



**ICAR Research Complex for NEH Region
Tripura Centre, P.O. Lembucherra 799 210
West Tripura**



No. RC/TC(T-62)/DBT-Aphanomyces/2014/1882

January 30, 2014.

Sealed bids are hereby invited by ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, West Tripura for procurement of **Scientific Equipment/Instruments** required for the project **DBT project on "Isolation and Characterization of *Aphanomyces invadans* from NE India to develop diagnostic techniques and control measure"** from the reputed registered firms / manufacturers/authorized dealers Detailed specifications of the items and terms & conditions etc. are given below:

- 1. Cost of Tender Paper of Rs.500/- (five hundred) only** (non-refundable) to be deposited in favour of the Joint Director, ICAR, Tripura Centre by means of Demand Draft/Banker's Cheque/A/c payee cheque etc., payable at SBI, Agartala (Code 0002). Non-submission of the cost of Tender paper shall lead to non-consideration of the Tender.
- 2. The quotation must be submitted for each of the above items.** Every quotation 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 FOR EQUIPMENT UNDER DBT PROJECT ON APHANOMYCES INVADANS' (name of the project) for ICAR Research Complex, Tripura Centre.** And addressed to the Joint Director, ICAR Research Complex for NEH Region, Tripura Centre, P.O. Lembucherra-799210, West Tripura. The bidding firm should give their complete address on the bottom left corner of the Main cover with contract numbers/e-mail ID/Fax numbers etc. **The cost of the Tender paper as well as the Earnest Money along with other Technical Details should mandatory be kept in the 'Technical Bid' only.** 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. All Tenders should be sent by **Registered Post/Courier/Speed Post.** Tenders may hand delivered should be put into the Tender Box kept in the AAO's Room of ICAR, Tripura Centre, Lembucherra not later than **2-30 P.M. of 22nd February 2014.** Tenders received after the due date and time shall not be considered under any circumstances.
- 3. The rates quoted in Indian Rupees (INR) should be up to ICAR Research Complex, Tripura Centre, Lembucherra for the mentioned items.** The rates must be valid for at least 6 (six) months from the date of acceptance of the lowest rate (s).
- 4. Price quoted must be given 'per unit' and must be all inclusive, including packing, forwarding, delivery charges, Taxes, VAT etc., as may be applicable.**
5. Attested copies of the up to date Sales Tax and Income Tax clearance certificate from the authority concerned should be submitted with the tender.
6. Furnishing of related documents like detailed specifications, technical literature, brand name, model and make, catalogue, authorization letter, dealership certificate, price list (if any) etc. are mandatory, failing which, the quotation shall not be considered. Dealership Certificate/Agency Certificate of manufacturer/manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents.
7. The buyer shall not be responsible for payment of any transit insurance charges.
8. 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).

9. **ICAR Research Complex for NEH Region, being a Scientific and Research Organization, is exempted from payment of Excise Duty (Certificate to this effect will be provided, if needed).**
10. All bidders should mandatory give their current & other Bank A/c details to enable the office to release the dues through e-transfer basis.
11. **The tenderers [except those who are registered with Central Purchase Organization & National Small Industries Corporation (proof should be mandatory enclosed)] shall have to deposit 2.5% of the quoted amount in the form of Demand Draft/Banker's Cheque/ Deposit-at-Call, valid for 3 (three) months (onely for bankers cheque & DD), drawn in favour of the Joint Director, ICAR, Tripura Centre, payable at SBI, Agartala, as a bid security, along with quotation. Non-submission of the bid security with quotation shall make the quotation/bid liable to be ejected.**
12. 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 Rs.50,000/-, 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.
13. The selected tenderers must complete the supply/installation/demonstration within the stipulated time limit mentioned in the purchase order. In case, the firm fails to execute the supply within the time limit, the bid security would stand forfeited and the purchase order shall be cancelled. Request for extension of time may be sought for once which may be considered by the undersigned.
14. The firm/agency run by the Non-Tribal should produce Trading License issued by the competent authority at the time of awarding Contract.
15. The guarantee/warranty 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 Research Centre.
16. The complete details regarding the Institute/Corporation/Bodies etc. where the Firm/Dealer has made the supplies during the last 2/3 years should be furnished, along with the tender.
17. The Joint Director, ICAR Research Complex reserves the right to reject any tender in part or full without assigning any reason thereof.
18. Legal jurisdiction for all disputes shall be within the purview of the Agartala Court.
19. **All bidders shall give 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 supplier shall be taken. Non submission of the undertaking may lead to rejection/non-consideration of the tender.**
20. **The bidders should mandatory sign on every page of the Tender Documents as per the uploaded tender form putting their official seals and date and a tender number, which would show their unconditional acceptance of all the terms and conditions of the Tender Documents.**
21. Tenders shall, if possible, be opened on **22nd February 2014 after 2-30 P.M.** at the ICAR Research Complex, Tripura Centre, Lembucherra. Interested bidders may attend the opening.
22. Other terms and 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 and conditions.
23. For any query/clarification, the following official/undersigned may be approached at:
Contact No. 0381 2865537 (Tel – Fax)
E-mail: jdr.icar@nic.in
24. The tender papers may be downloaded from our website <http://www.tripuraicar.gov.in>

