



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)



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GST No. 29AAATN3422D1D5

F.No.115-2/2021-22/Accts/NIUM/ /1511

Date. 02/07/2021.

To,

Subject: Re-Quotation for Supply & Installation of O.T. Table & 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 of Instrument / Equipment as detailed below.

Sl. No	Name of the Items	Specification /Make	Quantity Required.	Amount (₹)	Total GST Amount (₹)	Grant Total (₹)
01	O.T Tables	<p>1 Mobile electro-hydraulic universal operation table.</p> <p>2 Functions of the table through electro-hydraulic adjustable via wire controller:</p> <ul style="list-style-type: none">• Height adjustment• Lateral tilts• Trendelenburg• Back Plate adjusting• 0" position one-button activated <p>3 Stable construction of the base with large twin-disk castors for easy motion and maneuvering</p> <p>4 Base cover made of rugged glass fibre reinforced laminate, resistant to impact, breakage and disinfectants, with additional scratchproof enamel finish</p> <p>5 Entire table top frame and column cladding made of CrNi steel</p> <p>6 Safe positioning as all joints and moving parts should be covered</p> <p>7 SFC padding (Special Foam Core) with multilayer construction fixed with Velcro straps on plastic carrier plates, radio translucent, ultrasonically sealed and electrically conductive.</p> <p>8 The table top should be fully free without transverse shadows on the X-</p>	02 No's			

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[P.T.O.]

	<p>ray images.</p> <p>9 Guide rails for X-Ray cassette should be provided under the table top.</p> <p>10 Operating elements: should be with backlit cable connected hand control and override panel on Column.</p> <p>11 Override panel should have a safety feature with dual touch operations.</p> <p>12 Integrated universal interfaces and modular design.</p> <p>13 Locking via foot pedal.</p> <p>14 Electrical specifications should be:</p> <p>a) Special-design, maintenancefree rechargeable batteries with capacity for about a week's use in the operating room.</p> <p>b) Recharging of the batteries and supply of the operating table by means of a mains cord</p> <p>c) Nominal mains voltage 230/240 V AC via a mains cord</p> <p>d) Mains frequency, 50/60 Hz</p> <p>15 Technical specifications should be:</p> <p>a) Total length min: 2140 mm /10%</p> <p>b) Total width min: 540 mm 10%</p> <p>c) Tabletop height adjustment in range min: 600/950 mm</p> <p>d) Motorized Back rest adjustment min: 70°/40°</p> <p>e) Head rest adjustment min: 47 61°</p> <p>f) Both sides lateral tilt adjustment min: / 15°</p> <p>g) Trendelenburg/Rev Trendelenburg position adjustment, /25°</p> <p>h) Manual Leg rest adjustment min: 0/95°</p> <p>i) Leg rests with possibility of abduction by min 180° to be locked using clamps</p> <p>j) Optional table-top Longitudinal Slide min. : 310 mm</p> <p>k) Maximum patient weight: 360 Kgs</p> <p>16 Six section Table-top consists of following sections:</p> <ul style="list-style-type: none">• head rest• back rest divided, into lower back plate and seat plate				
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		<ul style="list-style-type: none">• <i>Extension Plate</i>• Two-part leg rests <p>17 Head rest, leg rests adjustments gas spring supported.</p> <p>18 Head rest and leg rest should be interchangeable (Normal and Reverse patient positioning).</p> <p>19 Should be ISO, CE and UL certified.</p> <p>20 Standard accessories should be:</p> <ul style="list-style-type: none">i) Leg Plates, pair and abductable, 80 mm SFC padding:ii) Arm board (pair) incl. fastening clamp, adjustable via ball-and-socket joint:iii) Head Rest, with at least 80 mm SFC padding:iv) Anesthesia Screen with Clamp:v) Backlighted hand controlvi) Abdominal strap: <p>21 General Accessories:</p> <ul style="list-style-type: none">1) Seat Plate extension: 01 No.2) TUR Drainage set: 01 No.3) Clamp for attaching side supports: 03 No's4) Lateral support: 01 No.5) Back support: 01 No.6) Public Support: 01 No.7) Tunnel Cushion for leg in lateral position: 01 No.8) Lithotomy rods with Clamp: 02 No's. <ul style="list-style-type: none">a) Height w/o padding: 600-950mmb) Width of table top incl. side rail: 590 mmc). Width of table top: 540mmd) Trendelenburg / reverse: 25°/25°e). Lateral tilt left/right: 15°/15°f) Back plate up/down: +70°/-40°g) Leg Plate up/down: 0°/-95°h) Single leg movement: noi) Motorize back plate:			
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		<p>Yes</p> <p>j) Motorized leg plate: no</p> <p>k) Longitudinal shift: 310 mm to head side manual</p> <p>l) Predefined positional: 220°</p> <p>m) Flex: 110°</p> <p>n) Beach Chair: no</p> <p>o) Accessory recognition: no</p> <p>p) Drive system: Electro hydraulic</p> <p>q) Base brake: mechanical</p> <p>r) Auto drive: no</p> <p>s) Padding: SFC</p> <p>t) Operation via: Hand control (cable corded or IR), foot switch, override panel</p> <p>u) Max. overall load: 360 kg</p> <p>v) Max. overall load with full longitudinal shift: 180 kg.</p>				
02	Table Top Steam Sterilizer	<p>TECHNICAL SPECIFICATION of TABLE TOP STEAM STERILIZER</p> <p>i. Capacity: 20 Litres</p> <p>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</p> <p>iii. Quality System Compliance: Sterilizer should comply the quality systems as per ISO 9001:2000, EN ISO 13485:2003, ISO 14001:2004.</p> <p>iv. Quality Standards: Sterilizer should comply the quality standards of Medical Device Directive (MDD), EN 13060, EN 285</p> <p>v. Quality Assurance: Sterilizer should be CE Certified or other relevant</p> <p>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</p> <p>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</p>	01 Unit			

		<p>pressure 2.2 bar & design pressure upto 3.8 bar. 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</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>15. Accessories:The sterilizer unit should include Rack with 5 levels &</p>				
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	<p>suitable size instrument trays should be the part of the supply for every 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.

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.

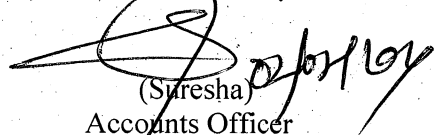
NIUM reserves the right to reject any or all tender without assigning any reason.

The envelope containing quotation should be super scribed as **"Re-Quotation for Supply**

& Installation of O.T. Table & Steam Sterlizer for Dept. of Jarahat, NIUM"

The last date for the submission of quotation is: 30/07/2021.

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.