



**NATIONAL RESEARCH CENTRE ON PIG**

INDIAN COUNCIL OF AGRICULTURAL RESEARCH

RANI, GUWAHATI-781131

(ISO 9001:2008 Certified)



Phone No.0361 2847195

F.No.112/NRCP/13-14/Equip

Date: 19.02.2013

***TENDER DOCUMENT  
FOR  
SCIENTIFIC EQUIPMENTS***

***2012-2013(2)***

**CONTENTS**

<b><i>SL. No.</i></b>	<b><i>SECTION TITLE</i></b>	<b><i>PAGE No.</i></b>
<i>01</i>	<i>TENDER NOTICE</i>	<i>03</i>
<i>02</i>	<i>GUIDELINES FOR BIDDER</i>	<i>04</i>
<i>03</i>	<i>TENDER SPECIFICATION</i>	<i>05-07</i>
<i>04</i>	<i>TERMS &amp; CONDITIONS</i>	<i>08-09</i>
<i>05</i>	<i>PREPERATION OF TECHNICAL BID</i>	<i>10</i>
<i>06</i>	<i>PREPERATION OF FINANCIAL BID</i>	<i>11</i>
<i>07</i>	<i>QUESTIONNAIRE</i>	<i>12-13</i>



**NATIONAL RESEARCH CENTRE ON PIG**  
INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
RANI, GUWAHATI-781131



Phone No.0361 2847195

**F.No.112/NRCP/13-14/Equip**

**Date: 19.02.2013**

**TENDER NOTICE**

The Director, NRC on Pig, ICAR, Rani, Guwahati, Assam invites Open Tender for the purchase of Scientific Equipment 'NIR based proximate analyzer' for Research purpose. Reputed Manufactures/Authorized Agents (on behalf of their foreign principals) may obtain tender form along with specifications etc. from Administrative Officer, NRC on Pig, ICAR, Rani, Guwahati or download from our website: <http://www.nrmp.in> on payment of Rs. 500.00 by crossed Bank Draft (Non-Refundable) payable at State Bank of India, Khanapara Branch (Code No. 9945) along with the EMD/Bid Security of Rs. 60000.00 separately. Last date of sale, acceptance and opening of Bids is **13.03.2013**.

**S/d**  
**Administrative Officer**

## **GUIDELINES FOR BIDDERS**

**PRICE BASIS:** Rates to be quoted are inclusive of all taxes & duties, packing, forwarding, loading & unloading and freight upto National Research Centre on Pig, ICAR, Rani, Guwahati, Assam.

**TENDER FEE & EARNEST MONEY DEPOSIT (EMD):** Tender must be accompanied with Tender Fee of Rs. 500.00 & EMD/ Bid Security of Rs. 60000.00 in the shape of Demand Draft drawn in favour of The, Director, NRC on Pig, ICAR. **Tenders received without the required Tender Fee & EMD will be rejected without any communication to Bidder. The Bidder should write the Name of the Firm & the Name of the Equipment against which the E.M.D is being submitted clearly at the Back side of the Draft.**

**DOCUMENTS REQUIRED:** Latest Sales Tax & Income Tax Clearance certificate along with client list must be attached with Tender.

**AUTHORISATION LETTER:** If the bidder is quoting on behalf of Manufacturer, valid Authorization letter must be enclosed.

**ACCEPTANCE OF TENDER:** The sealed tenders filled in all respect with signatures in all pages must be sent only by Registered/ Speed Post or Person to reach within **11.00 A.M on or before 13.03.2013**. Incomplete Tenders and Tenders received after specified time will not be accepted. NRC on Pig, ICAR is not responsible for any type of delay in arrival of Tender. Once Tender is accepted it cannot be allowed for withdrawal. The decision of quantity of order shall be subject to approval of The Director, NRC on Pig, ICAR and his decision is final and binding.