(M. DATTA)
Joint Director

Tender Paper

For scientific equipment under the DBT project on “Isolation and Characterization of *Aphanomyces invadans* from NE India to develop diagnostic techniques and control measure”

SI No	Name and detailed specification of scientific instruments/equipments	Quantity	Rate	Amount
1	<p><u>Gel Doc Unit</u></p> <ol style="list-style-type: none"> 1. It should conserve bench top space. 2. Option of both UV light and blue light transillumination. 3. 16 bit, 1.4 mega pixel resolutions, CMOS/CCD camera with scientific grade zoom lens. 4. Should be compatible with wide range of fluorescent and visible dyes like Qdot®, SYBR Safe®, ethidium bromide 5. Compatible with different gel formats including precast gels (e.g. E-Gel® Agarose Gels, NuPAGE® Novex Bis-Tris Gels) and pour-it-yourself gels (agarose, or polyacrylamide). 6. It should perform Real-time sample imaging allowing detailed sample viewing. 7. It should do direct camera to PC image transfer 8. It should eliminate the need for film or processing chemicals. 9. Electrical Requirements: 100–240 V, 50/60Hz, 0.6A 10. Temperature: Ambient ± 5⁰C to 40° C 	1 (one) set		
2	<p><u>Nanodrop Spectrophotometer</u></p> <ol style="list-style-type: none"> 1. Single beam UV visible spectrophotometer (Preferably with micro plate reading options). 2. Wavelength range of 190-1000nm with 1 nm steps. 3. Xenon flash lamp as light source. 4. 4nm or less spectral bandwidth. 5. Photometric measuring range of 0 to 3A at 260 and 450nm. 6. Random error ≤ if A=0, ≤0.005 if A=1 7. Quantification of sample volumes should be from nano-litres to milliliters. 8. Preferable option includes incubation and linear shaking for ELISA and enzymatic assays. 9. System should be supplied with branded laptop with standard software for analysis and measurement and quartz cuvette for nano-litre analysis if drop method of quantification is not available with the system. 	1 (one) set		
3	<p><u>Microscope: Trinocular with attachments</u></p> <ol style="list-style-type: none"> 1. Should be ergonomically designed for comfortable usage 			

