



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



Tender No. RC(S) 89/2016

Dated: 07<sup>th</sup> November, 2016

**OPEN TENDER**

**NOTICE INVITING TENDER FOR PROCUREMENT OF SCIENTIFIC  
EQUIPMENTS/MACHINERIES UNDER NICRA PROJECT,  
by ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA ON BEHALF  
OF ICAR, RESEARCH COMPLEX, FOR REGIONAL CENTRES (ARUNACHAL PRADESH  
CENTRE, TRIPURA CENTRE, MANIPUR CENTRE).**

Sealed bids are invited from the reputed on behalf of the **ICAR, Research Complex for Regional Centres** (Arunachal Pradesh Centre, Tripura Centre, Manipur Centre) from **Manufacturer/ Authorized Dealer/ Government organizations** for supply of Scientific Equipments, having at least 5 (Five) 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, VAT etc., as may be applicable etc. The rates quoted should be up to ICAR Research Complex for Regional Centres i.e FOR destination for each particular item. The Financial Bid should consist of the Rates, their detailed break –ups, 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. RC(S)89/2016, Dated 07<sup>th</sup> November, 2016 due on 07<sup>th</sup> December, 2016 FOR PROCUREMENT OF SCIENTIFIC EQUIPMENTS / MACHINERIES under NICRA Project**, and addressed to “THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103” on behalf of all the Joint Directors, **ICAR, Research Complex for Regional Centres** (Arunachal Pradesh Centre, Tripura Centre, Manipur Centre). The firm should also super scribe on the top of

the envelope the Sl. No. & name of the equipments to be supplied, date of opening and details of earnest money deposited otherwise their tender may not be considered.

6. **The Cost of the Tender (consolidated) as well as the Earnest Money (consolidated) 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 07<sup>th</sup> December,2016. 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 Service Tax/sale tax/VAT Registration etc. (If not applicable submit the relevant document).
  - 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 Sate Bank of India, ICAR complex branch (If exempted/relaxed submit the relevant document in support of claim). Refundable Earnest Money Deposit (EMD) of Rs. 1,000 (Rupees one 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 sale 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 30 (thirty) days from the date of the supply order due to time factor or the said orders shall be treated as cancelled and no further correspondence will be entertained.**
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 **07<sup>th</sup> December, 2016 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 2<sup>nd</sup> (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: [kcjoshiicar@yahoo.in](mailto:kcjoshiicar@yahoo.in)/ [aogaicarneh@gmail.com](mailto:aogaicarneh@gmail.com) /[storesection@yahoo.in](mailto: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.***

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



**List of minor equipments for procurement under NICRA along with specification:**

Sl. No.	Item	Specification	No. of Unit	Indenter
1	Digital flame photometer	<p>The system should measure Sodium (Na), Potassium (K), Lithium (Li) and Calcium (Ca) in single aspiration of a sample.</p> <p>The system should have LCD display which represents the analysis results.</p> <p>The system should have a printer port.</p> <p>The system should have filters for analysis of Na, K, Li and Ca.</p> <p>Maximum sample requirement should be 3.5 ml per element at average time of 4-5 sec.</p> <p>The system should have reproducibility of <math>\pm 1\%</math> f.s. for low and <math>\pm 2\%</math> f.s. for high concentration.</p> <p>Maximum aspiration time should be 5 Sec + Avg. Time per element + 4 Sec.</p> <p>Air compressor should have a built-in air regulator and air filter to deliver stable and moisture/oil free air supply.</p> <p>The system should run with LPG fuel.</p> <p>The system should come with a software, compatible printer and UPS.</p> <p>Minimum 1 years on-site warranty.</p> <p>Installation and demonstration - free of cost.</p>	01	ICAR , Tripura Centre
2	Electrical Conductivity meter	<p>Range 0 to 200 mS 1 ppm to 100 ppt Resolution 0.05% of range --</p> <p>Accuracy 1% of range 1% of range Repeatability 0.05% – Sensor</p> <p>Conductivity Cell Conductivity Cell Receptacle BNC BNC Readout 2 line 16 Character Dot . matrix Backlit LCD . Module (1) Size (WxDxH) in mm 260 x 230 x 90 (2) Weight (in kg) Approx. 3</p>	01	ICAR Tripura Centre
3	Hot Air Oven	<p>Minimum Chamber capacity of 250 liter</p> <p>Maximum External dimensions (L x D x H): 600x600x700mm</p> <p>Exterior construction of mild steel plate with heat cured epoxy coating</p> <p>Interior construction of stainless steel</p> <p>Minimum Chamber gauge 1 mm</p> <p>Aero-dynamic design of air circulation to achieve superior temperature uniformity</p> <p>Glass inbuilt into the door</p> <p>High quality mineral wool insulation with woven aluminium barrier without smell and less dust</p> <p>High efficiency air flow layer insulation construction design to keep outer casing cool</p> <p>Minimum 2 nos wire mesh shelves with chrome plated and adjustable type in 25 mm increment</p> <p>Seamless round cornered internal chamber for easy cleaning</p> <p>Sheath heater surrounds blower to achieve fast and homogenous heat dissipation throughout the chamber</p> <p>Digital temperature controller with sensor for precise monitoring &amp; control</p> <p>High temperature alarm, auto tuning and temperature calibration function</p> <p>Seven segment LED display</p> <p>Over temperature protection</p> <p>Over current protection</p> <p>Control accuracy <math>\pm 0.1^{\circ}\text{C}</math></p> <p>High tempered safety glass window of 5 mm</p> <p>Durable non-contact type switch and relay cut off motor and heater to</p>	01	ICAR Manipur Centre

