

TENDER DOCUMENT

Supply of Scientific Equipments

Regional Plant Resource Centre

Nayapalli, Bhubaneswar-751015

Government of Odisha,

Forest and environment department

-Sd-

CHIEF EXECUTIVE

REGIONAL PLANT RESOURCE CENTRE

BHUBANESWAR



REGIONAL PLANT RESOURCE CENTRE

Nayapally, Bhubaneswar-751015, Orissa

Forest & Environment Department

Government of Orissa

Advt.no. 2770/RPRC

Dated 05.12.2016

Tender Call Notice for supply of Scientific Equipments

Sealed tenders are invited from reputed manufacturers (Principal)/authorized agents/ distributors/dealers engaged in supply of scientific instruments having valid VAT / CST registration for supply of the listed instruments. The technical specifications, other terms and conditions and formats are available in the website www.rprcbbsr.com, which can be downloaded for use. Interested parties may submit their tender through Hand/ Speed Post/ Registered Post/Courier service, which should reach the undersigned on or before **Dt. 21.12.2016 (5.00 PM)** positively. Incomplete tenders and tender documents received after the due date and time will not be considered. The undersigned reserves the right to reject any or all the tenders without assigning any reasons thereof.

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CHIEF EXECUTIVE

Terms and conditions for supply of Scientific Equipments

1. Sale of Tender paper:

The tender papers, containing the detailed specifications of equipment, list of documents to be submitted etc. will be available at Regional Plant Resource Centre, Bhubaneswar from **Dt. 06.12.2016** (during the office hours only), on payment of a non-refundable fee of **Rs. 420/- (Rs. 400/- +VAT@5%)** in cash or in shape of pay order/demand draft drawn in favour of Chief Executive, Regional Plant Resource Centre (RPRC), payable at Bhubaneswar. The same can also be downloaded from our website www.rprcbbsr.com and in such a case, the cost of tender paper is to be enclosed in shape of D.D/Bankers cheque drawn in favour of Chief Executive, RPRC, payable at Bhubaneswar along with the tender. The cost of tender paper and **EMD (Details of EMD to be submitted for each item is enclosed at Annexure-I)** should be submitted in shape of Demand drafts/ Bankers cheque. In case of any bid amendment and clarification, responsibility lies with the tenderers to collect the same from the notice board/ website of RPRC before last date of submitting the tender document. Non-payment of cost of tender paper and EMD will amount to rejection of the tender.

2. The last date of receipt of tender documents in this office by Hand/ Speed Post/ Registered Post/ Courier Service is **Dt. 21.12.2016 (up to 5.00 PM)**. The Technical bids will be opened by the Tender Committee of RPRC on **Dt. 22.12.2016 (at 11.00 AM)** in presence of the authorised representatives of the tenderers who like to be present at that time. The date of opening of the financial bids of technically qualified tenderers shall be communicated to them in due course of time.

3. Bid System:

- a) The tender should be submitted in two bid system i.e., “Technical Bid” and “Financial Bid”. Technical bid contains documents as per the tender terms along with EMD and cost of tender paper in appropriate shape. The technical bids containing information on price, directly or indirectly, will be liable for rejection. Financial bid contains only the price bid as per **Annexure-IV**. The technical bid and financial bid required to be submitted in two separate envelopes clearly mentioning on top of the envelope “Technical Bid” and “Financial Bid” respectively and both of these should be placed in a big envelope marked with “Tender for procurement of scientific equipments for RPRC”.
- b) Name and Specification of the equipments are given in **Annexure-II**.
- c) General description of the quoted equipment should be as per **Annexure-III**.
- d) Total Quoted Price (**INR**) should be based on **F.O.R.** delivery upto RPRC, Bhubaneswar. Price for (Item Sl.#1 to 10 in Annexure-II) should be ‘Single Consolidated’. Plus, break up prices against all taxes, freight, packing, transit insurance, forwarding, custom clearance, transportation, installation & training etc. should be clearly mentioned separately indicating percentage and amount in price quotation.
- e) Quoted Price (INR) for Optional Items should have ‘individual rate’.
- f) The clearing & forwarding etc. of the equipment will be done by the tenderer only. RPRC will provide necessary documents, if required.
- g) The rates quoted by the tenderer shall be valid for a period of 90days from the date of submission of tender.

