



INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
ICAR RESEARCH COMPLEX FOR N. E. H REGION  
UMROI ROAD, UMIAM, MEGHALAYA-793 103



No. RC(S)50/2013

Dated Umiam, the 4<sup>th</sup> October, 2013.

**OPEN TENDER**

Sealed Tenders Bids are invited from your reputed Firm by the ICAR Research Complex for NEH Region Umroi Road Umiam, Meghalaya, for the procurement of scientific equipments/instruments as per the enclosed list. The terms and conditions governing the Tender are given below:-

1. Cost of Tender paper Rs.500.00 (**Rupees Five hundred only, Non– refundable**) to be deposited in the favour of the Director, ICAR Research Complex for NEH Region, Umiam, Barapani by means of Demand Draft payable at SBI, ICAR Complex. Non – submission of the cost of the Tender paper shall lead to non – consideration of the Tender.
2. The Tender should consist of two Bids- The techno-commercial bid (Bid 'I') and the financial bid (Bid 'II'). Both must be submitted in two separate envelopes to be sealed **and put in a single main cover. The outer main cover should be super scribed "TENDER NO. RC(S)50/2013 dated 4<sup>th</sup>, October, 2013 FOR PROCUREMENT OF SCIENTIFIC EQUIPMENTS/INSTRUMENTS AT ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, UNDER Project entiled' molecular Characterization and Epidemiological Modelling of Antimicrobial Resistance at the Interface of Animal-Human-Plant pathogen Continuum' under DBT's Twinning Programme for NE" Division of Animal Health, and addressed to "THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103".** You should give their complete address on the bottom left corner of the Main Cover. Tenders may be sent by Registered Post or may be hand delivered in the Tender box, kept in the Office of the CAO's/AAO(S) ICAR Research Complex for NEH Region, Umiam, Meghalaya-793103 not later than **12:30 P.M. on 23<sup>rd</sup> October, 2013.** Tenders received after the due date and time shall not be considered under any circumstances.
3. **The Technical Bid should consist of all the Technical details like brand name, model and make, catalogue, authorization letter, dealership certificate, Company registration Certificate, Product certification, price list(if any), sales tax certificate, VAT registration certificate, last 3-5 years financial standing etc. along with all the commercial terms and conditions. Dealership cum authorization certificate/agency certificate for the manufacturer/ manufacturing firm should be enclosed, if the rates are quoted by the Dealers/Agents. The Cost of the Tender as well as the Earnest Money should be mandatory kept in the Technical Bid only. Technical Bid of each particular item should be enclosed separately along with the necessary documents.** Lack of any required technical literature may result in the non-consideration of the Bid. Financial bids of the technical acceptable offers would only be considered for further evaluation and analysis. Non-compliance of this shall lead to non-consideration of the Bid.
4. **The financial bid should consist of the rate of each particular item enclosed in a separate envelope only.** Price quoted must be given per unit and must be all inclusive, including packing, forwarding, delivery, taxes, VAT etc., as may be applicable. The amount of discount, etc. offered by the bidder should be specifically shown as admissible. The rates quoted should be upto ICAR Research Complex for NEH Region, Umiam, Meghalaya, for the mentioned items. The rates must be valid for at least for 6 months from the date of quotation.
5. The Buyer shall not be responsible for payment of transit insurance charges.

