

Specification-cum-Tender Paper for different scientific equipment under different projects

Name of Project: DBT funded project on 'Identification of major QTLs for grain yield..... in rice'.

Sl. No.	Name & specification of scientific equipment	Quantity required	Rate	Amount (Rs.)
1.	Thermal Cycler: Universal block: 96x0.2ml PCR tube, 77x0.5ml PCR tube, 18x12 microtiter plate, gradient block with gradient from 1°C-20°C, heating and cooling via peltier technology, regulation accuracy per well $\pm 0.2^\circ\text{C}$, auto calibration, log book function for error, variable ramps.	1 (one)		
2.	Nano Spectrophotometer: Nano Spectrophotometer for quantification of sample volume from nanoliters to milliliters within 2 seconds, optional background correction at 320nm for UV method, automatic calculation of sample dilution, xenon light source, interface RS 232C serial for printer of PC, supplied with 80 disposable cuvettes.	1 (one)		
3.	Molecular Biology Grade Water Purification System / Millipore Water Purification system: Molecular biology grade water purification system with water quality of $>5\Omega\text{cm}$ @ 25°C resistivity, TOC < 30 ppb ($\mu\text{g/l}$), Bacteria <0.1 cfu/ml, Particulats $> 0.22\mu\text{m}$ < 1 particulates/ml, Pyrogens (endotoxins) < 0.001 EU/ml, RNasses < 0.01 ng/m, <4 pg/ μl , supply with back flushable iron removal.	1 (one)		
4.	-86°C Freezer: With 18 gauze stainless steel body, capacity 410 ltr (14.5 cuft), programmable temperature range from -20°C to -86°C in 1°C increments, microprocessor control and aram with non-volatile memory hermetically sealed two stage cascade system, insulation polyurethane foam of 5.1", 130mm thick, stainless steel five compartment equipped with insulated inner door with magnetic lock, SMART plus diagnostic software built into front control panel.	1 (one)		
5.	Thermomixer along with exchangeable thermoblock for micro test tubes, complete with Thermo Rack and Iso Therm Cool Pack: Temperature control from 13°C below room temperature to 99°C temperature setting $1-99^\circ\text{C}$, mixing frequency 300-1500 1/min, incubating accuracy $20-45^\circ\text{C}$, heating speed 5°C , cooling down time $2-3^\circ\text{C}/\text{min}$.	1 (one)		
6.	Thermostat with Thermoblock for 24 micro test tubes 2.0ml with work rack and exchangeable thermoblock for 24 micro test tubes: Temperature control range $5-99^\circ\text{C}$, accuracy temperature control $0 \pm 1^\circ\text{C}$ at 37°C and $\pm 0.5^\circ\text{C}$ at 90°C , range in time phases 0:01 – 99.59 hrs, device control and documentation with GLP via RS 232 interface.	1 (one)		
	Total			

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Name of Project: AICRP on MuLLaRP

Sl. No.	Name & specification of scientific equipment	Quantity required	Rate	Amount (Rs.)
1.	Power Pack for Gel Electrophoresis: Low capacity Power Pack for agarose or PAGE electrophoresis that supply the power up to 300V	1 (one)		
2.	High Speed Refrigerate Centrifuge: Refrigerated Centrifuge for sedimentation up to 4 x 500ml in swing-out rotors or up to 20.000 x g in angle rotors, speed range up to 15.000 rpm, possibility of pre-cooling the rotors during standstill, magnetic rotor identification to prevent rotors from over speeding, Stainless steel bowl, Imbalance switch, spin control with LED display, show speed, temperature, g force increments and running program auto lid open switchable, optical display still stand, Fast cool program Rapid-temp, All rotors pre-programmed, Four figure code protection, Supply with rotors of following type and capacity: Fixed angle – 30 x 1.5 – 2.2ml Fixed angle – 6 x 85ml with 30ml & 50ml adaptor Swing out – Bucket with 1x50ml, Culture Swing out – Bucket with 1 x 15ml, Culture	1 (one)		
3.	Water Bath: Multi-chamber shaking Water Bath with removable shaking carriage and dry running protection, working temperature range 20 – 99.9°C, Filling volume 8-20 ltrs, ambient temperature 5-40°C, Heater capacity 1000V	1 (one)		
4.	-20°C Deep Freezer: Temperature range -18 / -22°C, capacity 12 cu ft, interior white food safe plastic, 6 shelves, Rear Rolleers for easy movement, light fitted, Reversible double door.	1 (one)		
5.	200 Lt. Freeze: Freeze with capacity of 210 lt., stabilizer free operation, fire retardant wire.	1 (one)		
	Total			



