

**JAI PRAKASH NARAYAN APEX TRAUMA CENTRE
ALL INDIA INSTITUTE OF MEDICAL SCIENCE
RAJ NAGAR, NEW DELHI -110029.**

Ref. No. 153/TC/PAC/2022-23

Dated:08.05.2023

Subject: Purchase of Refrigerated Centrifuge with Touchscreen Interface with Rotor-01 no. for the department of DNA Lab on proprietary basis.

A demand received from department of DNA Lab at JPNATC, AIIMS for the procurement of **Refrigerated Centrifuge with Touchscreen Interface with Rotor-01 nos.** on proprietary basis. The proposal submitted by M/s Future India Pvt. Ltd. which is authorized distributor of M/s. Eppendorf India Pv. Ltd., The PAC certificate from the firm as well as from the user department are attached and uploaded on website.

The above documents are being uploaded for open information to all, firms to submit the objections, with respect to proprietary nature of the product, if any within 15 days from the date of issue/uploading of the notification, giving reference no. **153/TC/PAC/2022-23**. The comments should be sent to Stores officer, JPNATC (AIIMS) on or before 24.05.2023 upto 1:00 PM, failing which it will be presumed that any other vendor is having no comments to offer and the case will be decided on merit.

*2307
8/5/2023*

STORES OFFICER (TC)

Encl: Related document enclosed

1. PAC Certificate form principal.
2. PAC Certificate form User Department

Sl. NO.	Tender Specifications
Technical specifications:	
1	Be a refrigerated multipurpose bench-top centrifuge of 4 Liters or more capacity.
2	Be capable of using fixed angle and swing out rotors with adapter to use different tube formats.
3	Swing out rotor be provided with universal bucket (with aerosol tight lid) to fit tubes/bottles with adapters with maximum of 4,500rpm and 4,300 x g.
4	Have universal rotors to accommodate various plate formats, bottles, conical tubes etc. (Tubes: with at least 64 x 5 ml FACS, 64 x 5 ml Eppendorf tubes, 64 x 15 mL Falcon tubes, 28 x 50 mL Falcon tubes, 4 x 175-250 ml bottles) and with plate adapter 4 x MTP or 4 x DWP (deep well plates).
	The fixed angle metal rotor should accommodate for 30 x 1.5 / 2 mL Eppendorf tubes with aerosol tight lid with at least 13,500 rpm/ 20,500 x g or more.
6	Maintain temperature range -10°C to + 40°C.
7	Have a maximum Capacity to simultaneously hold 4 x 750 ml bottles and 4 x 5 MTP (Micro Titre Plates).
8	Have user-friendly operation; key panel with provision to set speed RPM / RCF, radius correction values that can be changed during centrifugation.
9	Have fast cooling function for quick pre-cooling of centrifuge and stand-by cooling options.
10	Have programmable Temp cooling function allowing for automatic precooling based on pre-programmable time and date.
11	Have automatic shut off feature with adjustable time function to reduce energy consumption and to extend compressor life when not in use for long hours.
12	Have at least 5 program keys for routine programs and at least 99 storable programs.
13	Be equipped with automatic rotor recognition and imbalance detection for maximum operational safety.
14	Timer - 10 s to 99 h 59 min, with continuous run function and short spin.
15	Indicate "time since centrifugation complete".
16	Have 10 acceleration and deceleration steps.
17	Noise level at max speed should be less than 56 dB(A) for quiet operation in work place .
18	Rotors should be made of metal and must be fully autoclavable at 121°C.
19	Centrifuge lid with soft-touch lid closure, and low opening height for stress-free lid locking,
20	Be ISO, USFDA, European CE, IVD and IEC Certified.
21	Be quoted along with a suitable servo voltage stabilizer.
22	Warranty: Five years standard and five years CMC thereafter should be quoted separately.
23	Specification should be verifiable with technical brochure provided.
24	Power supply: 220-240 V, 50 Hz.
25	Vendor should have a good service and application support back up along with Instruments to provide an effective application related troubleshooting and support. List of Installations and the phone numbers of the users to be provided.

