Cell Constant: Acceptable from 0.1 to 5.0, Auto Temp Compensation: 0 ⁰ C to 100 ⁰ C with PT 100 sensor,Display: 7 digits, 7 segment LDs, Power 230 volt AC, # 10%, 50Hz, Dimension: 250(w) x205(D) x 75(H) mm	Systronics
03	μ-Controller Based pH system with electrode & Temp probe	Micro controller based 3 point calibration for pH pH Range : 0 – 14 0.01 pH Resolution mV Range : 0 - +1999 1 mV Resolution Temperature compensation : Auto / Manual Readout : 7 digits LED (3 digits for Temp. and 4 digits for pH) Printer interface for 80 Column D.M. Printer	Systronics
04	Digital Potentiometer	High quality precision manual instrument Accurate End point Uniform Stirrer mV Range : 0 - +1999 Resolution : 1 mV Readout : 3 ½ digit LED	Systronics
	Automatic melting point Apparatus	Display : Digital 3 1/2 Digit, Bright LED Weight : 5 Kg Type of Product : Automatic Melting Point Apparatus Temperature : Room: 350°C, Frequency: 50 Hz Dimension : L 405xB 360xH 235 mm	Labtronics
05	Automatic Digital Polarimeter	Automatic Digital Polarimeter Digital Automatic polarimeter Domestic advanced digital circuit and microcomputer control. Graphical LCD display. Storage of three times result for Re-M (repetition measurement) and calculation of average value. Measurement of dark-colored sample. USB interface. Measurement range -70 ⁰ to +70 ⁰ (optical rotation) and -200 ⁰ to +200 ⁰ Z (sugar scale). Most suitable for sugar content measurement.	LABTRONICS LT-740
06	Ultrasonic cleaner with 5L capacity	Ultrasonic cleaner with capacity Ultrasonic Cleaner Capacity 2 Lts, Inner & Outer both in SS, provided with digital timer & temperature. It is useful in electroplating, electronics, automobiles and machine tools. These efficient cleaners are capable of removing dust, wax, flux, dirt, rust, finger prints and grease, they proposed range of sturdily constructed and reliable cleaners is available in multiple specifications. Net weight 3.5kg, highly accurate & durable.	LABTRONICS LT-350A

07	Water Bath Shaker	<p>Water Bath Shakers is a laboratory equipment which is used to agitatedly shake and mix samples while maintaining a constant temperature. It is popularly used in forensic labs for various application such as culturing cells, hybridization, and molecular biology assays. The inner casing of the device is manufactured using stainless steel for sanitary and larger service life. Water Bath Shakers is equipped with a magnetically coupled shaking mechanism for efficient stirring. It is provided with a digital control system which make it very easier to adjust various parameters like temperature, speed and is also equipped with an indicating display to indicate water level.</p> <p>Product details</p> <table> <tr> <td>Brand</td> <td>Remi</td> </tr> <tr> <td>Depth</td> <td>300</td> </tr> <tr> <td>Heating up to</td> <td>95 Degree C</td> </tr> <tr> <td>Height</td> <td>165</td> </tr> <tr> <td>Voltage</td> <td>220 - 240 V 50 Hz Single Phase</td> </tr> <tr> <td>Width</td> <td>335</td> </tr> <tr> <td>Inner Chamber</td> <td>SS 304</td> </tr> <tr> <td>Stroke Length</td> <td>25 mm</td> </tr> </table>	Brand	Remi	Depth	300	Heating up to	95 Degree C	Height	165	Voltage	220 - 240 V 50 Hz Single Phase	Width	335	Inner Chamber	SS 304	Stroke Length	25 mm	REMI RSB-12
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08	Water Bath	<p>Water Bath with microprocessor control, timing function, digital display Audible and visual alarm for over temperature Temperature range: RT ± 5°C-99 °C Temperature stability: ±0.5°C Tracking alarm: ±2,,f Chamber volume:15 Ltrs Interior Dimension (mm): 450 x 300 x 110 Timing range: 1~999min No of whole: Double lines six holes Electrical requirements: 220V, 50Hz, Single phase Power Consumption: 1500W</p>	REMI RWB 6																
09	Microprocessor controlled Hot air Oven	<p>HOT DRY AIR OVEN Technical Specification Chamber volume :80Lli Internal dimension (mm) : 450 x 400 x 450 External dimension (mm) :740 x 618 x 630 Temperature range:RT+10°~300°C Temperature accuracy : 1°C Display resolution:±1°C Timing range :1~9999min Number of Shelves : 2 Electrical requirements : 220V, 50Hz, Single phase</p>	REMI Model No. RDHO 80																
10	Binocular Microscope with LED Light Source	<p>Anti-Fungus Achromatic Objectives iNEA4x,10x,40x (spring) & 100x (oil, spring) in-built in 6V20W halogen LED light illuminator with universal SMPS Power supply for 100V-240V quadruple ball bearing nosepiece, co-axial coarse and fine focus drive control Optics with multi layer coating Main operating controls within easy reach Easily interchangeable objectives</p>	Magnus-MLX-B Plus																
11	Digital Balance High precision	<p>Capacity: 520 gm; Pan Size:90 mmØ; Calibration: Internal; Readability: 0.001g(1mg); Linearity(±):0.002g; Min Capacity: 100mg; Respose Time: 4-5 sec; Tare Range: Full; Operating Temp: 15°C to 30°C; Density: Yes(Optional); Unit: mg, g, ct, ozt, GN, DWT, LB ; Key Sound: Yes; Weighing Chamber Height: 195mm; Baud Rate: 600, 1200, 2400,4800,9600; Class:I; Interface: RS232C; Data Output Mode: Command and Continuous Output; Power Supply: AC 220v/50-60Hz; Dimension(LxWxH): 220x360x345mm; Weight: 10kg</p>	Wensar EPB7T																