6. Payment shall be made only on actual delivery in good condition and successful installation and demonstration (which should be free of cost and must be completed before payment).
7. **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).**
8. The Firm/ Agency based in Meghalaya run by the Non-Tribal should produce Trading License issued by the KHADC at the time of awarding the Contract.
9. **The tenderers** [except those who are registered with the Central Purchase Organization & National Small Industries Corporation (proof should be mandatory enclosed)] **shall have to mandatory deposit 2.5% of the quoted amount in the form of Demand Draft/ Bank Guarantee, valid for 6 (Six) months, drawn in favour of the Director, ICAR Research Complex for NEH Region, Umiam, Meghalaya, payable at SBI, ICAR Branch, as a bid security, along with the quotation.**
10. 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.
11. The selected bidders must complete the supply/ repairing/installation/ demonstration within the stipulated time limit mentioned in the supply order. In case, the firm fails to execute the supply within the time limit, the bid security would stand forfeited and supply order shall be cancelled.
12. 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.
13. The Director, ICAR Research Complex reserves the right to reject any tender in part or full, without assigning any reason thereof.
14. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.
15. **You 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. You shall give an undertaking that they fully and unconditionally agree to abide by all the terms and conditions which, if needed, may be modified at the discretion of the Competent Authority, in supply order, for which confirmation from the supplier shall be taken.**
16. **You should should mandatory give your current, PAN Card No., TDS& other Bank A/C details to enable the office for releasing the dues via e- payment basis.**
17. The Techno-Commercial Bids shall be opened on **23/10/2013 at 2:30 p.m.** in the Committee Room, Administrative Block, ICAR Research Complex for NEH Region, Umiam, Meghalaya. Interested bidders may attend the opening.
18. 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.
19. For any query/ clarification, the undersigned may be approached at:  
Contact No.: 0364-2570363  
E-mail : [kcjoshiicar@yahoo.com](mailto:kcjoshiicar@yahoo.com)

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

Sl. No.	Name of the Item	Specification of Item
1.	<b>Pulsed Field Gel Electrophoresis (PFGE) system.</b>	<p>Including power module, electrophoresis cell, cooling module, variable speed pump, casting stand with frame and platform, comb holder, comb, screened cap, instructions manual.</p> <ul style="list-style-type: none"> <li>▪ System should offer clamped homogenous electric field.</li> <li>▪ Pulse angle range: any angle 90° to 120° in 1° increment with all electronic switching.</li> <li>▪ Should come with 24 autonomously programmable electrodes.</li> <li>▪ Should be able to sense change in parameters like buffer conductivity, buffer type, gel thickness and pH.</li> <li>▪ Switching range: 0.1sec to 65 k sec.</li> <li>▪ Max. run time: 999 hr per block.</li> <li>▪ Allowable voltage gradients: 0.6-9 V/cm, in 0.1 V/cm increments.</li> <li>▪ Resolution: the system should allow optimal separation of DNA fragments in the range of 100 bp-10Mb (minimum)</li> <li>▪ The system should have 3 programming block of run conditions with automatic execution to allow the optimized separation of fragments.</li> <li>▪ Can store last run programme in memory.</li> <li>▪ System should have the battery operated backup RAM.</li> <li>▪ 2 KVA online UPS with minimum 30 mins. backup.</li> <li>▪ Bacterial Genomic DNA Plg Mold, 5 Nos.</li> <li>▪ Pulsed Field Certified Agarose, 100g</li> <li>▪ Certified Megabase agarose, 25 g</li> <li>▪ 50-well disposal plug mold, 5 Nos.</li> <li>▪ S. cerevisiae DNA size standards 0.2-2.2 Mb, 5 agarose blocks, for minimum 25-40 plugs</li> <li>▪ 0.5A FB fuses, 2 Nos.</li> <li>▪ Leveling bubble: 1</li> <li>▪ Warranty: on site, minimum 2 years on the whole system including power backup system.</li> <li>▪ Price should be FOR.</li> </ul> <p><u>Electrophoresis cell</u></p> <ul style="list-style-type: none"> <li>▪ Dimensions (W X D X H): 44.2 x 50.3 x 11.4 cm (preferable), horizontal format.</li> <li>▪ Construction: Polycarbonate</li> <li>▪ Lid: safety interlocking</li> <li>▪ Electrodes: Minimum 24, platinum (preferably 0.02" diameter)</li> <li>▪ Temperature monitoring: inside electrophoresis cell temperature probe</li> <li>▪ Variable speed oscillating pump flow rate: 1 liter/min (preferable)</li> <li>▪ Casting stand: 14 x 13 cm (preferable), must be compatible with other components</li> <li>▪ Comb: 1.5 mm thick, 15-well comb (desirable) and comb holder</li> <li>▪ Tygon tubing: 365 cm (minimum)</li> </ul> <p><u>Cooling module</u></p> <ul style="list-style-type: none"> <li>▪ Construction: Aluminum (preferable)</li> <li>▪ Cooling capacity: 75 W of input power at 14°C</li> <li>▪ Operating range: Minimum 5-25°C</li> </ul>