

ICMR – REGIONAL MEDICAL RESEARCH CENTRE, N.E. REGION
Post Box No 105, DIBRUGARH –786001, ASSAM, INDIA

No. RMRC/DIB/S&P-18(Advt. I Proj(MTB_MDRTB))/2018-19/ 3160

Date: 22/02/2019

Notice Inviting Sealed Tender after Pre-Bid:

In connection with the advertisement No. RMRC/DIB/S&P-18(Advt. I Proj(MTB_MDRTB))/2018-19/3027 dated 14/02/2019.

The Pre-bid meeting of Project approved Equipments was held at ICMR – RMRC, Dibrugarh on 22/02/2019 at 11.00 A.M. Onwards for generalization of the specification of the advertised Equipments.

Since no firm has attended the meeting, so the specification of the item and other terms & conditions will be same as earlier advertisement.

Sl. No.	Name of Equipment	Specifications
1	2	3
1.	Automated next gene sequencer	<ol style="list-style-type: none">1. A single, integrated Next Generation Sequencing (NGS) machine instrument with automated template DNA amplification, sequencing, and data analysis (base calling, alignment, variant calling, and reporting) onboard on machine.2. The system should be capable for targeted resequencing, metagenomics, small genome sequencing, targeted gene expression profiling, high throughput multiplexed sequencing, RNA-seq, ChIPseq, etc.3. Sequencing chemistry: 'Sequencing By Synthesis' method using nucleotides with reversible terminators with simultaneous addition of all four bases in the sequencing reaction.4. Fully automated sequencing workflow, walk-away operation, without user intervention, for template amplification to analyzed data on a single machine, and support unattended operation for at least 600 sequencing cycles.5. The system should generate at least 15Gb data with at least 50 million paired-end reads (reads passing filters) and 2 × 300 bp reads from a single run. It should also generate also 2X25bp, 2X75bp, 2x100bp, 2X150 bp, and 2X250bp.6. Sequence output should generate accurate base calls and high error free reads with greater than 80% bases with high quality Q30 score at 2x150 bp read length, derived directly from intensity data and not from a reference sequence-based, multiple-color encoding scheme.7. Clonal amplification of DNA template should employ accurate bridge amplification methodology, should be fully automated, without the involvement of emulsion PCR.8. The sequencer should be able to read through at least 15 bases homo-polymer stretches in the genome accurately.9. The system should be offered with integrated paired-end fluidics on the instrument, supported with fully automated paired-end chemistry, without user intervention.10. The data analysis module should enable real time, on-instrument image processing, base calling, read alignment and variant calling without the need for ancillary equipment.

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		<p>11. System should offer the user-friendly sequencing experience, such as, intuitive touch-screen user interface, RFID tracking and pre-mixed/pre-filled integrated reagent cartridge for minimal user intervention.</p> <p>12. The system should offer the option of seamless integration with cloud computing environment to avoid manual data transfer and analysis.</p> <p>13. Conform to EMC directive-(2014/30/EU) (2014/35/EU) (2014/53/EU); IEC and ISO 13485:2003 certifications</p> <p>14. Indel Errors/100 bases: <0.001%</p> <p>15. All the accessories should be quated</p> <p>16. Suitable UPS and table should be provided</p>
2.	Automated TB culture, Drug sensitivity system	<p>Mycobacteria Identification and complete First line drug sensitivity including pyrazinamide and Second line Drug Susceptibility testing based on Culture System. The system should capable of detecting Mycobacteria, differentiation between MTB and Non tuberculosis mycobacteria and first line and second line drug susceptibility testing for <i>Mycobacterium tuberculosis</i> based on liquid culture. The system should accommodate a minimum of 900 test samples at a time. The culture system should be based on the fluorescent technology. The system should be such that isolation and drug susceptibility testing should be done in a liquid media incorporated in a plastic tube/bottle. The system should have the additive reagents like PANTA to make the isolation media very selective and enriched for better isolation rate. Must not have the involvement of the Sharps. The system should have automatic quality control check. The system should have the inbuilt bar code scanner to scan each sample. The system should be able to identify positive and negative samples automatically. The system should have ready to use reagents supplied from the manufacturer with WHO validated and approved protocol for the first and second line drug susceptibility testing for <i>Mycobacterium tuberculosis</i> against Streptomycin, Isoniazid, Rifampicin, Ethambutol, pyrazinamide without manual preparation of reagents. The system should give automated interpretation of drug susceptibility results to Susceptible/Resistant level. Should have plastic tubes/bottles for safe handling and disposal. The system should maintain uniform 37degree C +/- 1.5-degree C temperature while incubation. The system should be able to be interfaced bi-directional to a LIS. The system should have a comprehensive reporting and data management facility. The system should have a computer and printer interface and can process both pulmonary and extra pulmonary. Auto QC and advance software. The system should have in-Built Bar – code Scanner. Suitable UPS, table, printer with computer for data storage and liquid Media bottles/tubes and kits for First line drug and other accessories</p>
3.	Horizontal gel electrophoresis	<p>External dimensions: 160-200 mm (W) x 150-180 mm (L) x 50-60 mm (H) Buffer volume: Approx. 300-350 mL (including gel and buffer), Material: UV-transmissible resin allowing direct observation of bands during electrophoresis by placement of the tank on transilluminator with High sample capacity. The timer set range: 1–99 minutes and includes alarm function with setting memory. Output voltage should be selected from among 7 levels (18, 25, 35, 50, 70, 100. and 135V) and input voltage supports 100–240V, allowing worldwide use. Safety covers (1 cover): External dimensions: 180-200 mm (W) x 160-180 mm (L) x 30-50 mm (H) with a confirmation of cover placement by a light sensor.</p> <ul style="list-style-type: none"> • Gel maker stand of 2 units: 140-160 mm (W) x 120-140 mm (L) x 15-25 mm (H)

