



File No. SHG(PR)7/Purchase/DBTTWIN/2013-14/03

Dated 26 February, 2014

OPEN TENDER

Sealed tenders Bids are invited from the reputed registered firms/ manufacturers/ authorized dealers by National Bureau of Plant Genetic Resources (NBPGR) Regional Station, Umiam, Meghalaya under DBT funded NER-TWINNING project for the procurement of following scientific equipments. Detailed specifications of the items, terms and conditions, etc. are given below:

Name and detailed specification of the Equipments:

SN	Name of the Item	Specifications
1	Thermal Cycler	<ul style="list-style-type: none">▪ Capacity: 2 x 96 well plate. 192 x 0.2 ml tubes.▪ Temperature range: 4 – 100 °C.▪ Temperature Accuracy: $\leq \pm 0.5^\circ\text{C}$.▪ Temperature uniformity: $\pm 0.5^\circ\text{C}$ (well-to-well) within 30 sec.▪ Temperature control speed: 2-3 °C/s (heating and cooling).▪ Reaction volume range: 10-100 ul.▪ Instrument status indicates the step, cycle and remaining runtime during the run.▪ Auto restart after power fails and resumes.▪ Memory: USB/ onboard: storage of ≥ 100 typical PCR programmes.▪ Power save standby function.▪ Inbuilt diagnosis of system software operations.▪ It should be high throughput compatible. Option to connect more system for maximum throughput.▪ Weight of the thermal cycler should be < 10 kg.▪ The thermal cycler should be quoted with suitable uninterrupted power supply (UPS) having at least one-hour power back up.▪ A minimum of two-year onsite warranty.
2	Gel documentation system	<ul style="list-style-type: none">▪ The system should include suitable scientific grade camera with an image resolution of ≥ 3.0 mega pixel.▪ The camera should have options for filters (holder) and should include standard emission filter.▪ The camera should have variable orders of magnitude (dynamic range).▪ The system should have standard illumination control modes for Trans-UV, Trans-white and epi-white.▪ Epi-white light and trans-UV source should be standard (302 nm).▪ The system must be quoted with UV-blue conversion screen for SYBR Safe DNA applications.▪ The UV light should off when the system's door is opened.

		<ul style="list-style-type: none"> ▪ Image viewing dimension: > 15cm X 25 cm (W X L) for viewing larger gels. ▪ The system should have automation capabilities: application specific setup for image area, illumination source, filter, auto-exposure, focusing, analysis, report and 100% reproducibility via recallable protocols. ▪ <i>Gel Documentation System should be supplied with:</i> a) Gel Capture acquisition software, with free lifetime upgrade for rapid one click image capture, overexposure control, inverted image options for detected weak signals and real time activation and imaging with full PC control. b) Analysis Software for 1D electrophoresis gels, Automatic detection of lanes and bands, Automatic background subtraction, Molecular weight calculation, Quantity calibration and normalization. c) Suitable computer. ▪ One-year warranty (preference will be given for more) of the whole system including the lenses and camera. Onsite service as and when required.
3	Micro-centrifuge (refrigerated)	<ul style="list-style-type: none"> ▪ Rotor having ≥24-places for 1.5/2.0 ml micro-centrifuge tubes. ▪ Maximum Rotational Speed: ≥15000 rpm. ▪ Maximum Relative Centrifugal Force (rcf): ≥21000 x g. ▪ Temperature Setting Range: -10°C to 35°C. ▪ Fast Temp function for rapid cooling of the rotor and rotor chamber is essential (from RT to 4°C within max. 10 minutes). ▪ The instrument should be capable to maintain constant 4°C at his MAX speed. ▪ System for fast and reliable lid locking. ▪ Short-spin and Soft ramp function is required. Acceleration time should be: ≤15s and Breaking time should be: ≤ 20s for doing experiment with sensitive samples. ▪ Auto shut-off of compressor after 8 hours of non-usage – for energy saving. ▪ Noise level with rotor: ≤ 50 dB. ▪ As a safety feature the instrument should have a build in condensation drain that eliminate water accumulation in rotor chamber and prevent corrosion. ▪ The instrument should be optionally quoted with PCR-strip rotor and 0.2 ml PCR tube adapter is required ▪ The instrument should be very compact and fits in bench space and also access able in low hanging shelves. ▪ The centrifuge should be CE and IVD certified for research Purpose. ▪ The centrifuge should be quoted with two years onsite warranty period.

