

TENDER DOCUMENT

(PURCHASE OF LABORATORY SCIENTIFIC
EQUIPMENTS)

2018 – 19



भाकृअनुप – केन्द्रीय कपास अनुसंधान संस्थान
पोस्ट बैग नं. 2, शंकर नगर पोस्ट ऑफिस, नागपुर – 440010



ICAR – CENTRAL INSTITUTE FOR COTTON RESEARCH
POST BAG NO.2, SHANKAR NAGAR POST OFFICE, NAGPUR - 440010

ISO 9001 – 2015 Certified

—: कार्यालय :—

खापरी फाटा के पास, पांजरी, वर्धा रोड, नागपुर – 441108
(फोन नं. : 07103 – 275637 / 38 / 39, फॅक्स : 07103 – 275529)

Near Khapri Phata, Panjari, Wardha Road, Nagpur - 441108
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F. No. (51)St/Laboratory Scientific Equipments/HQ NGP/2018-19

Date: 27.09.2018

TENDER NOTICE

Sealed tenders are invited by Director, ICAR-CICR, Nagpur in two bid system i.e. **Technical Bid** and **Financial Bid** from reputed firm/manufacturers/authorised agents for the purchase of following laboratory scientific equipments:

Sl. No.	Name of the Equipment	EMD (₹)	Tender Fee (Non Refundable) (₹)
1	Desiccant Dehumidifier (Detailed specifications in Annexure - A)	20,000/-	500/-
2	Multi-position Magnetic Stirrer with Hot Plate (Detailed specifications in Annexure - B)	2,000/-	500/-
3	pH Meter (Detailed specifications in Annexure - C)	6,000/-	500/-
4	Double Beam UV-Visible Spectrophotometer (Detailed specifications in Annexure - D)	15,000/-	500/-
5	Deep Freezer (-20°C) (Detailed specifications in Annexure - E)	5,000/-	500/-
6	SPAD (Chlorophyll) Meter (Detailed specifications in Annexure - F)	15,000/-	500/-

Note: EMD Calculated @5% of the Budgeted amount.

For Downloading the Tender Document please Visit www.cicr.org.in & CPP Portal - <https://eprocure.gov.in/epublish/app>

Tender Cost Fee of ₹ 500/- (Rupees Five hundred only) (Non Refundable) is in the shape of Demand Draft in favour of "The Director, ICAR-CICR, Nagpur" should be enclosed with the Envelope.

Last date for the submission of the Tender document at CICR, Panjari, Nagpur is on or before 04.00 PM on 24.10.2018.

Date of Opening of Bid: 02.00 P.M. on 25.10.2018.

To

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Subject: Tender for the purchase of Laboratory Scientific Equipments at Central Institute for Cotton Research, Near Khapari Phata, Panjari Farm, Nagpur (Maharashtra).

Sir/ Madam,

Bids are invited by CICR, a Research Institute under ICAR, Ministry of Agriculture & Farmers Welfare, Govt. of India for the purchase of Laboratory Scientific Equipments from reputed firm/manufacturers/authorised agents. You are requested to submit your tender in two bid format (**Technical & Financial**).

TERMS AND CONDITIONS

The tenderer shall have to furnish the offer in two separate envelops, clearly Mentioning Envelop No.1 "**Technical Bid for Equipment (Name) _____**" and Envelop No. 2 "**Financial Bid for Equipment (Name) _____**".

Both the envelops must indicate the description of the tender and then both should be placed together in one sealed cover, indicating "**Purchase of Laboratory Scientific Equipment (Name) _____ at Central Institute for Cotton Research, Nagpur (Maharashtra)**".

The tender must be sealed and bear the stamp of the firm/ company on the face of the envelop and outer sealed cover. The technical bid and financial bid will be opened on two different dates.

The technical bid will be opened on due date as mentioned in the tender document.

The financial bid will be opened in respect of only those tenderers whose documents are found in order as per technical bid and whose items meets CICR specification and terms and conditions as given in the tender document.

