



भारतीय कृषि अनुसंधान परिषद,
उत्तरपूर्वी पर्वतीय क्षेत्र अनुसंधान परिसर
उमियम, मेघालय - 793 103
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
ICAR Research Complex for NEH Region
Umiam, Meghalaya - 793 103



F. No. RC(S)95/2017/DBT

Dated Umiam, the 10th October, 2017

TENDER DOCUMENT

FOR

PROCUREMENT OF EQUIPMENTS UNDER DBT FUNDED PROJECT

TENDER No: RC(S)95/2017/DBT : Date: 10th October, 2017
Date & Time for Submission of Tender : 2nd November, 2017, upto 12.30 p.m
Date & time for opening of Tender : 2nd November, 2017, at 2.30 pm.

Total Nos. of pages 07 (seven)



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F. No. RC(S)95/2017/DBT

Dated Umiam, the 10th October, 2017

OPEN TENDER

**INVITATION OF TENDER IS INVITED FOR PROCUREMENT OF EQUIPMENTS
UNDER DBT FUNDED PROJECT
FOR ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA**

Sealed bids are re-invited from the reputed **Manufacturer/ Authorized Dealer/ Government organizations** for supply of Scientific Equipments, having at least 3 (three) years experience in manufacturing/ marketing/ supply of such Equipments/Machineries by ICAR Research Complex for N.E.H. Region, Umiam, Umroi Road, 793103, Meghalaya. The details specification of equipments/machineries is as per Appendix -1.

TERMS & CONDITIONS OF THE TENDER

1. **Cost of Tender paper of Rs. 500/- (Rupees five hundred) only** (Non – refundable) to be deposited in the favour of the Director, ICAR Research Complex for NEH Region, Umiam – 793103 by means of Demand Draft payable at SBI, ICAR Complex Branch, Umiam. Non – submission of the cost of Tender paper (consolidated) shall lead to non – consideration of the Tender.
2. The Bidders should submit the proposals in two parts:
 - I. Technical Bid (Bid –I)
 - II. Financial Bid (Bid-II)
3. Technical part should contain all such details as mentioned in the Bid Document.
4. Financial part (BID-II) should contain the financial bid inclusive of all admissible taxes, duties and levies, installation charges, freight charges, Taxes, etc., as may be applicable etc. The rates quoted should be up to ICAR Research Complex for NEH Region, Umiam and Regional Centers i.e FOR Destination for each particular item. The Financial Bid should consist of the Rates, their detailed break –up, etc. Non-compliance of this shall lead to non-consideration of the Bid. The rates must be valid for at least for 1(one) year from the date of quotation.
5. These two parts (BID-I & BID II) should be submitted in separate sealed envelopes. Both envelop should then be sealed in a third envelop **super scribed as “TENDER NO. No. RC(S)95/2017/DBT dated 10/10/17 due on 02/11/2017 FOR PROCUREMENT OF EQUIPMENTS UNDER DBT TWINNING PROJECT FOR ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA”** and addressed to “THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103”.
6. **Both the consolidated Cost of the Tender as well as the Earnest Money in the form of Bank Draft along with all other Technical Details should be mandatory kept in the Technical Bid only. Cheque/Bank Guarantee/fixed deposit receipt/ money orders/Cash etc. are not acceptable towards deposit of earnest money.**
7. In no case Earnest Money will be accepted after opening of tender.

