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No. F-8() RMSC/EPM/M-1/NIB-628/2021-22/ 1189

Dated: 12/10/2021

CLARIFICATION/CORRIGENDUM/ADDENDUM

Subject: Amended Technical Specification and amendment in BOQ of bid document of Item Centrifuge (Micro-plate), under No. F-8()RMSC/EPM/M-1/2021-22/NIB-628/1085 date 17.09.2021

In reference to subject cited above NIB-628, various representation received from the firms and issues raised by the bidder are examined by the competent authorities and technical committee. All other terms & conditions remains the same The following clarification/corrigendum/addendum is issued for inclusion in bid document of items as below:-

Revised Technical Specifications Microprocessor based CAT/Gel Card Centrifuge with Incubator:-

1. Purpose of Equipment:

- a) Immunohematologic Gel/ CAT-microcolumn-Card-centrifuge to perform manual centrifugation step for Blood Grouping, Cross Matching, antibody screening or identification or phenotyping by coombs and enzyme phase by gel microcolumn technique to detect both IgG & IgM antibodies, and also potentially usable for C3d, Partial/weak D, Single Rare antigens, (Should be optional- PNH, Heparin/PF4 Ab Test (HIT), Syphilis antibody test etc).
- b) Must be designed specifically for blood bank use. Commercial or modified commercial centrifuges for other purpose are not acceptable

2. Quality Standard:

- a) Manufacturing should be compliant with ISO 13485 (Valid documentation should be submitted in technical bid).
- b) Should be compliant with European CE with notified body number according to IVD Directive 98/79/EC or US FDA for this specific purpose. (Valid documentation should be submitted in technical bid).
- c) Equipment must be certified for electrical safety specifications of IEC for "Safety requirements for electrical equipment for measurement, control, and laboratory"

3. Capacity, Construction and Functioning

- a) Centrifuge head should have minimum 10- 12 slots to accommodate 10- 12 of corresponding manufacturer's immunohematologic Gel microcolumn cards.
- b) Swing out suspensions for Gelcard slots
- c) Aerodynamic compact construction with vibration free performance; Noise level should be less than 60dB.
- d) Bottom of the microcolumn should have a conical (v) shape, u shaped bottom is not acceptable.

4. Lid

- a) The lid of the centrifuge should be transparent and should have auto-locking during spinning

5. Electrical characteristics:

- a) Must be compatible with Input voltage: 220/240V 50/60 Hz Ac

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- b) Should have an integrated voltage stabilizer or should come with external stabilizer.
 c) Microprocessor controlled programming with LCD screen displaying Rpm or RCF, time and other functions should be displayed real time
6. Should supply with compatible incubator of **same make** with a set of compatible variable volume micropipette.
 7. **Guarantee:** Three years on equipment from the date of installation.
 8. **CMC:** CMC will be given @ 5 % of net rate – Rate exclusive of GST (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of three years.
 9. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue in the Technical bid.
 10. Installation will be done by supplier free of cost.
 11. The complaint of this equipment shall attend with in 72hrs.
 12. Four Preventive Maintenance services annually during Guarantee and CMC period are essential.
 13. Demonstration of equipment is must for final technical approval.
 14. **Consumables: For the Cost per Test, the rates of following Consumables for each test, should be provided by bidder in online BOQ**
 1. Crossmatch Card
 2. Liss Solution
 3. Grouping card
 15. **Technical Specification for Incubator-**
 - i. The Incubation of card at 37⁰C.
 - ii. Machine should be 2 Card racks (20-24 Cards)
 - iii. Machine should be monitored by microprocessor
 - iv. Machine should have standard program 15 Minutes at 37⁰C ± 2⁰C
 - v. Incubation time programmable (1 to 60 Minutes)
 - vi. Machine should be Time and Temperature are LCD displayed.
 - vii. Machine should be USAFDA/CE Certify by notified body.

Dr.


 Executive Director (EPM)
 RMSCL, Jaipur

For reference purpose only

Revised Financial bid for Quoted Goods

S. N.	Name of goods under procurement	Brand/ Make & Model	Approx qty.	Unit(Packaging Size)	Net rate per Unit (Rs.)	Rate of SGST (%)	Rate of CGST (%)	Rate of IGST (%)	Rate of GST as applicable	Amount of GST as applicable	Total amount In Rs. (6+11)	
1	2	3	4	5	6	7	8	9	10	11	12	
1	Centrifuge (Micro-plate)		30	Each	Do not quote rates here.							
2	Crossmatch Card		1	Cost per test								
3	Liss Solution		1	Cost per test								
4	Grouping Card		1	Cost per test								
Rates shall only be filled in BOQ https://eproc.rajasthan.gov.in												

Date

Signature

Name in capitals
Company /Firm seal

Note: -

The Bidder should quote the rates (as per packing units mentioned in the bid/ BoQ) in the BOQ provided online, any deviation in quoting rates may lead to rejection of the financial bid.

Rates of SGST, CGST & IGST in %, should be shown separately for further reference.

No quantity or cash discounts should be offered.

The L-1 bidder will be decided on the basis of rate of Centrifuge (Micro-plate) per unit quoted in online BOQ only.

CP

[Signature]
Executive Director (EPM)
RMSCL, Jaipur