Terms and conditions

1. **Cost of the tender paper of Rs. 500.00 only** (non-refundable) to be deposited in the favour of the Officer-In-Charge, NBPGR, Regional Station, Umiam, Meghalaya by means of demand draft (DD) payable at Shillong. Non-submission of the cost of the tender paper shall lead to non-consideration of the tender.
2. **Separate quotations along with necessary documents must be submitted for individual items.** Every quotation should consist of two Bids system – 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 envelop**. The outer cover of the main envelop should be super-scribed “**Tender for Equipments – DBT NER-TWINNING project**” and addressed to “The Officer-In-Charge, NBPGR Regional Station, Umiam, Meghalaya 793 013”. The bidding Firm should give their complete address on the bottom left corner of the main cover. The tenders should be sent by registered post or may be hand delivered in the Tender Box, kept in Office of the bureau at Umiam, Meghalaya not later than **12:30 PM on March 24, 2014**. Tenders received after the due date and time shall not be considered under any circumstances.]
3. If any of the above date(s) is/ are declared to be a holiday, the tenders shall deem to remain open for acceptance till next working day.
4. **The technical bid should consist of all the technical details like detailed specifications, brand name, model and make, catalogue, authorization letter, dealership certificate, company registration certificate, 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.** In case where VAT/CST/Service charges etc. are charged, the details of category under which the item is charged and from which state etc. should be given. An attempt to under charge such duties may lead to rejection of bid. Dealership 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 mandatorily kept in the Technical Bid only.** Technical/Financial Bid of a particular item should be enclosed separately for each item. Lack of any required technical literature may result in the non-consideration of the Bid. Financial bids of the technically accepted offers would only be considered for further evaluation and analysis. Non-compliance of this shall lead to non-consideration of the Bid.
5. **The tenderers** [except those who are registered with the Central Purchase Organization & National Small Industries Corporation (proof should be mandatory)] **shall have to deposit 2.5% of the quoted amount as bid security** (for indigenous as well as for foreign items quoted in foreign currency, equivalent Indian currency may be deposited) **in the form of DD, valid for six months, drawn in favour of the Officer-In-Charge, NBPGR Regional Station, Umiam, Meghalaya, payable at Shillong** along with the quotation. Non-submission of the bid security with quotation shall make the quotation/bid liable to be rejected.
6. Attested copy of the up to date sales tax and income tax clearance certificate (if any) from the authority concerned should be submitted with the quotation.
7. **The Financial Bid** should consist of the rate only and should be quoted separately for each item and enclosed in separate envelope. Price quoted must be given per unit and

must be all inclusive, including packing, forwarding, delivery, taxes, VAT etc., as may be applicable, but shown individually. The amount of discount, etc. offered by the bidder should be specifically shown as admissible. **The rates should be quoted up to NBPGR Regional Station, Umiam, Meghalaya, (as per details) for the mentioned items.** The rates must be valid for at least six (06) months from the date of the quotation.

8. The buyer shall not be responsible for payment of transit insurance charges.
9. 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).
10. **(a) In case of imported items, 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 the Bureau to accept Indian or Foreign currency prices.
(b) In case any custom duty charge, applicable as per the notification of the Govt. of India, 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.
(c) 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 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. 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 entry, etc.
(d) All imported items should be delivered up to destination i.e., all the import should be free of Indian freight charges, insurance, etc.
(e) Indian Agency Commission (IAC) 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 @2% 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. **NBPGR being a Scientific and Research Organization, is exempted from payment of excise duty (certificate to this effect will be provided).**
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 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.
13. The selected bidders must complete the supply/ 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 fortified and supply order shall be cancelled.
 14. 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.
 15. The Director/ Officer-In-Charge, NBPGR reserves the right to reject any tender in part or full, without assigning any reason thereof.
 16. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.
 17. **Bidder should mandatorily sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document. The bidder 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.**
 18. **Bidder should mandatorily give your current, PAN Card No., TDS & other Bank A/C details to enable the office for releasing the dues via e-payment basis.**
 19. The Firm/ Agency run by the Non-Tribal should produce Trading License issued by the KHADC at the time of awarding the Contract.
 20. 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.
 21. 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.
 22. The Techno-Commercial Bids will be opened on **March 24, 2014 at 2:30 PM** at NBPGR Regional Station, Umiam, Meghalaya. Interested bidders may attend the opening.
 23. 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.
 24. For any query/ clarification, the undersigned may be approached at:
Email: shillongnbpgr@gmail.com
Tel: 0364 2570193/ 2570651

Sd/-
Officer-In-Charge