The requirements of technical bid are as under:

1. Technical proposals submission letter on the letterhead of the firm clearly indexing the enclosures.
2. No Blacklisted firm any Govt. department/organization during last 5 year.
3. Original Tender document duly stamped & signed on each page, as a token of acceptance of all terms and conditions laid down in the tender document.
4. Detailed profile of the Company, Articles/Memorandum of Association.
5. **Copy of PAN Card, Authorization & ISO Certificate, GST Registration Certificate and Company Registration Certificate. The company should operate in the same name and style at least for the last three years.**

6. **Valid Authorization letter from the Principal must be enclosed.**
7. Latest GST Clearance certificate.
8. Supporting documents of orders executed.
9. Technical Brochures of items quoted. Printed and published Brochure and / or Web site reference essential for Technical Evaluation.
10. **Balance Sheet, Profit & Loss Account of the last year should be attached dully certified by CA.**
11. IT returns filed for past 3 Assessment Years.
12. Demand draft for the Earnest Money Deposit.
13. **Comprehensive warranty of at least two year or above.**
14. The firm participating in the tender will be required to deposit an account payee bank draft **for each equipment** being the Earnest Money Deposit, in the name of "The Director, ICAR-CICR, Nagpur" payable at Nagpur and to enclose the same with the Technical Bid. Earnest Money in any other form shall not be accepted and the tender would be summarily rejected. The earnest money shall be refunded without interest after deposit of security money by the successful bidder. However, the successful bidder will be required to deposit security money calculated at **10% of the Equipment cost** in the shape of Demand Draft in favour of "Director, ICAR-CICR, Nagpur", payable at Nagpur which shall be refunded after six months of successful completion of the contract.

The Financial bid is as under:

1. The Quotation(s) should be sealed and Superscripted on cover "**Quotation for Laboratory Scientific Equipment (Name)** _____ and addressed to the undersigned.
2. The rates Quoted (in Indian Rupees) should be F.O.R. CICR, Khapari Phata, Panjari Farm, Nagpur - 441108 including GST/Taxes. For imported items/ quotes, the rates should be quoted on F.O.B., C.I.F. & CIP basis. **Taxes, if any should mentioned separately.**
3. **The firm is responsible/liable to pay all the local taxes and also to arrange Road Permit Certificate. Documents, if required for such purpose may be provided on request.**
4. Indian Agents quoting behalf of their foreign principals should provide necessary authorization letters from their principal along with quotation.
5. The terms & conditions, period of warranty, A.M.C and ime required for supply/installation should be mentioned clearly
6. Firms registered under NSIC are exempted from the payment of tender fee and EMD.

7. **The details regarding the infrastructures facilities to provide service support and the list of clients should be furnished. All the relevant brochures in printed form with full details of the equipment should be enclosed.**
8. In the event of material supplied not in conformity with the same standard and specification furnished in the quotation, the items/material supplied is liable to be rejected and returned to the supplier at their cost
9. (A) **Payment for goods quoted in Indian Rupees:** 100% payment will be made after satisfactory supply and installation of items or subject to submission of 10% of total value of consignment towards performance security money.

(B) **Payment for goods supplied from abroad:** 100% of FOB Value of Orders will be made in the shape of Foreign Demand Draft/ Letter of Credit after satisfactory supply and installation of items ordered subject to submission of 10% of total value of consignment as Performance Security Money. Indian Agency commission should be quoted separately and will be paid in Indian Rupees to the bidder's agent against the submission of claim.
10. **In case of imported goods**
 - (A) The Institute will issue Departmental of Scientific and Industrial Research (DSIR) certificate on request, for Custom Duty Exemption. However, Custom clearance charges, if any will be borne by the firm/Indian agent on behalf of the institute, for which any documents will be produced & consignment should be forwarded to the Institute CICR, Near Khapari Phata, Panjari Farm, Nagpur – 441108 immediately after custom clearance Exemption. However, Custom clearance charges, if any will be borne by the firm/Indian agent on behalf of the institute, for which any documents will be produced & consignment should be forwarded to the Institute CICR, Near Khapari Phata, Panjari Farm, Nagpur - 441108, immediately after custom clearance.
 - (B) Air Freight & Insurance Charges up to F.O.R CICR, Near Khapari Phata, Panjari Farm, Nagpur – 441108 will be borne by firm/Indian Agent on behalf of this Institute & amount of which will be reimbursed in Indian currency, by the Institute on production of relevant documents in original.
11. The Director, ICAR-CICR, Nagpur does not intend to accept the lowest quotation or any other quotation and reserves the right to cancel any quotation or all quotations without any notice. The decision of The Director, ICAR-CICR, Nagpur is final.
12. **The firms should submit Quotation/Tender only if, they are capable to supply the items within 30 days of the date of issue of supply order.**
13. **Liquidated Damages:**
Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or perform the services within the time period[s] specified in the contract, the purchaser

shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damages, a sum equivalent to 0.5% (half percent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance up to a maximum deduction of 10% (ten percent) of the delayed goods or Services contract price. Once the maximum is reached the purchaser may consider termination of the contract if the same have not been terminated already.