Signature
27/7/17

		<ul style="list-style-type: none"> • Gel tray L for 2 trays: 130 mm (W) x 122 mm (L) x 13 mm (H) • Gel tray S for 2 trays: 130 mm (W) x 59.5 mm (L) x 13 mm (H) • Well dimensions: • 5-8 mm (W) x 1-5 mm (L)/ 10-15 wells (pitch 5-10 mm) • 1-5 mm (W) x 1-5 mm (L)/ 20-30 wells (pitch 1-5 mm)
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Terms & Conditions:

1. Tenders are requested to give detailed tender separately for the item in their own forms under two bid systems - Technical and Financial Bid in two separate sealed envelopes super scribing the name of the item & Sl. No as mentioned in the tender paper on the envelope such as "Quotation for (Name of the item)".
2. Non – refundable **Tender Fee** (for each item) of Rs. 200/- (Rupees two hundred only) in the form of demand draft in favour of The Director, ICMR – Regional Medical Research Centre, N.E. Region, Dibrugarh must be enclosed with the tender (Technical Bid). Otherwise the tender will not be considered.
3. **Earnest Money @ 2% of the Quoted Price (EMD) to be submitted against each item along with tender "Technical Bid"** (Not to be submitted with Financial Bid) by demand draft in favour of The Director, ICMR – Regional Medical Research Centre, N.E. Region, Dibrugarh in the form of Bank Guarantee.
 - a. **Performance warranty:** An amount equal to **10% of the total cost of the item as Bank Performance Warranty (should be covered the warranty period) in case of accepted tender** in form of Bank draft or bank guarantee in favour of The Director, ICMR – Regional Medical Research Centre, N.E. Region, Dibrugarh. **should be submitted within 21 days from the date of issue of the order.**
 - b. **Liquidated Damage:** A sum equivalent to 0.5% of the delivered price of the delayed goods for each week of delay or part thereof until actual delivery, up to a maximum of 10% of the delayed goods of contract price will be imposed. If failed to supply, than the Performance Security will be forfeited as Penalty charge.
4. The Technical Bid should accompany with complete specifications, Manufacturer's name, address and relevant Literature / Brochures with WARRANTY terms & EMD etc.
5. The make/ brand and name and address of the manufacturer, country of origin, country of shipment and currency in which rates are quoted are to be mentioned.
6. Details of onsite warranty, agency who shall maintain warranty and undertake Annual Maintenance Contract / Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian agent who shall maintain warranty and AMC beyond warranty shall be given in the Technical Offer, Name, address, contact persons, phone/fax no/e.mail id etc. of such firm may also be indicated clearly. Details of services rendered as well as after-sales services offered are to be made clear in the technical bid.
7. Indicate the names of the reputed Indian Organizations where similar Equipments/Instruments was supplied and may attach the satisfactory performance report of the item from user Organization. Kindly submit the last purchase order from reputed organization.
8. If similar or identical Equipment/Instruments were supplied to other ICMR Labs/ Institutes, the details of such supplied for the preceding three years may also be given together with the price eventually or finally paid.
9. The Tenderer is required to furnish the Permanent Account Number (PAN) allotted by the Income Tax Department. If registered with the National small Industries Corporation, the registration

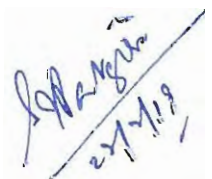
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number, purpose of registration and the validity period of registration etc. should also be provided in Technical Bid.

10. The Tenderer has to state in detail the Electrical Power / UPS requirements, floor Space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system etc. and to run the tests, i.e. pre-installation facilities required for installation in the technical bid.
11. Cost of the items should be mentioned clearly in the Commercial Offer only. The optional and any other essential items / accessories required for the maintenance of the equipment for the next THREE years should also be specified in the commercial offer separately.
 - a) Packing, Forwarding, Freight & Insurance and Commissioning charges, if any extra, may be quoted separately in Commercial Bid.
 - b) In case if the quote is F.O.R / F.O.B basis, estimated insurance coverage charges may please be indicate.
12. ICMR – RMRC, Dibrugarh will not be responsible for delayed / late quotations submitted / sent by Post / Courier etc.
13. Kindly mention the charges for AMC / Comprehensive Annual Maintenance contract separately in Commercial bid (for post warranty period) upto 10 years after expiry of the warranty.