	<ol style="list-style-type: none"> 2. Microscope should be with infinity optics with anti-fungus treatment. 3. Should have built-in Transmitted light illumination with 6V 30W halogen lamp with easy lamp changing module and should have provision to replace the same with white light long lasting LED illumination. 4. External main power supply with electronic main control from 110V to 240V conforming to International Safety Standard. 5. Back tilted Quadruple revolving nosepiece with precision click stops confirming Para centric field of view for all objectives. 6. ABBE Condenser with numerical aperture 1.25 with built-in aperture diaphragm. 7. Slide Stage should have ball bearing specimen holder and should have right handed coaxial X and Y movement. The traveling range of the stage should be 75 x 30mm with venires marking. 8. The stage focus movement range should be 15mm or more with coaxial coarse and fine focus knobs on either side of the stand. The minimum step size of the fine focus should be 2 micron or better. Focus stop mechanism to protect slide damage should be available. 9. The Trinocular tube should have a beam splitting ratio of 50% for observation and 50% for documentation. 10. Trinocular phototube; with two viewing heights (up and down position), Siedentopf design, eyepiece tubes shall be swivelled either way for comfortable viewing angle of the operator, adjustable interpupillary distance of 48 to 75 mm, 11. Paired Eyepieces with 10x magnification, field of view 20mm. 12. Full Koehler illumination setting with focusable and centering condenser. Microscope should have a variable field diaphragm. 13. High contrast Plan-achromatic Objectives 4x/0.10, 10x/0.25, 40x/0.65 and 100x/1.25 oil. 40x and 100x front optics are spring loaded 14. Paired Eyepieces with 10x magnification, field of view 20mm 15. Microscope shall be up-gradable to Dark Field, Phase Contrast and Fluorescence 16. High Resolution digital colour camera with USB port for easy and quick connection to PC/Laptop including camera adapter, imaging software and stage calibration slide. 17. Scientific Digital Camera 5 Mega pixels, color, Pixel size: 2.2 μm x 2.2 μm Integrated slot: SD 	<p>1 (one) set</p>		
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	<p>card slot for SD and SDHC cards Recording: Switch for image capture, Supported operating systems: and Additional Kit for Stand alone operation without PC.</p> <p>18. Software for Image acquisition, micron bar scaling, Text annotation, image processing for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections) linear measurements, upgradeable with Extended Focus, Panoramic view etc</p> <p>19. Microscope should conform to International Quality Standard like CSA, EC Declaration or equivalent</p> <p>20. Branded Computer/laptop of Latest Configuration and Desk Jet Printer</p>			
	Total cost			

Brand of each item must be mentioned.

Rupees.....
..... only.

Signature of witness with address

Signature of bidder

Date

Seal

From:

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, Lembucherra-799210.

Sub: Submission of Tender

for'.....

.....
.....'

Ref: Your NIT No.....

Dated.....

Sir,

With reference to the above NIT I/we hereby offer my/our rates as detailed in you Tender Papers or such portion thereof as you may specify in the acceptance of tender. I/we shall be bound by a communication of acceptance dispatched within the aforesaid date.

2. I/we understood the instructions and conditions of contract pertaining to the above mentioned tender and have thoroughly examined the specifications/drawings and/or pattern quoted in the schedule thereto and am/are fully aware of the nature of the stores required and my/our offer is to supply strictly in accordance with the requirements.

3. The following pages have been added as part of the tender:

- a)
- b)
- c)

4. An A/c Pay cheque/Demand Draft/Banker's Cheque bearing No.
dated for Rs.....
(Rupees.....) only drawn in favour of the Joint Director,

ICAR, Tripura Centre is enclosed herewith being the cost of tender papers. No personal cheque will be entertained.

5. One Deposit-at-Call/DD/Bankers cheque bearing No.....
dated..... for Rs.....
(Rupees.....) only,
drawn in favour of the Joint Director, ICAR, Tripura Centre on SBI, Agartala is also enclosed herewith
being the **Earnest Money Deposit (EMD)**.

6. I/we also agree to execute the contract bond/agreement as per ICAR rules

Yours faithfully,

Signature of Tenderer with date and
seal

**APPLICATION FOR REQUEST FOR REFUND OF THE E.M.D. WITH REGARD TO THE TENDER FOR
THE CIVIL WORKS UNDER ICAR RESEARCH COMPLEX, TRIPURA CENTRE, LEMBUCHERRA,
WEST TRIPURA, TRIPURA**

From

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, P.O. Lembucherra,
West Tripura-799210, Tripura.

Sub: Application for release of EMD

Ref: Work entitled

‘.....’

Sir,

This is to request you that since I am not the successful bidder with regard to the above mentioned tender, hence my E.M.D. which was dispatched / submitted to your good self vide Deposit-at-Call / Demand Draft / Banker's Cheque No. _____ dated _____ for Rs. _____ of(name of Bank and Branch) drawn in favour of the Joint Director, ICAR Research Complex and payable and Agartala, may kindly be refunded to me at an early date.

Yours faithfully,

Date:

Signature & Seal of the Tenderer