		<p>protect hot air rush to outside when door open  Temperature range: ambient + 10°C to 250°C  Supply voltage: 230 V AC, 50 HZ, Single phase  Voltage stabilizer  Minimum 1 year onsite warranty.  Installation and demonstration - free of cost.</p>		
4	Hygrometer	<p>Temperature range: Indoor: -10°C-50°C (14°F-122°F); Outdoor: -50°C-70°C (-58°F-158°F); Humidity: 20%-95% R.H, Accuracy: Temperature:</p>	01	<b>ICAR, Arunachal Pradesh centre</b>
5	Ice flaking machine	<p>Minimum 40kg/day capacity production start time: 10-15 minutes. Type of ice: flakes. Storage capacity of bin: Minimum 8 kg. Table top/ under counter model. Built-in insulated storage bin for maximum ice preservation. Load-monitoring system continuously checks workload on gear box, shutting down system before a problem develops. Corrosion free exterior and interior. Designed for continuous production of ice throughout the day. Environmental friendly CFC free cooling. Micro processor based temperature control. PUF insulation. Energy efficient. Light Weight,. Quality compressor &amp; Air cooled condensation CFC/HCFC free. Interior and exterior are made up of corrosion resistant material. Easy extraction system. Energy efficient. Automatic low water and full storage cut off system. Geared motor with overheating and over voltage protection. Castor wheels for easy movement. Water sensor to eliminate low or no water failures. Rugged stainless steel evaporator.</p>	01	<b>ICAR, Arunachal Pradesh centre</b>
6	Analytical Balances	<p>Minimum capacity : 200 g  Minimum display : 0.1 mg  Repeatability : ≤ 0.1 to 0.15 mg  Linearity : ±0.2 to 0.3 mg  Maximum response time : 3 to 4 sec  Pan size : 90-100 mm  Operating temperature : Min 10°C to Max 40°C  Calibration : Internal  Display : Digital  Provision for data export to a printer or computer  Minimum 1 year's on-site warranty.  Installation and demonstration – free of cost.</p>	01	<b>ICAR, Manipur Centre</b>
7	pH meter	<p>Bench top type  pH range : 2.00 to 14.00  pH accuracy : ±0.01 pH  mV range : ±1600 mV  mV accuracy : ±0.2 mV  Temperature range : 0°C to 100°C  Temperature accuracy : ±0.1°C  Temperature compensation : Automatic  Minimum 3 points calibration  Display : LCD, Digital  Minimum 40 data logging points  Minimum 600 hours battery life  The system should have capability of recognizing pH buffers (USA, NIST, DIN etc.)  The system should be connected to a computer  Minimum 1 years on-site warranty.  Installation and demonstration – free of cost.</p>	01	<b>ICAR, Manipur</b>

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