Further, during the above mentioned delayed period of supply and/or performance, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground shall not be entitled to any increase in price and cost whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay.

14. **The Institute has adopted two bid systems therefore “Technical Bid” & “Financial Bid” should be kept separately in two different sealed envelopes. Superscripted thereon TECHNICAL BID and FINANCIAL BID a larger sealed packed/envelope.**
15. **The quoted specification should be prepared after taking into consideration the advertised specification and the terms & conditions of the Tender strictly.**
16. If the successful tenderer fails to execute the order within the stipulated period after placing the order, the order will be cancelled.

Yours faithfully,

**Sr. Administrative Officer
for & on behalf of
Director, ICAR-CICR, Nagpur**

Enclosures: Annexure – A, B, C, D, E & F

FINANCIAL BID

ANNEXURE-A

ON COMPANY LETTER HEAD

FORMAT OF QUOTATION

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	<u>DESICCANT DEHUMIDIFIER:</u> <ul style="list-style-type: none">• Unit should be Flat Bed Type.• Should have Humidistat for on/off control.• Auto/Off/manual switch.• Should indicate control panels.• Should have protective circuit.• Compact size for minimum space requirements and easy installation.• Power Utilities: Minimum 220/1/50, 220/3/50, 415/3/50 ±10%.• Process Air Flow: Minimum 600 CMH or Process Volume: Minimum 150-300 scfm.• Process (ESP): Minimum 200 Pa• Reactivation Air Volume/Flow: Minimum 200 CHM or 100 scfm.• Reactivation Heater: Minimum 7 kW• Reactivation (ESP): Minimum 150 Pa.• Max dBA: 75• Washable metal roughing filters• Constant Process Blower• Nominal moisture removal: Minimum 8 lbs/hr at 75°F, 50% RH at 300 scfm.• Dehumidifier shall be a type proven in satisfactory operation for a minimum of ten years.• Dehumidifier shall be functionally tested at the manufacturer's factory and shipped complete with all components necessary to maintain normal operation.• The materials of construction shall be non-toxic and NFPA 255-ASTM E84 compliant.• Desiccant shall not channel, cake or fracture due to repeated temperature and moisture cycling.• Provision of services after sale and supply of parts		01 No.	
Total				

Authorized Signatory with seal/stamp

Address:

E-mail id:

Ph./Mob. No.

ON COMPANY LETTER HEAD
FORMAT OF QUOTATION

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	<u>MULTI-POSITION MAGNETIC STIRRER WITH HOT PLATE</u>		01 No.	
	Parameters	Requirement		
	No. of positions	6		
	RPM Controller	Speed Regulator knob (Individual)		
	Temperature controller	Thermostatic knob (Individual)		
	No. of magnetic bars	6		
	Top MOC	Stainless steel		
	Top design	Rectangular		
	Cabinet	Powder coated MS		
	Power supply	220 Volts 50Hz		
			Total	

Authorized Signatory with seal/stamp

Address:

E-mail id:

Ph./Mob. No.

**ON COMPANY LETTER HEAD
FORMAT OF QUOTATION**

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	pH Meter : <ul style="list-style-type: none">• pH range – 0.00 to 14.00• Resolution / Accuracy – 0.01 pH / + 0.01 pH• No. of pH calibration points up to 3 points.• pH buffer options – 4.01, 7, 10.01; NIST – 4.01, 6.86, 9.18.• Temperature compensation: Automatic / Manual (0-100 °C).• Temperature range – 10 - 100 o C.• Temperature resolution / Accuracy 0.1 o C / +0.3 o C.• Digital display.• Electrode – included IND 786, indigenous refillable glass pH electrode. Swirl arm electrode stand.• Power requirement – AC / DC 9v adaptor (220VAC, 500mA).		03 Nos.	
			Total	

