



**SOCIETY FOR TRIPURA MEDICAL COLLEGE &  
Dr. B R AMBEDKAR MEMORIAL TEACHING HOSPITAL**  
(Registered under Societies Registration Act, 1860 having Registration No.5770 of 2009)

Hapania, West Tripura

No. F.5 (PUR-93)/SFTMC/2015-16(Vol-v)/Anaesthesiology/ 434 Date: 21 August, 2020

**NOTICE INVITING QUOTATION**

Sealed quotation is hereby invited on behalf of the Society for Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania, Agartala from Reputed Agency/ Firm/ Manufacturer / Authorized Dealer / Authorized Distributor for Supply of the 05 (five) nos LED OT Lights (Single Doom), 01 (one) no Anaesthesia Vaporiser, 01 (one) no Anaesthesia Aparatus & 01 (one) no Anaesthesia Ventilator to be used for O.T. of Society for Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania, Agartala. Last date of receiving quotation is upto 3.00 PM on 11<sup>th</sup> September, 2020 by the Purchase Section.

1) Sealed quotation will be opened at 12 Noon on 14<sup>th</sup> September, 2020.

2) Technical Specifications of the items –

A) LED OT Light (Single Doom) –

- Microprocessor control digital display with Remote control System
- Adjustable color temperature : 3800 – 5200 K
- Intensity : 18,00,000 - 2,00,000 Lux X 1
- Spot Diameter : 100 – 150 mm
- Depth Illumination : 10 – 15 cm
- Color Rendering Index : 91 Ra
- LED Life : >50,000 Hrs
- Power Supply : 220V / 50Hz AC
- Special Function : 5 memory Function
- Power : 120 Watt
- Sterilizable handle.

B) Anaesthesia Vaporiser –

- Should be Ergonomically Designed for Sevoflurane Anaesthetic agent
- Should have sturdiness & corrosion resistance
- Should have compact design and durability
- Should be precision engineered for complete accuracy
- Should be maintenance free
- Should be MRI Compatible
- Should be color-coded & have clear agent-level indicators and a tamper proof label for complete security
- Should have Delivery Range from 0 – 10%
- Should have Filling Capacity 250+25ml
- Should have Selectatec Fitting with Screw Fill Filling System

C) Anaesthesia Aparatus –

- Machine should be provided Electrostatically power coated steel frame with antistatic castors having front Brakes. Monitoring Tray at eye-level and stainless steel table top. With foot rest.
- Should have Writing table and 1 drawer
- Should have 2 x O2 and 2 x N2O pin indexed yokes and place to accommodate additionally 2 x 10 Ltr. Cylinders at the back.
- Should have Pipeline connection for O2, N2O
- Should have 2 x 4 bar O2 outlet for driving accessories
- Should have Separate Pressure gauges for each yoke cylinders and individual pipeline inlet pressure

The machine Should have a device to selectively run with pipeline supply when both pipeline & cylinders are connected and kept pressurized. In case of drop in pipeline pressure – the cylinder supply takes over automatically.

- Should have Self actuated Oxygen Failure Warning Device.
- Should have O<sub>2</sub> Flow meter 0.1 to 10 L/Min
- Should have N<sub>2</sub>O Flow meter 0.2 to 12.0 L/Min
- Should have Space for 2 vaporizers.
- Should have NRV cum Blow-off at 200 cm H<sub>2</sub>O.
- Should have O<sub>2</sub> flush 35 – 60 L/Min
- Should have Hypoxic Guard/ORC with minimum 25% O<sub>2</sub>.
- Should have open/close circuit change over switch and 22/15 mm CGO.
- Should have Standard Bains' circuit including breathing Bag and APL Relief valve
- Manufacturer should have ISO 13485 Certification for quality standards.
- Product should be CE approved.