4. Eligibility Criteria

- a) Submission of price (INR) as per prescribed format.

- b) Copy of VAT/CST registration certificate and up to date VAT/CST clearance certificate.
- c) Tender paper cost (Original receipt of tender paper)
- d) Required EMD.
- e) Alternative price for any item will not be allowed, for which tender would be rejected.
- f) Copy of PAN to be submitted.
- g) Undertaking that the tenderer has not been blacklisted by any Govt. Organization/Institution.
- h) Undertaking that the quoted item qualifies the required technical specification.
- i) Check list of documents submitted (Should be attached as **Annexure V**)
- j) Copy of recent past performance (certificate/relevant doc.). (Should be attached as **Annexure VI**)
- k) The tenderer (in case of authorized agent/distributor/dealer of reputed manufacturer) should have sufficient credential in supplying of scientific equipments through at least last 5 years of their establishment in India (evidenced with relevant documents).

5. Validity of Tender:

- a) The tender shall remain valid for a period of 90 days after the last date as specified in the tender.
- b) Notwithstanding the above, the purchaser reserves the right to accept or reject any bids and to cancel the bidding process and rejects all bids at any time prior to the issue of Purchase order.

6. Issue of Purchase Order:

- a. The purchase order will be placed on the qualified tenderer whose bid will be selected by the purchaser prior to expiry of the bid validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- b. The delivery should be completed within 60 days from the date of receipt of the confirmed purchase order as per the quality and specification of the equipment.
- c. The packaging should be done in such a way that the quality of the equipment is not damaged.
- d. At the time of inspection if any item is found not as per the order the tenderer will replace the same immediately otherwise payment will not be released for defective items.
- e. Irrevocable Letter of Credit (LC) for 100% cost of the equipment shall be opened in the supplier's Bank for imported equipment and 90% of the cost of the equipment shall be released on receipt of despatch documents through Bank; balance 10% shall be paid on successful installation and demonstration of the equipment in RPRC Lab.
- f. In case 100% payment is requested by a foreign Principal against despatch of goods, its Indian agent has to submit a Bank Guarantee equivalent to 10% of the invoice cost.
- g. Any effort by a tenderer to influence the purchaser in its decision on bid evaluation or placement of purchase order may result in rejection of the tenderer's offer.
- h. If the selected tenderer fails to execute the order the EMD would be forfeited and action would be taken to blacklist the tenderer.

i. Any legal dispute arising out of this is subject to Bhubaneswar jurisdiction only.

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(Chief Executive)

Regional Plant Resource Centre

Bhubaneswar

Annexure-I

REQUIRED EMD FOR DIFFERENT EQUIPMENTS

Scientific Equipments	EMD price in Rs.
1. Rotary Evaporator (Vacuum)	2000
2. Digital Magnetic Stirrer With Hot plate	Not Required
3. Convection Microwave Oven	Not Required
4. UV/VIS Spectrophotometer	2000
5. Refrigerator	Not required
6. Electrophoresis with Power Pac	2000
7. Multifunction Printer	Not Required
8. DSLRs Camera	Not Required
9. Frost Free Refrigerator	Not Required
10. Water Bath with circulator	Not Required