**VALIDITY:** Rates quoted must be valid upto the contract period.

**SHOULD NOT QUOTE ANY ALTERNATIVE OFFER:** Bidder should quote the best suitable model which matches the advertised specification of the Equipment. **No alternative/ option should be quoted.**

**OPENING OF TENDER:** Tenders will be opened by the committee at **11.30 A.M onwards on 13.03.2013** at NRC on Pig, ICAR, Committee Hall, Rani, Guwahati, Assam in presence of interested Bidders/ their authorized representatives.

s/d  
**Administrative Officer**

## **TENDER SPECIFICATIONS**

<b>Sl.No.</b>	<b>Name of the equipment</b>	<b>Specifications</b>
1	<b>NIR based proximate analyzer</b>	<p>1. The instrument should be based on Near Infra Red Technology (NIR method) without any sample preparation.</p> <p>2. The NIR Based proximate analyzer for meat and meat products and/or animal feeds should be capable of performing multi-component analysis in meat and meat products and/or feed and feed ingredients measuring parameters such as moisture, protein, starch, crude fiber, fat/oil, individual amino acids, individual fatty acids, sugars, calorie/energy content etc. Instrument should be able to test solid, semisolid and liquid samples.</p> <p>3. It should test samples of fresh meat and processed meat products and/or feed in form of whole grains, pellets, slurries, liquids, pastes, powders etc. The instrument should also be able to test heterogeneous samples without any sample grinding. Test should be non-destructive (No sample grinding should be required).</p> <p>4. Instrument should preferably be IP 65 rated and temperature stabilized for consistent results. Completely dust and water protected.</p> <p>5. Instrument should use solid state drive and should be vibration resistant. The unit should be non-portable in nature and could facilitate high throughput of samples for analysis.</p> <p>6. The analysis time should not be more than 8 seconds and the analysis should be non-contact type.</p> <p>7. The instrument should perform a self-check prior to every analysis to nullify the effect of ambient light and ensure measurement corresponding to source light only.</p> <p>8. It should support a wavelength range of 1000- 1600 nm with wavelength accuracy better than 0.05 nm and there should be no moving optical components.</p> <p>9. It should have the ability to test samples of different sizes without affecting the accuracy.</p> <p>10. The instrument should have pre-developed calibrations for a multitude of meat and meat products viz. fresh pork, pork</p>

	<p><i>sausages, salami, cocktails, nuggets, ham, bacon etc. Also, it should have pre-developed calibrations for different feed products like full fat and defatted rice bran, monogastric feed, ruminant feed, poultry feed, various cakes used as feed and ready feeds and raw materials. The supplier must have the experience to adjust these calibrations at site as part of the installation. List of available calibrations to be attached with offer.</i></p> <p><i>11. It should have an internal computer with at least 20 GB memory storage together with operating system and external communication ports and a touch screen operation. Wi-Fi dongle and cellular/mobile modem should be supported. Touch screen user interface. Also, may have keyboard, mouse, external monitor, barcode reader.</i></p> <p><i>12. Lamp life should be min 24 months and lamps should be user exchangeable and number of scans may be at least 50 spectra/sec.</i></p> <p><i>13. Sample size should be 100-300 g or ml. Also, instrument should test samples as small as 20 g. Variable sample requirement should be possible depending on sample quantity available. No expensive sample modules should be required.</i></p> <p><i>14. Instrument should be handy to test slurries and other pasty samples. Minimal cleaning should be required after testing such samples.</i></p> <p><i>15. Power requirements: 115/230V, 50/60 Hz. Ambient Temp: 5-35°C, Humidity: 35-80% RH, non-condensing.</i></p> <p><i>16. Instrument should be ISO 12009 Compliant.</i></p> <p><i>17. The supplier shall have to provide a genuine software programme.</i></p> <p><i>18. The supplier will have to provide ready-to-use calibrations for the products to be tested. Also if at the time of installation, it is required to modify the calibration or to design a new calibration for some new product, the supplier must be technically equipped to modify/develop calibrations after obtaining 30-50 samples and reference analysis data from the user.</i></p> <p><i>19. All necessary accessories and units should be quoted to increase the performance of the system.</i></p> <p><i>20. The system should be upgradable further with user replaceable modules without standardization/ calibrating the system.</i></p> <p><b><i>Essential accessories required along with the equipment:</i></b></p>
--	---

