



NATIONAL INSTITUTE OF UNANI MEDICINE

Kottigepalya, Magadi Main Road, Bangalore – 560 091
(An autonomous body under Ministry of Ayush, Govt. of India)
(Accredited to NABH)



GST No. 29AAATN3422D1D5

F.No.115-2/2021-22/Accts/NIUM/ 11819

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Date:27/08/2021.

To,

Subject: Re-Quotation for Supply & Installation of Table Top Steam Sterilizer for Dept. of Jarahat, NIUM : – reg.

Sir,

With reference to the subject mentioned above, quotations are invited from reputed registered dealers for the supply & Installation Table Top Steam Sterilizer as detailed below.

Sl. No	Name of the Items	Specification /Make	Quantity Required.	Amount ()	Total GST Amount ()	Grant Total ()
01	Table Top Steam Sterilizer	TECHNICAL SPECIFICATION of TABLE TOP STEAM STERILIZER i.Capacity: 20 Litres ii. Chamber Size: The sterilizer should have a Rectangular chamber with maximum processing capacity per charge at least 5 S.S. trays of 325 x 185 x 15mm size iii. Quality System Compliance: Sterilizer should comply the quality systems as per ISO 9001:2000, EN ISO 13485:2003, ISO 14001:2004. iv. Quality Standards: Sterilizer should comply the quality standards of Medical Device Directive (MDD), EN 13060, EN 285 v. Quality Assurance: Sterilizer should be CE Certified or other relevant vi. Types of Cycles Process: Table Top Sterilizers should be equipped with B-process, N-process as per latest EN 13060 Proof of declaration of conformity vii. Chamber: Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms. Chamber should have minimum 10 years warranty or should confirm 44-50,000 process minimum Life Chamber should have working pressure 2.2 bar & design pressure upto 3.8 bar.	01 Unit			

Cont. p. No. 02

[P.T.O]

Chamber should have Stress & Fatigue analysis reports for material & construction of the pressure vessel Chamber should be equipped with electrically heated jacket for preheating on standby mode

8. Door Design:Should have horizontal sliding door and the doors should come with silicon elastomeric rubber gasket to withstand temperature upto 140°C & 2560 kg pressure.

9. Air Filter:An disposable air filter should be provided for filtering the atmospheric air before entering inside the chamber. The filter separation efficiency should be higher than 99.998% for particle size less than 0.3µm.

10. Cycle programs:
134°C Wrapped.
121°C Wrapped.
134°C Flash/Rapid open instrument cycle
134°C Textile
134°C Prions
Test programs: Bowie & Dick, Leak Test.

11. Water Storage Tank:Sterilizer should have inbuilt water reservoir with storage capacity up to 5 Litres .The water reservoir should have easy access for cleaning & to avoid bio film.

12. Steam Generator:Sterilizer should have inbuilt steam generator. Any additional feature such as energy storing system for sterilization loads in short time will be preferred.

13. Control Panel:The control system should be microprocessor based PLC system specially designed for Sterilization applications. The control system should have CPU processor with battery back-up, Digital input/output controls, analog measuring inputs & COM ports for printer & PC connectivity.

14. Alarms:Automatic process checking & failure correction should be possible by the control sensor system. The range of alarm should include Temperature & Pressure Failure, Phase time-out, not properly closed, power failure (less than 10 seconds be ignored), continuous self-checking of all the safety devices, low water level etc. All the alarms should be audio-visual.

15. Accessories:The sterilizer unit should include Rack with 5 levels & suitable size instrument trays should be the part of the supply for every

		<p>sterilizer. The Ster ilizer should have water circulation system so that no drain point & fixed water inlets required.</p> <p>16. Electrical Requirement:Fuse of 10 Amp, Voltage: 230V, 50Hz.</p> <p>17. Standards & Norms: The sterilize must comply the following standards, MDD 93/42 EEC, PED97/23EEC, 73/23 EEC, EMC Directive 89/336, Machinery Directives 98/37/EEC,IEC/UL/EN 61010-1, IEC/UL/EN 61010-2-041, ISO 9001:2000 (Quality Systems), ISO 9001:2000 (Quality Systems), ISO 13485:2003 (Quality Systems for Medical Devices), ISO 14001 (Environment Management System), ASME SEC VIII, EN13445</p>			
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Two Bid System:- i.e Technical bid consisting of all technical details & Financial Bids/ quotation indicating items wise price for the items mention in the technical bid.

The Technical bid and the financial bid should be sealed by the bidder in separate covers duly superscribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed. The technical bids are to be opened by the Purchase committee at the first instance and evaluated by a competent committee or authority. At the second stage, financial bids of only the technically acceptable offers should be opened for further evaluation and ranking.

In case Technical & Financial offers in a same cover. The quotation will be treated as CANCELLED. No further correspondence will be entitled.

The competitive rate with above specification by clearly mentioning taxes applicable if any, time required for supplying the items with the terms & conditions, Copy of GST Certificate may kindly be enclosed.

Note: The Firm / Agency's who fulfill the following requirement shall be eligible submit their Technical & Financial Bids.

Wherever required Test Certificate should be sent along with relevant document.


Incomplete bids are liable for rejection. Late / delayed offer will not be considered.

NIUM reserves the right to reject any or all tender without assigning any reason.

The envelope containing quotation should be super scribed as **"Re-Quotation for Supply & Installation of Table Top Steam Sterlizer for Dept. of Jarahat, NIUM"**

The last date for the submission of quotation is: 20 / 09 /2021.

Yours faithfully,


(Suresha)
Accounts Officer

Distribution :

- 1.Prof. S. Shah Alam, HoD, Dept. of Jarahat, NIUM, for information.
- 2.Website in-charge for information and to upload quotation in NIUM- website.
- 3.Concern file.
- 4.Guard file.