

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

Ref. No. 50/TC/DNA&LM/PAC2022-23

Dated:08.05.2023

Subject: Purchase of Bench Top Automated Horizontal Autoclave-02 nos. for the department of DNA Lab & Lab Medicine on proprietary basis.

A demand received from department of DNA Lab & Lab Medicine at JPNATC, AIIMS for the procurement of **Bench Top Automated Horizontal Autoclave-02 nos.** on proprietary basis. The proposal submitted by M/s Future India Pvt. Ltd. which is authorized distributor of M/s. Tuttnauer 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. **50/TC/DNA&LM/PAC2022-23**. 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.

23/05/2023 8/5/2023

STORES OFFICER (TC)

Encl: Related document enclosed

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

Tender Specifications for Bench Top-Automatic Horizontal Autoclave

1. Bench top, portable, High Speed microprocessor controlled rapid autoclave for use in Laboratory for liquid sterilization, pipette & Glass sterilization, wrapped/ univrapped material etc
2. Autoclave should have fully microprocessor controlled operation of the cycle
3. Autoclave should be bench top design with chamber capacity of 28-30 liters.
4. Autoclave chamber should be made of heavy duty Stainless Steel 316L or better with thick glass wool insulation to keep outer surface temp under control.
5. Door Gasket should be of high grade Silicon material fixed permanently in the door
6. Should have temperature range of 105°C to 137°C and working pressure that meets ASME & PED requirements.
7. Should have built in memory to store upto last minimum 200 cycles.
8. All interrupts & failures should be indicated through Audio-Visual Alarms and thermal print outs.
9. Autoclave should be provided with adequate safety features like safety valves, overload relays & Contractors.
10. Should be provided with ring type water pump to create vacuum for air removal & drying during drying stage
11. Should be provided with 2 PT-100 temperature sensors monitoring as per IEC61010-1 norms.
12. Should have facility to check functionality of each component separately.
13. Provided with USB port for connecting to external memory device
14. Should have facility for indication for filter replacement based on number of cycle used
15. Should have built in steam generator to feed steam to the chamber & to achieve efficient drying.
16. Should have LCD display for easy reading & display should have the facility for graphic display of temperature & pressure.
17. Should be provided with 0.2 micron m biological filter for decontaminating discharged air from the sterilizer.
18. Facility to have upto 25 cycle program (pre programmed & user defined).
19. Real time sterilizing cycle output should be indicated through inbuilt printer through thermal printouts
20. Should have door safety device to prevent any faulty cycle conditions.
21. Chamber should be designed as per ASME standards/ PED directives 97/23EEC & should also comply with ISO 9001:2008 & ISO 13485: 2003 for quality systems for Medical devices.
22. Should confirm to European CE standards WITH FOUR DIGIT MARKING
23. Should have software for remote PC recording, access to graph and tables to generate PDF reports
24. Chamber should be preheated through coil pipes around the chamber
25. Operating Voltage: 230 Volts, 1 Phase, 50 HZ AC
26. Should be provided with operating & service manual.
27. Should be provided heating element, Silicon Rubber Door Gasket
28. Should be provided IQ,OQ,PQ documents at the time of installation

Amrinder Rana

[Signature]
2/11



One additional item required for Microbiology Lab, Lab Medicine, JPNATC.

For Dr. Purna Mathur

[Signature]
Dr. APARNA NINGSOMBAN
Professor
Department of Lab Medicine
JPNATC, Raj Nagar, New Delhi

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

1. Item/Type Model No. Required along with specification *Bench Top Autoclave model 2840EL
28 lbs*
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. *~~Yes~~ Tuttnauer/Futures India Pvt. Ltd.*
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. *NO*
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. *Searched on internet with Simillar Specifications.*
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, reasonable*
9. Any other justification for procuring item from single source. *This machine provide precise pressure & temperature. RPCR Software ensure proper documentation in form of graph.*

Signature of Indenter *Anupama Raina* / **Dr. ANUPUMA RAINA**
(Demanding Officer) *वरिष्ठ वैज्ञानिक / Senior Scientist*
न्यायिक विज्ञान विभाग एवं आण्विक पी.एन.ए. प्रयोगशाला
Div. of For. Path. & DNA FP Lab, J.P.N.A. Trauma
जय प्रकाश नारायण शीर्ष अग्निघात केंद्र / JPNA Trauma Centre
एन.डी.ए. रो. राज नगर नई दिल्ली-20
New Delhi-20

(COUNTER SIGNED)
(Head of the Department)
Sunil Kumar
24/1/23

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.

(Strike out whichever is not applicable)

Upama N
24.01.2023

डॉ. अपरणा निगोमबर / Dr. APARNA NINGOMBAN
सहायक प्राध्यापक / Assistant Professor
प्रयोगशाला विभागाध्यक्ष / Head of Lab Medicine
जय प्रकाश नारायण शीर्ष अग्निघात केंद्र / JPNA Trauma Centre
एन.डी.ए. रो. राज नगर नई दिल्ली-20
New Delhi-20



January 10, 2023

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

Proprietary Certificate

Dear Sir,

We , M/s Tuttnauer Ltd Israel , who are proven and reputable manufacturers of Infection Control Equipments for CSSD Including Steam Sterilizers, Table Top Autoclaves and Allied Equipments having our place of business at

Har Tuv B , Industrial Zone P.O.Box 170 ,
Beit Shemesh 99000, ISRAEL

do hereby confirm that the Tuttnauer Table Top Autoclave 2840EL is Proprietary in nature with following features:

- F0 Software Control
- PID(Proportional Integral Differential) Pressure Control
- Last 200 cycles storage in Built in memory
- R PC R software

The above features are unique with our machine and is proprietary in nature of our company. According to our knowledge , there is no company with the above said features available with the said product.

On the behalf of Tuttnauer Ltd.,

Tuttnauer Ltd. ISRAEL
Your Sterilization & Infection Control Partners
P.O.Box 170, Beit Shemesh 99000
Tel: +972-2-9904606 Fax: +972-2-9904730

Shimshon Tzur

Tuttnauer Ltd.

Har-Tuv B industrial Zone P.O.Box 170, Beit Shemesh 9910101, Israel. Tel: +972 2 9904611, Fax: +972 2 9904730. Info@tuttnauer-hq.com

www.tuttnauer.com



Ref:

Date : 4-May,2023

MANUFACTURER'S AUTHORISATION FORM

To,
The Director
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029, India.

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 2840EL-D Tuttnauer Laboratory Bench Top Autoclave in India
rupees only.

Authorization is valid till 31st December 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
On behalf of Tuttnauer Ltd.

Shimshon (Sam) Zur
RAM – N/SE Asia & India
Tuttnauer Ltd.


TUTTNAUER LTD.
P.O. BOX 170
BEIT SHEMESH 9910101
ISRAEL