8. **Details of Earnest Money i.e. draft number and date should be indicated on the cover of the big envelope** otherwise the tender may not be received or opened and returned to the party. All Tenders should be sent by Registered Post. Tenders to be handed delivered should be put in the Tender box, kept in the office chamber of Chief Administrative Officer, ICAR Research Complex for NEH Region, Umiam, Meghalaya-793103 not later than **12:30 P.M. on 2nd November, 2017.** Tenders received after the due date and time shall not be considered under any circumstances.
9. On the date of opening, only Part-I (Technical Bid) will be opened. Part-II (Financial Bid) shall be opened subsequently only of those tender, whose Technical Bid qualifies as per the laid norms of this tender.
10. **Composition of Technical Bid –**
 - I. Profile & Track Record of the company.
 - II. Document in support for Number of years in Scientific Equipments manufacturing/supply.
 - III. Document in support of last supply orders.
 - IV. Balance Sheet for last 3 financial years. Annual Turnover, which will be average of last three years on the basis of balance sheet.
 - V. Photo copy of PAN No. issued by Income – Tax Department. Photo copy of Taxes Registration etc.
 - VI. **Non refundable tender Document Fee of Rs. 500/- in the form of Demand Draft** from any Nationalized Bank drawn in favour of the Director, ICAR, Research Complex for NEH Region, Umiam, Meghalaya payable at State Bank of India, ICAR complex branch (If exempted/relaxed submit the relevant document in support of claim). **Refundable Earnest Money Deposit (EMD) of Rs 5,000.00 (Rupees two thousand only) in the Form of Demand Draft from any Nationalized Bank, drawn in favour of the Director, ICAR, Research Complex for NEH /region, Umiam, Meghalaya.** (If exempted/relaxed submit the relevant document in support of claim) **The Cost of the Tender paper as well as the Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. Non submission of the Bid Security with quotation shall make the quotation/ bid liable to be rejected.**
 - VII. **Furnishing of related documents like detailed specifications, technical literature, brand name, model and make, catalogue, authorization letter, Dealership Certificate, Manufacturing company registration certificate, product certification, price list (if any) etc. is mandatory, Dealership certificate/Agency Certificate for the manufacturer/ manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents. Failing which the quotation shall not be considered.**
 - VIII. **Up-to-date GST/SGST tax certificate, tax clearance, valid registration certificate are mandatory.**
 - IX. Other relevant technical documents/specifications in favour/ claim/ Support of equipments /machines if any may be submitted as additional with the technical bid.
11. **The supply is effected at DGS&D rate contract, wherever is applicable.** The rate should be quoted for list of items as per the tender document.
12. The Buyer shall not be responsible for payment of transit insurance charges.
13. Payment shall be made on actual delivery in good condition and successful installation and demonstration (which should be free of cost and must be completed before payment).
14. In case for Imported goods:

- i. **The price may be quoted in foreign currency and import will be on FOB basis.** However, custom clearance, Inland freight etc. will be the responsibility of the supplier and no separate charges will be paid for that, however, custom duty exemption certificate shall be provided. The supplier should inform well in advance for sending these papers. No demurrage charges will be paid. If the supplier desires, rate in corresponding Indian currency may be quoted. It will be at the discretion of the authority of ICAR Research Complex for NEH Region to accept Indian or Foreign currency prices.
 - ii. In case of any custom duty charge, applicable as per Govt. of India's Notification, the same may be paid by the firm which will be reimbursed to the Indian Agent (who should be a registered firm and with DGS&D immediately, subject to the condition that the bill of entry in original along with all relevant papers are submitted immediately, after custom clearance and installation and demonstration of the items. Installation and demonstration should be free of cost.
 - iii. **The import & payment will be made by means of Foreign Bank Draft/ Site Draft in case of foreign imported goods.** Performance Bank guarantee of 10% FOB value valid till the end of warranty period should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Performance bank guarantee of 10% FOB value, valid till the end of warranty period, should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Draft making charges would go to the beneficiary's account and a scanned copy of the draft, if required, can be sent to the Indian agent by post. Draft would be handed over after successful installation and demonstration which should be completed within 45 days from the date of draft and submission of all documents like bill of entry etc.
 - iv. All imported items should be delivered up to destination i.e. all the import should be free of inland freight charges, insurance etc.
 - v. **Indian Agency Commission rate and amount should be clearly specified as per rules. IAC, wherever applicable, will be paid in Indian Currency only.**
 - vi. In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value
 - vii. Indian Agents quoting on behalf of their principal must be registered firms with DGS&D .They are also requested to provide necessary authorization letter from their principal along with the quotation.
 - viii. **ICAR Research Complex for NEH Region, Umiam, Meghalaya, being a Scientific and Research Organization, is exempted from payment of Excise Duty (Certificate to this effect will be provided).**
15. **All Bidders should mandatory give their current, PAN Card No., TDS& other Bank A/C details to enable the office for releasing the dues via e- payment basis.**
 16. Performance Bank Guarantee is required for all indigenous items also. For items less than Rs.50, 000, the amount should be 5% of the actual cost of the equipment and for items more than 50,000.00 the amount should be 10% of the actual cost of the equipment. The bank guarantee should cover the entire guarantee/ warranty period which should be of at least one year duration.
 17. **The selected tenderers must complete the supply/ installation/ demonstration within 45(forty-five) days from the date of the supply order.**
 18. The guarantee/ warrantee should be from the date of installation. All guarantee/ warranty services should be attended within a maximum limit of 15 days, failing which, proportionate deductions from the security deposit may be made at the discretion of the Institute.