12	Rotary Evaporator	<p>Rotary evaporator</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Provided with 128x64 Graphic LCD screen display. 2. Brushless Motor with high Torque, Noise free & self-Cooling. 3. German Motorized Auto lift arrangement Displacement 150mm. 4. PID temperature controlled water / oil bath upto +5⁰C to 180⁰C 5. Individual RPM / Heater Digital Control. 6. Audio / Visual Alarm. 7. Water / Oil bath capacity up to 4.5 liter 8. Geared drive with High torque even at low speeds Ranging from 20 to 300 RPM 9. Borosilicate Glass Assembly with double coiled condenser 10. Pear shaped evaporating flask capacity 800ml, B-24 joint 11. Receiving flask capacity one liter fitted with a ball joint. <p>Recirculation Chiller:</p> <p>Technical Specifications:</p> <ol style="list-style-type: none"> 1. Splash –proof key pad with integrated mains switch. 2. Powerful immersion pumps, suitable for continuous operation. 3. Easy filling form the top with hinged protective lid. 4. Audible alarm signal 5. Removable venting grid for cleaning of the condenser. 6. Air cooled refrigeration unit 7. CFC free refrigerant 8. Microprocessor based temperature controller. <p>Vacuum Pump:</p> <p>Vacuum Pump with moisture trap.</p> <p>Portable diaphragm type pumps cum oil - free air compressors which are manufactured from special Grade aluminum for light weight and good strength. Diaphragms are made of 2 - ply nylon reinforced neoprene rubber. Valves are SS 316 while special sealed bearings are used hence no lubrication is Required.</p> <p>Salient Features:</p> <ul style="list-style-type: none"> • No Lubrication required • Noiseless performance • Absolutely Portable • Totally Oil - free construction • Practically maintenance free • Built - in micro suction filter • Special diaphragms available (TEFLON / VITON etc.) • Extra-large bearings for trouble - free and smooth running <p>Motors available in 110 V AC also</p>	SPAN
13	Thermostatic Water Bath	<p>Thermostatic Water bath</p> <p>Specification:</p> <p>The electrically operated Rectangular Water Bath are made of thick stainless steel and feature constant water levels maintained inside them. For optimum performance, these also come complete with concentric rings having 75 mm dia, wire plugs and with suitable drainage facility. The bath machine also comprises thermostatic controller that allows better control of temperature levels with removable glass tray and stainless steel platform for drying of sections. Some of the applications these are used in include for sterilizing purpose.</p> <p>Size : 6 holes of 75mm dia.</p>	LAB SOLUTION INDIA
14	Magnetic Stirrer	Magnetic Stirrer 1 liter capacity with Digital Speed Indicator	Rremi-IML