Anupam Rainis

Supriya

[Signature]



**ALL INDIA INSTITUTE OF MEDICAL SCIENCE
PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE**

1. Item/Type Model No. Required along with specification - *Centrifuge Refrigerated model no. 5910 Ri*
2. If the item a spare part attachment or accessory for an existing equipment - *NO*
3. Name of the manufactures/supplier of the item proposed by the indenter. - *Eppendorf*
4. Are they sole manufacture/sold distributors of the item. - *Yes*
5. If there any other item with similar Equivalent specification available in The market to meet the job requirement envisaged. - *N/O*
if the answer is yes, why the same can't be procured. Demanding officer should bring out comparative. Functional advantages/cost effectiveness of the recommended item from these offered by other.
6. What were the efforts made to Located alternative source of supply or use other substitutes. - *The search & article with similar Specification done on internet.*
7. Why open/limited tender can't be resorted to, for locating alternative source. -
8. Are the proprietary items certifying that the rates are reasonable or not. - *Yes*
9. Any other justification for procuring item from single source. - *The machine has Dynamic Compressor Control for optimized Cooling performance. This machine has universal adaptor for plates & conical tubes.*

Anupama Raina
16/12/22
Signature of Indenter
(Demanding Officer)

(COUNTER SIGNED)
(Head of the Department)

Sanjeev Lalwani
17/12/22
Dr. SANJEEV LALWANI, Professor
Division of Forensic Pathology & Molecular DNA Lab
ज. प्र. ना. र. अविद्यालय केन्द्र/J.P.N.A.
अ.भा.आ.सं., राज नगर, नई दिल्ली-110029
A.I.I.M.S., Raj Nagar, New Delhi-110029

डॉ. अनुपमा रैना/Dr. ANUPAMA RAINA
वरिष्ठ वैज्ञानिक/ Senior Scientist
व्यायक्तिक विज्ञान प्रभाग एवं अतिरिक्त डी.एन.ए. प्रयोगशाला
Div. of For. Path. & DNA FP Lab, J.P.N.A. Trauma
जय प्रकाश नारायण चौधरी अविद्यालय केन्द्र, J.P.N.A. Trauma Centre
अ.भा.आ.सं., राज नगर, नई दिल्ली-110029

(Strike out whichever is not applicable)

I certify that the item at Sr. No. 1 above is required to be procured single tender basis as the source of supply is definitely known. The specified brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

To
The Director
All India Institute of Medical Sciences (AIIMS)
Ansari Nagar
110029 New Delhi
India

Hamburg, 07 November 2022

Proprietary Certificate

Dear Sir / Madam,

We, Eppendorf SE, Hamburg, Germany, who are a proven and reputable manufacturer of Laboratory Equipment, having factories in Germany, the United Kingdom and the United States of America, do confirm that the Eppendorf Centrifuge 5910 Ri has the following proprietary features:

- Large 7-inch VisioNize® touch interface for super-fast parameter settings via unique favorites function
- User management with multiple authorization levels and documentation features
- Dynamic compressor control (DCC) technology for optimized cooling performance
- Universal adapter accommodates selective plate formats, bottles and conical tubes
- Load of adjoining buckets can be with a maximum of 1,100 g difference in weight for Rotor S-4xUniversal
- Aerosol-tight QuickLock caps for safe centrifugation of hazardous samples

For the avoidance of doubt, the liability under this declaration is limited to the product itself. To the best of our knowledge, there is no instrument available in the market with identical specifications. Please feel free to check also our specifications on the website or in the manual.

Yours faithfully,
Eppendorf SE

Dr. Andrés Jarrin
Head of Market Support Management APA

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22339 Hamburg
Germany

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Vorstand:
Dr. Peter Fruhstorfer (Co-Vorsitzender)
Eva van Pelt (Co-Vorsitzende)
Axel Jaeger
Dr. Wilhelm Plüster

Vorsitzender des Aufsichtsrats:
Philipp von Loeper

Amtsgericht: Hamburg HRB 171526



Ref: EIPL/AUTH/202302

Date: 02.05.2023

To,
The Director,
All India Institute of Medical Sciences (AIIMS),
Ansari Nagar, New Delhi-110 029

Sub: Authorization

Dear Sir/Madam,

With reference to the above we hereby authorize **M/s FUTURES INDIA PVT. LTD., Building No.-5, F/F, Malviya Nagar (Corner Market), New Delhi - 110017**, to quote for Eppendorf Centrifuges and Deep Freezers in Indian rupees only.

Authorization is valid till **31.12.2023**

We wish to serve your esteem institute with the best of our services. If you need any further information / clarification, please do contact with us.

Thanking You

For Eppendorf India Private Limited,



Tara Chand Patel
Executive Eppendorf Territory Manager
Mobile: 09313637184
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Eppendorf India Private Limited
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