Authorized Signatory with seal/stamp**Address:****E-mail id:****Ph./Mob. No.**

ON COMPANY LETTER HEAD
FORMAT OF QUOTATION

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	<p><u>DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER</u></p> <p>Cell Holder : 10 mm single cuvette holder Bandwidth : 1 nm Optical System : Double Beam (1200 Lines/mm Grating) Wavelength Range : 190-1100 nm Wavelength Accuracy : ± 0.3nm Wavelength Repeatability : ± 0.2 nm Scanning Speed : Fast / Medium / Low Photometric Accuracy : $\pm 0.3\%$T Photometric Repeatability : 0.2%T Photometric Range : -0.3-3A,0-200%T,0-9999C Stability : ± 0.001A/h @ 500nm Baseline Flatness : ± 0.001A Stray Light : $\leq 0.05\%$T @ 220 nm, 360 nm Data Output Port : USB Printer Port : Parallel Port Display : LCD Lamps : Deuterium and Tungsten Halogen Detector : Silicon Photodiodes Power Requirements : AC 220V/50Hz Dimension : 625 x 430 x 206 mm Weight : 20-35 kg.</p> <p>Standard Scope of Supply: UV Analyst Software, 10mm Glass Cuvette - 4 pcs. Power Cord, 10mm quartz cuvette - 2 pcs. Dust Cover - 1 pc.</p> <p>Additional accessories : Portable data logger with windows 8 software with Original MS Office 2013, RAM -3 to 4GB, Memory -1TB, Mouse, Keyboard, Standard configuration and Deskjet Printer (B&W)</p>		01 No.	
			Total	

Authorized Signatory with seal/stamp

Address:

E-mail id:

Ph./Mob. No.

**ON COMPANY LETTER HEAD
FORMAT OF QUOTATION**

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	DEEP FREEZER (-20°C) <ul style="list-style-type: none">• Should be vertical (upright) freezer with automated voltage stabilizer• Capacity: 300-400 litres• Should have Stainless steel at Interior and outer surface• Should have high density PUF insulation• Should have single PUF insulated door• Cleanable and replaceable antifungal grade magnetic gasket• CFC-free eco-friendly refrigerant• Should have Kulthorn / AE2425ZK-SR compressor• Should possess 8 No. of shelves/drawers and should be plastic coated for rust free life• Shelf should be easily adjustable• Should have wheels for easy mobility• Digital/ Electronic temperature display• Power: 220-240 V, 50 Hz• Space saving design with maximum Outer dimension: 700 x 810x 2050 (w x d x h) mm• Should have automatic defrost feature with proper drainage of condensate• There should not be any sharp edges or corners at accessible area• Should be Easy to clean• Should be equipped with resettable type Mini circuit breaker to protect in case of short circuit• Power cord and Harness with Anti-rodent conduit pipes• Warranty: one year & 2nd year free service with Localized spare and service support		01 No.	
Total				

Authorized Signatory with seal/stamp**Address:****E-mail id:****Ph./Mob. No.**

ON COMPANY LETTER HEAD
FORMAT OF QUOTATION

Sl. No.	Technical Specification	Rate (₹)	Qty.	Amount (₹)
1.	SPAD (Chlorophyll) Meter <ul style="list-style-type: none">• Non-destructive, non-invasive instant measurement of leaf chlorophyll content or greenness of plant leaves• Dual optical density measurement at 2 wavelengths (around 650 nm and 940 nm)• Measurement area 2mm x2 mm or better• Measurement time less than 1 second per observation• Light source : 2 LED elements or better• Should be capable of reading leaves of 0.6 mm to 1.2 mm thick• GPS compatible• Silicon Photodiode Receptor• Power source : AA batteries Operated with battery life of 20 000 observations or better• Hand held unit, ergonomically designed, light weight• Display range 0-100 units or better• Accuracy : within ± 1.0 index value unit or better• Current Memory storage-At least 30 observations for editing (delete, review, average)• Repeatability : ± 0.3 index value unit or better• LCD Display measurement panel with minimum 3 digit display of measurement value• In-built data logger to store up to 500 observations, with data transfer option, analytics and PC-interface• To be supplied with standard accessories. Optional quote for accessories may be provided separately• Minimum one year warranty		01 No.	
Total				

Authorized Signatory with seal/stamp

Address:

E-mail id:

Ph./Mob. No.