19. The complete details regarding the Institutions/ Corporations/ Bodies, etc. where the Firm/ Dealer has made the supplies during the last 2/3 years should also be furnished, along with the supply orders.
20. The Bidders should mandatory provide their full Bank Details, PAN Card No. , IFS code No., and TDS so as to ensure e-payment to them directly on satisfactory completion of the Supply.
21. The Director, ICAR Research Complex reserves the right to reject any tender in part or full, without assigning any reason thereof.
22. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.
23. **The bidders should mandatory sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document.**
24. Tenders shall be opened on **2nd November, 2017 at 2:30 pm**, ICAR Research Complex for NEH Region, Umiam, Meghalaya – 793103. Interested bidders may attend the opening.
25. If the above mentioned closing /opening day of the tender happened to be non – working date due to Bandh/Strike as any other reasons, the tender will be received & opened on the following working day at the same time except on the 2nd (second) Saturday.
26. Other terms & conditions, as may be decided by the Competent Authority from time to time, depending upon the condition & requirement of the supply. The intimation in this regard, shall be provided well in advance & the bidder/ supplier shall be bound by the said terms & conditions.
27. For any query/ clarification, the undersigned may be approached at:
Contact address:

E-mail: storesection@yahoo.in

**Sd/- S. V. Ngachan
DIRECTOR**

Before quoting for the Tender, it is requested to kindly go through the Tender Document thoroughly and abide by all the Terms and conditions given. Non-Compliance of any of the T & C mentioned above, shall lead to non-consideration of the Bid and no request what so ever shall be considered under any circumstances.

APPENDIX-I

DBT funded project on “*Collection, taxonomy, molecular characterization and conservation of Musa Germplasm from North-eastern Region (NER) of India*”

Sl. No.	Items	Quantity	Specifications
1.	Gel DOC System	1 no.	Molecular Imager Gel Documentation System including camera, Darkroom, UV transilluminator, epi- white illumination, cables and Image Lab Analysis software with following details. Maximum Sample Area: 28(L)X36(W) cm Translumination area: 25 x 26cm CCD Resolution: 1360 x 1024 pixels Pixel Density: 12 - bit (4096 gray levels) Pixel size: 4.6x4.6 micrometre Dynamic range: > 3 orders of magnitude Pixel resolution: > 4 Mega pixels Motorized zoom lens: C-mount, f/1.2, 8.5-51 mm Excitation source: Built-in UV transilluminator with 254, 302 & 365nm and white light. Built in UV protection with prep mode