ICAR Research Complex for NEH Region

Tripura Centre, P.O. Lembucherra 799 210
West Tripura.



No. RC/TC(S-29)/2011/MuLLaRP/_____

February 25, 2012.

Sealed bids are hereby invited for procurement of **Scientific Equipment/Instruments** from the reputed registered firms/manufacturers/authorized dealers by ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, West Tripura. Detailed specifications of the items and terms & conditions etc. are given below:

1. **Cost of Tender Paper of Rs.500/- only** (non-refundable) to be deposited in the favour of the Joint Director, ICAR, Tripura Centre by means of Demand Draft/Banker's 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. **Separate quotation, project-wise, must be submitted for individual item.** 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.....(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. **The cost of the Tender paper as well as the Earnest Money along with ophther Technical Details should mandatory 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.** Tenders to be hand delivered should be put into the Tender Box kept in the AAO's Room of ICAR, Tripura Centre, Lembucherra not later than **1 P.M. of 24th March 2012.** Tenders received after the due date and time shall not be considered under any circumstances.
3. **The rates quoted 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 quotation.
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 (if any) 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. is mandatory, failing which, the quotation shall not be considered. Dealership Certificate/Agency Certificate for manufacturer/manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents.
7. **The supply is effected at DGS&D rate contract, wherever is applicable.** The rate should be quoted for list items as per the tender documents.
8. The buyer shall not be responsible for payment of any transit insurance charges.
9. 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).
10. **(a) In case of imported goods, 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 India 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 price.

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(b) 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 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.

(c) **The import & payment will be made by means of Foreign Bank Draft/Site Draft in case of foreign imported good.** Performance Bank Guarantee of 10% FOB value valid till the 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, till the end of warranty period, should be submitted before the release of 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.

(d) All imported items should be delivered up to destination i.e., all the import should be free of inland freight charges insurance etc.

(e) **Indian Agency Commission rate and amount should be clearly specified as per rules. IAC, wherever applicable, will be paid in Indian Currency only.**

(f) In case of delay in supply, penalty will be imposed @20% per week, subject to a maximum of 10% of the FOB value.

(g) 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.

11. **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).**
12. All bidders should mandatory give their current & other Bank A/c details to enable the office to release the dues through e-transfer basis.
13. **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 (for indigenous as well as for foreign items quoted in foreign currency, equivalent Indian currency may be deposited) in the form of Demand Draft/Banker's Cheque/Bank Guarantee/Deposit-at-Call, valid for 6 (six) months, draw 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.**
14. 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.
15. 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.
16. The firm/agency run by the Non-Tribal should produce Trading License issued by the competent authority at the time of awarding Contract.

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17. 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.
18. 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.
19. The Joint Director, ICAR Research Complex reserves the right to reject any tender in part or full without assigning any reason thereof.
20. Legal jurisdiction for all disputes shall be within the purview of the Agartala Court.
21. **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.**
22. **The bidders should mandatory sign on every page of the Tender Documents, which would show their unconditional acceptance of all the terms and conditions of the Tender Documents.**
23. Tenders shall be opened on **20th March 2012 at 2 P.M.** at the ICAR Research Complex, Tripura Centre, Lembucherra. Interested bidders may attend the opening.
24. 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.
25. For any query/clarification, the following official/undersigned may be approached at:

Contact No. 0381 2865537 (Tel – Fax)
E-mail: jd_icar@yahoo.com

(M. DATTA)
Joint Director

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