Annexure-II

REQUIRED TECHNICAL SPECIFICATION OF SCIENTIFIC EQUIPMENTS

Scientific Instruments	Technical Specifications	Quantity
1. Rotary Evaporator (Vacuum)	Round bottomed evaporating flask with double coil, vertical condenser with water bath (Digital temperature controller), with double stage diaphragm pump. (Capacity of 50 ltrs.)	1
2. Digital Magnetic Stirrer Hot plate	Size: 26x26, Temp: 50°C -320°C, Load: 16kg. (max.), Capacity: up to 15ltr., Material: Ceramic/S.S, RPM-100-2000, Error Code Display, Stirring bar length: 20-80mm, Power: up to 700watt.	1
3. Convection Microwave Oven	Type: Convection, capacity: 32 ltr., Colour: Balck Checker, cavity: Stainless steel, Control Type: Tact Dial Type, Auto Cook Menu: 201, Indian Auto Cook Menu: 132, Microwave frequency (MHZ) 2450, Watts Microwave (output): 900, Watts Grill (input): 1250, watts Convection (Input): 2454 (max), Watts Combination (Input0: 2500(max), Intellowave Technology: Yes. Microwave power levels: 5, Convection features: Turntable Diameter: 340mm, Cooking Completion Alarm: Yes, Child lock: Yes	1
4.UV/VIS Spectrophotometer	Range (190-1100nm) Band width: (2nm) Readability: (0.1nm) Accuracy: (± 0.5 nm) Repeatability: (± 0.2 nm) Light source: Deuterium Lamp (D ₂) & Tungsten (W) Halogen lamp	1

	Detector: Silicon Photo Diode	
5. Refrigerator	Double door, Capacity: 345 ltr., Rating: 3 to 5 star, 1yr. Warranty, 5 yr. Warranty on compressor.	1
6. Electrophoresis with powerpac	<p>Bolt Mini gel tank can accommodate up to two gels per run.</p> <p>The unique tank design will enable convenient side by side loading and enhanced viewing during use, forward facing wells for faster and easy loading</p> <p>Run completion time: within approximately 35 minutes.</p> <p>The unit will contain gel runner tank, cassette clamp (left), cassette clamp (right), tank base, tank lid, gel knife, power supply adapters.</p> <p>2X the sample volume</p> <p>No sample spill over</p> <p>White stand for better visualization</p> <p>Unique well design allows increased sample loading capacity.</p> <p>It should include 2 casters with glass plates, combs, spacers, buffer, Acrylamide, APS and TEMED</p> <p>The caster should have unique tilt feature to pour gel</p> <p>Powerpac specifications</p> <p>Input Power - 230 VAC, 50/60 Hz</p> <p>Fuses - One 4A/250V, one extra fuse may be provided for future use</p> <p>Output power in watts 300 watts</p> <p>Output voltage range 5~250 V</p> <p>Output current range 10 mA~3 A</p> <p>Timer ~99.99 per step</p> <p>Terminal pairs -4 (4 positive voltage and 4 negative voltage)</p> <p>Operating Modes - Constant Voltage 1V step , Constant Current 1 mA step , Constant Power 1 watt step</p> <p>Display type Backlit LCD Graphic type</p> <p>Safety features - No Load Detection, Load Change Detection, Overload Detection, Ground Leak Detection, Auto Restart</p> <p>Program: up to 10 steps</p> <p>Operating temperature 0°C-40°C</p>	1
7. Multifunction Printer	<ol style="list-style-type: none"> 1. Product Type: Laser Jet Printer 2. Colour Type: Black and White 3. Function: Print, Scan, Copy 4. Printing Output: Black and White 5. Print Technology: LaserJet 	1

8. DSLRs Camera	1. Megapixel: 24 & above 2. Image Sensor: CMOS 3. Screen Type: LCD 4. Auto Focus: TTL secondary image forming phase-difference detection system with AF-dedicated CMOS sensor 5. Manual Focus: Yes 6. Number of Focus Points: Up to 27 points	1
9. Frost Free Refrigerator	1. Type: Double Door 2. Capacity: 310litres and above 3. Defrosting Type: Frost - Free	1
10. Water Bath with circulator	Temp.: Ambient to 95°C Digital display, Microprocessor based PID controller 10 ± 1.0°C	1

Annexure-III

GENERAL DESCRIPTION OF THE EQUIPMENT QUOTED BY TENDERER

Name of manufacturer	Make and model	Catalogue No.	Technical specification	Warranty period	Name of Tenderer

Annexure-IV

FINANCIAL BID: DETAILED TECHNICAL SPECIFICATION AND PRICE				
Item Serial No.	Part No.	Technical Specification	Quantity	Price (INR)
Single consolidated Price for Main System(Sl.1-6)				
-Less discount, if any				
Taxes, if any				
Freight, packing, transit insurance, forwarding, custom clearance, transportation, installation etc.				
TOTAL PRICE (F.O.R, RPRC, Bhubaneswar)				