			Filter positions: Fluorescence- 2 Emission filters: Special Amber filter Software: Image Lab Analysis software with True Multi Platform file Volume Analysis, 3-D Viewer for critical analysis of closely spaced bands, Annotation Tools, Flexible Array Tools
2.	Electrophoresis Unit (tank and accessories)	1 no.	Horizontal Apparatus for nucleic acid and protein separation: For gel size of 30 (W) x 25 (L) cm, comb 1.5mm, made of PMMA, 6 combs each with 33 wells (compatible with multi channel pipetting), fabricated to tolerate cleaning reagents used in RNA analysis, with ports buffer circulation of gel for fast electrophoresis, with gel gripping UV-transparent tray, male connectors mounted at an angle and uni-directional migration.
3.	Refrigerated Microcentrifuge	1 no.	Capacity: 11t x 4 tubes to minimum of 1.5ml x 12 tubes Display: LCD display of temperature, RPM, time and rotor used. Variable run time: Timer setup for long run and also set time in hrs and mins, with alarm at completion Temperature Range: -10°C to 40°C Multipurpose rotors: Centrifugation rotors for different volume tubes o 1.5/2.0 ml, o 15 ml, o 50 ml, o Suitable tubes required for the rotors (200Nos each set). System with auto lock facility, with safety for over speed / imbalance / temperature Limit / door detector Automatic functioning of speed and timing.
4.	Deep Freezer (Vertical) Minus 20°C	1 no.	Should have double walled cabinet with 75mm puff insulation. Outer wall should be made of Mild Steel and inside chamber of Stainless Steel 304 Qlty. Cabinet to be mounted on castors for easy movement from one place to another. Operation: Temperature control by Digital Electronic Controller Cum Indicator up to minus 20° C in variation of +/- 1 °C. Compressor (CFC FREE) and CFC free refrigerant with protective device having condenser coil and with electronic digital voltmeter. Capacity – 112 Ltrs Inside Chamber size: 455Wx400Dx605H
5.	Heating Block	1 no.	Should withhold temperature range ambient to 100°C. with $\pm 1^\circ\text{C}$. Combination of 03 Nos of Interchangeable Aluminum Blocks of 75 x 50 x 50 mm sizes for accommodating 0.5ml, 1.5/2.0 ml eppendorf tubes and 12 mm test tubes. Body should have MS power coating. Digital display with microprocessor and sensor

6. Double beam computer controlled UV VIS Spectrophotometer (1 No.)

Type	Double beam computer controlled UV VIS Spectrophotometer (1 No.)
Scanning	Variable (Should be able to scan the entire wavelength)

Scanning speed	at least
Wavelength accuracy	± 0.1 nm
Wavelength reproducibility, 10 measurements	± 0.1 nm
Photometric accuracy At 1 A:	± 0.004 A
Photometric reproducibility At 1 A:	< 0.001 A
Photometric drift At 1 A, 500 nm:	< 0.0003 A/hour
Photometric noise (RMS) 1 nm slit:	< 0.00005 A @ 700 nm
Photometric drift At 1 A, 500 nm:	< 0.0003 A/hour
Photometric noise (RMS) 1 nm slit:	< 0.00005 A @ 700 nm
Baseline flatness 1 nm slit:	± 0.0005 A
Scan speed:	Variable 1 to 3000 nm/min
Pharmacopia compliance:	Yes
Interface:	USB
Sampling accessories:	The Uv system should be upgradable with accessories like single cell, variable path cell, transmission accessory, variable angle transmission, film holder, multi cell holder, reflectance accessory, test tube holder, single cell, integrating sphere, sipper accessory, fiber probe, auto sampler

7. Lypholizer (1 No):

S. No	Item	Specification
1	Vacuum pump	Built in auto start for vacuum pump 30 μ on load during freeze drying Vacuum pump and condenser interlock for better life of vac. Pump
2	Loading chamber	Holding 6- 8 nos. of round bottom flask of at least 250 ml capacity
3	Freezer	Should have Inbuilt Pre Freezer with independent air cool refrigeration system capable of bringing down temperature of freezing bath with ethylene glycol or ethanol etc. up to -40Deg C. Provision for freezing sample in ampoules and the test by dipping the freezing bath.
4	Condenser	Condenser capacity 2-3 liters Condenser temperature -80 degree