		<ol style="list-style-type: none"> <li>1. Sample dish, (130-150 mm diameter): 2 nos.</li> <li>2. Sample dish, (70-80 mm diameter): 2 nos.</li> <li>3. Disposable sample cups: 2500 nos.</li> <li>4. Spare lamp: 1 no.</li> </ol> <p><b>Mandatory requirements:</b></p> <ul style="list-style-type: none"> <li>• <i>The supplier fulfilling the desired specifications may be required to arrange the live demonstration of the quoted Instrument and the software to a team of scientists, free of cost if required. All the functional requirement and product specifications mentioned above will have to be demonstrated prior to any purchase decision, if required.</i></li> <li>• <i>The supplier will be required to install the equipment and accessories completely in place and also demonstrate the Instrument and the software vis-à-vis the tender specifications. Training will also be required to be given to the users on the operation and applications on different meat and meat products, and feed and feed ingredients at the time of installation.</i></li> <li>• <i>The supplier shall provide detailed literature with all technical specifications, features and detailed figures shall be attached along with the quotation. Also, factory calibration certificate, instruction and service manuals shall be provided.</i></li> <li>• <i>Indian suppliers of foreign equipments shall enclose valid authorization certificate issued by the manufacturer.</i></li> <li>• <i>The supplier shall confirm in writing that all the required spare parts will be available for the quoted model with them for not less than five years after the warranty period.</i></li> <li>• <i>The supplier shall have own application support laboratory in India for local and efficient after sales service support.</i></li> <li>• <i>The supplier shall quote the AMC charges for at least 5 years after the warranty period, in Indian Rupees.</i></li> <li>• <i>The manufacturer must have supplied sufficient number of proximate analyzers (especially for meat and meat products) particularly to Indian organizations. The supplier should enclose worldwide and Indian users list / references and special mention to be made for the supplies made in past years for Food applications. The names, postal address, department and the phone numbers of the users in India must accompany the quotation.</i></li> </ul>
--	--	--

**TERMS & CONDITIONS.**

1. *The Quotation(s) should be sealed and Superscripted on cover "Quotation for Equipment (Name).....and addressed to the undersigned.*
2. *The rates Quoted (in Indian Rupees) should be F.O.R. NRC on Pig, ICAR, Rani, Guwahati-781131 excluding VAT/Taxes. For imported items/quotes, the rates should be quoted on F.O.B. & C.I.F. basis. Taxes, if any should mentioned separately.*
3. *Indian Agents quoting behalf of their foreign principals should provide necessary authorization letters from their principal along with quotation.*
4. *The terms & conditions, period of warranty, A.M.C and time required for supply/installation should be mentioned clearly.*
5. *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.*
6. *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.*
7. (A) **Payment for goods quoted in Indian Rupees:** *100% payment will be made after satisfactory supply and installation of items ordered, subject to submission of 10% 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 after satisfactory supply and installation of items ordered subject to submission of 10% of total value of consignment as Performance Security Money from any Nationalized Bank. Indian Agency commission should be quoted separately and will be paid in Indian Rupees to the bidder's agent against the submission of claim.*
8. **In case of imported goods.**  
 (A) *The Institute will issue 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 necessary documents will be produced & consignment should be forwarded to the Institute NRC on Pig, Rani, Guwahati, immediately after custom clearance.*  
  
*Further, the custom clearance charges as per GOI norms will be reimbursement by the institute on production of relevant Documents in original.*  
  
 (B) *Air Freight & Insurance Charges up to F.O.R Rani, Guwahati 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.*
9. *The Director NRC on Pig, ICAR, Rani, Guwahati does not bind himself 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, NRC on Pig, Rani, Guwahati is final.*

- 10. The firms must be capable to supply the items within 90 days of the date of issue of supply order beyond which penalty will be imposed for delay in supply @ 2% per month subject to maximum of 10% of the value of Consignment.*
- 11. The Institute has adopted two bid system therefore “Technical Bid” & “Financial Bid” should be kept separately in two different sealed envelope. Superscripted thereon TECHNICAL BID and FINANCIAL BID within a larger sealed packed/envelope. The larger outer cover should indicate Tender Number, Name of the Equipment, Sl.No. and opening date on the top of right hand corner.*
- 12. The quoted specification should be prepared after taking into consideration the advertised specification and the terms & conditions of the Tender strictly.*
- 13. Price Bid & Technical Bid should be prepared in the prescribed format (As enclosed). The Bidder is also required to furnish the specific answers as per the Questionnaire as enclosed along with the Tender Document.*

*s/d*  
**Administrative Officer**

**PREPERATION OF TECHNICAL BID**

**Technical Bid should be prepared in the following format:**

<b>SL. No</b>	<b>Name of the Equipment</b>	<b>Advertised Specification</b>	<b>*Quoted Specification</b>	<b>Whether Quoted Specification Matches with the Advertised Specification</b>	<b>Difference between Advertised specifications with Quoted Specification</b>	<b>Any Advantage/ Disadvantage</b>

\* Technical Specifications of the offered Instrument must be supported with the original detailed technical brochures.