Discount on all spares have to be specified during warranty period.

14. Tenders, which are submitted without following the Two-Bid offer system -
 - a) Late / Unsigned / incomplete Tenders
 - b) Conditional Offers
 - c) Tenders submitted by Fax / E.mail / Telegraphic if not accompanied Bid Security/EMD, will summarily be rejected.
15. Descriptive catalogue and technical details, if any for the equipment should be submitted along with the quotations. Please also state the accessories required to be supplied along with the main instruments, if any
16. Manufacturer Certificate, if the firm is a manufacturer or authorized dealership certificate is to be submitted along with the quotation.
17. Quotation in triplicate for each item must be submitted separately under proper sealed cover.
18. The price should be FOR, ICMR – RMRC, Dibrugarh. The equipment has to be delivered at ICMR – RMRC, premises. Unloading the item from the transport under risk of supplier.
 - a. **For the imported items, the supplier (Indian agent) will responsible to clear the consignment from the custom and supply the same at FOR Dibrugarh**
19. The firm/supplier should submit guarantee letter of the spares or related chemicals/kit etc. of the respective equipment that the same will be available for next 10 years.
20. **The firm should give a 5 years Warranty of the item (3 years comprehensive warranty and 2 years services (non-comprehensive)).**
21. Quotation rate should remain valid at least for 6 (six) months from the date of submission of the tenders/ quotation.
22. Authority reserves the right to accept or reject any tender quotation without assigning any reason.



23. The pre-requisite material, which will be required, should be quoted separately.
24. Please **mention the GST charges separately in the quotation and GSTIN etc for deducting the tax charges (if applicable)** in this Centre.
25. The Equipments/Instruments should have good performance record/recommendation from at least two government research/academic institutions of repute and should submit reports with regard to the following for a period of 5 yrs.
 - Performance of the equipment
 - Post-sales service

Dealers should undertake to provide expert qualified engineers for maintenance/support within 24-48 hours of receiving a complaint. If the concerning person could not turn up within the period of break down, then the warranty period will be extended automatically.

26. The vendor quoting for the tender should either be the original equipment manufacturer (OEM) or the vendor should be having a joint venture with the OEM for more than Five years .The vendor quoting the tender should produce in original an undertaking from the OEM that the OEM shall have the vendor quoting the tender as his distributor for next 10 years and in case Distributor defaults in service, OEM shall directly take up On-site support services at the same terms and conditions as agreed with Distributor.
 - a) In the tender, either the Indian Agent (IA) on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
 - b) If an IA submit bid on behalf of the Principal/OEM, the same agent shall not submit a bid of another Principal/OEM in the same tender for the same item/ product.
27. The firms registers with Government e Marketplace (GeM)/Director General of supplies & Disposals (DGS&D) will get first preference and be able to provide the Equipments/Instruments with DGS&D rate but should provide the exact specification of Equipment/Instruments advertised.
28. The items which are proprietary in nature, the firm should submit the **Proprietary Certificate** from the manufacturer in the prescribed format of **GFR Rule (Refer rule 166 of GFR), Govt. of India.**
Rule 166. Single Tender Enquiry.
 Procurement from a single source may be resorted to in the following circumstances:
 - (i) It is in the knowledge of the user department that only a particular firm is the manufacturer of the required goods
 - (ii) In a case of emergency, the required goods are necessarily to be purchased from a particular source and the reason for such decision is to be recorded and approval of competent authority obtained.
 - (iii) For standardisation of machinery or spare parts to be compatible to the existing sets of equipment (on the advice of a competent technical expert and approved by the competent authority), the required item is to be purchased only from a selected firm**Note:** Proprietary Article Certificate in the following form is to be provided by the Ministry/Department before procuring the goods from a single source under the provision of sub Rule 166 (i) and 166 (iii) as applicable.
 - (i) The indented goods are manufactured by M/s.....
 - (ii) No other make or model is acceptable for the following reasons:

 - (iii) Concurrence of finance wing to the proposal vide:
 - (iv) Approval of the competent authority vide:

(Signature with date and designation
of the indenting officer)

29. The firms have to submit their copy of IT returns for last three years.
30. **The last date of submission of tender/quotation: 14th March 2019.**
31. **The quotation will be opened on 15th March 2019 from 11:30 AM onwards. The Tenderer/Representative may present at the time of opening of quotation on that day & time.**

A handwritten signature in blue ink, appearing to be 'S. K. Sharma', with the date '22/3/19' written below it.

Purchase Officer I/c