Principal
Jhargram Raj College

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Jhargram Raj College

NIT/413/24-25/DBT

Date: 23.08.2024

Copy forwarded for information and taking necessary action to:

1. The Hon'ble District Magistrate, Jhargram
2. The Sub-Divisional Officer, Jhargram.
3. The Treasury Officer, Jhargram.
4. The Block Development Officer, Jhargram.
5. The Post Master, Jhargram.
6. The Chairman, Jhargram Municipality.
7. Dr. Garima Gupta, Program officer, DBT, GoI, New Delhi
8. Dr. Tapas Kr. Adalder, Coordinator, DBT Star College Scheme, Jhargram Raj College.
9. College Notice Board.
10. Sri Diganta Das, Librarian, Jhargram Raj College
11. Sri. Sayantan Roy, Convener website committee, Jhargram Raj College
12. Sri Sandip Sarkar, Convener, purchase advisory committee, Jhargram Raj College



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Jhargram Raj College

Proforma for Quotation (Annexure I)

Sl. No.	Name of the instrument	Technical specification with make and model	Whether technical printed literature along with Bill of Material (BoM) submitted or not	Catalogue Price (INR)	% of discount on the catalogue price	Rate excluding GST after Discount

Annexure – II

FORMAT FOR MANUFACTURER'S AUTHORISATION LETTER TO AGENT (on letter head)

Ref. No. Date:

To,
The Principal/Officer-in-Charge,
Jhargram Raj College,
Jhargram,
West Bengal 721507

Sub.: Authorization Letter

Dear Sir, We, _____, who are established and reputed manufacturers of _____, having factory at _____, hereby authorize M/s. _____ (name & address of Indian distributor /agent) to bid, negotiate and conclude the order with you for the above goods manufactured by us.

We shall remain responsible for the tender / contract / agreement negotiated by the said M/s. _____, jointly and severely.

We ensure that we would also support / facilitate the M/s _____ on regular basis with technology / product updates for upgradation / maintains / repairing / servicing of the supplied goods manufactured by us.

In case duties of the Indian agent / distributor are changed or agent / distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new

Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent / distributor.

Yours faithfully,

[Name & Signature] for and on behalf of M/s. _____ [Name of manufacturer]

Note: This letter of authorisation 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 manufacturer. A copy of notarised power of attorney should also be furnished.

Bidders Information (Annexure-III)
(On bidder letterhead)

1. Name of the party (In Capital letter):

2. Permanent address (proof needed):

3. (a) Name of the Contact Person
(b) Contact No.
(c) Email.ID

4. Communication address (proof needed)

5. Trade license No. & date: (Renewed)

6. (a) PAN card No. (Business):
(b) (GST No.)
(c) Annual Turn Over (Prof Needed)

7. Nature of business

8. Bank detail (Kindly attach scanned copy of one Cheque)
 - a. A/C No.

 - b. Name of the Bank and Branch

9. Other Relevant Information of the Bidder:

N. B.: Copy of the documents should be furnished along with the application. I declared that all terms and conditions will be followed by me and the submitted documents are true to the best in my sound knowledge and belief.

Dated:

Signature of Party (With seal)

Annexure-IV

FORMAT FOR self-declaration of NON-BLACKLISTING OF SUPPLIER (On letter Head)

I/ We _____Manufacturer/partner/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier) _____ do hereby declare and solemnly affirm that the individual/firm/company is not black-listed by the Union/State Government/Autonomous body. We hereby confirm that the we will withdraw our bids if the tender inviting authority find us guilty of blacklisting by any authority across the country or the tender inviting authority can cancel our entire bid at any point of tender process.

Signature of the Deponent

Address _____