**Note:** Bidder should also enclose all the technical brochures which provide sufficient information for the quoted specifications.

## **PREPERATION OF FINANCIAL BID**

**Financial Bid should be prepared in the following format:**

### **A. For Goods Manufactured in India.**

<b>SL. No.</b>	<b>Description of Goods.</b>	<b>Quantity</b>	<b>Ex-factory price</b>	<b>Excise Duty if any</b>	<b>Inland Transportation</b>	<b>Insurance Charges</b>	<b>Sales Tax/ VAT</b>	<b>Total Amount (Rs.)</b>

**Total Bid Price**

**Rupees.....**

### **B. FOR Goods Manufactured Outside India.**

<b>SL. No.</b>	<b>Description of Goods.</b>	<b>Qty.</b>	<b>*Net F.O.B Price ( Inclusive of F.O.B Charges) in foreign Currency</b>	<b>Net F.O.B Price ( Inclusive of F.O.B Charges) in Indian Currency</b>	<b>Net Freight/ transportat ion &amp; Insurance Charges upto Indian Air/ Sea Port in Foreign Currency.</b>	<b>Net Freight/ transportati on &amp; Insurance Charges upto Indian Air/ Sea Port in Foreign Currency.</b>	<b>Net Freight/ transporta tion &amp; Insurance Charges upto Indian Air/ Sea Port in Indian Currency.</b>	<b>Inland Transp ortatio n upto NRC on Pig, ICAR, Rani, Guwah ati in Indian Rupees</b>	<b>Agency Commi ssion (In Indian Curren cy)</b>	<b>Total cost upto NRC on Pig, ICAR, Rani, Guwah ati</b>

**Signature of the Bidder  
Name & Address**

***\*Note: No extra cost towards packing, forwarding, documentary etc charges will be paid by this Institute.***

## QUESTIONNAIRE

BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELLOW. IN CASE A QUESTION DOES NOT APPLY TO A BIDDER, THE SAME MAY PLEASE NOTE THAT IF THE ANSWERS SO FURNISHED ARE NOT CLEAR AND/OR ARE EVASIVE, THE BID WILL BE LIABLE TO BE IGNORED.

1. Bid No..... date for bid opening on .....
2. Offer is open for acceptance:
3. Brand of goods offered :
4. Name & address of manufacturer:
5. Station of Manufacturer:
6. What is your permanent Income Tax A/C/ N. (PAN No.)
7. Confirm whether you have attached your Latest/current ITCC or certified photocopy thereof.
8. Status :
  - a) Are you currently registered with the Directorate General of supplies & Disposals (DGS&D) for the items(s) quoted? If so, Indicate the date up to which you are registered and whether there is any monetary limit on your registration.
  - b) Are you a small scale unit currently registered with the National Small Industries Corporation (NSIC) under Single Point Registration Scheme for the Items (s) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.
  - c) If you are not registered either with NSIC or DGS&D, please state whether you are

currently registered with Directorate of industries of the State Government concerned. If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.

- d) Are you registered under the Indian Companies Act. 1956 or any other Act.? Please attach certified copy (copies) of the Relevant registration certificate (s) in Confirmation to your above answer(s).

9. Please indicate :-

10. Whether you are :

- i) Manufacture of the goods quoted; or
- ii) Manufacture's authorized agent for those goods.

11. State whether business dealings with you have been currently banned by any Ministry/Deptt. Of Central Govt. or any State Govt.

12. Details of E.M.D & Tender Fee Submitted against Bid

Signature of Witness

Signature of Bidder

Name & address of Witness

Full name, designation &  
Address of the person signing above  
For and on behalf of M/s.