**D) Anaesthesia Ventilator –**

- Should be advanced, microprocessor based
- Should be Time cycled pressure limited electronically controlled anaesthesia ventilator.
- Should be electronically controlled & pneumatically driven.
- Suitable for patients having body weight above 10 kg. Should be provided with adult bellow as standard & paediatric bellow as Optional.
- Should have at least 3.2" Mono-chromatic display.
- Should have separate ventilator On/Off switch.
- The ventilator should have ventilation modes for CMV, Stand By & Manual mode.
- Should have unique inbuilt calculator to guide initial setting of ventilation parameters and inspiratory flow.
- Should have the following specifications:
 

Target Tidal Volume	100 to 1500 ml - Adult 30ml – 250ml – Pediatric (Optional)
Rate (BPM)	1 to 100 bpm
I : E Ratio	4:1 to 1:10
Inspiratory Flow Control	0.1~1 L/sec
Supply pressure	280-700 kPa (45 – 100 psi)
Built-in pressure relief valve	70 cm H <sub>2</sub> O
Low Airway Pressure (Apnea)	3-25cm H <sub>2</sub> O (Adjustable)
High Airway Pressure (Apnea)	15-80cm H <sub>2</sub> O (Adjustable)
Low Supply Gas Pressure	<250 Kpa
Alarm Mute	120 sec except for Low Supply Gas Pressure
Power supply	220 VAC $\pm$ 10%, 50 Hz $\pm$ 2%
- Should have facility for audio visual alarms:  
Mains, Battery in Use, Drive Gas Supply, Low Battery, Low supply gas pressure, P<sub>peak</sub> – Low range alarm, P<sub>peak</sub> – High range alarm
- Should have effective ventilation, extra reassurance. The calibrated ascending below provide immediate visual information on the delivered tidal volume, adequacy of fresh gas flow and system leak if any.
- Should have built in 12V, 1.3 AH rechargeable Lead battery with battery backup of minimum 4 hours.

3. The rate should be typed and quoted in figures and words clearly in Indian currency. The rates should be quoted including excise duties and taxes applicable against each item.

4. Handwriting quotations shall be summarily rejected.

5. Demand Draft on any scheduled Bank having branch in Agartala for an amount of @ 3% of the quoted amount in the name of Society for Tripura Medical College & Dr. BRAM Teaching Hospital, payable at Agartala is to be submitted along with sealed quotation as Earnest Money Deposit (EMD) which will be treated as security deposit in case of successful quotationer and will be released after the warranty period of Instrument / Equipment what so ever is over, unless the same is forfeited and for un-successful quotationers. The same will be released within 15 days.

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6. In case of failure of the successful quotationer to execute supply order(s) within time allowed, the security Deposit will be forfeited in part or in full, depending on the nature of the case.

7. Guaranty / Warranty period: The quotationers must include comprehensive warranty at least for 02 (two) year for the instrument/ equipment as the case may be from the date of completion of satisfactory installation /supply.

Quotationers shall submit rate for 5 years post- warranty comprehensive AMC for the instrument/ equipment. Rate of AMC per year should not be more than 3% of total cost of the machine. Failure to comply with this condition might entail rejection of the quotations. The payment of AMC will be made on bill basis after submission of satisfactory service report duly signed by the in-charge of respective departments. If the AMC payment is required in advance, then the successful quotationer has to submit Bank Guarantee for corresponding value.

8. The supply order must be executed within 30 (Thirty) days from the date of issue of the supply order. A penalty @ 1% on the total value shall be charged for every week or part of week of delay beyond stipulated date of supply. However, Relaxation will be entertained only in special circumstances (Natural Calamities, War or any other situation beyond human control).

9. Price quoted should be on F.O.R door delivery basis at Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania, Agartala, Tripura (w).

10. The successful quotationer has to supply required quantity of appropriate furniture for installation of the instruments/ equipments.

11. The successful quotationer has to provide appropriate and adequate training at its cost for a period of minimum seven days to the concerned Medical Officers and other staff, wherever necessary for operation of instruments/ equipments.

12. No insurance charge shall be payable by the Society and the successful quotationer will be responsible for any breakage / damage and loss in transit.

13. The Society reserves the right to terminate unilaterally the contract or cancel the supply order at any time without any notice within the validity of the rates.

14. In case of quotationers whose rates are accepted, the terms and condition of this notice shall be deemed to be have been duly accepted by him and will be binding agreement and the fact of submission of quotation shall constitute acceptance of all conditions.

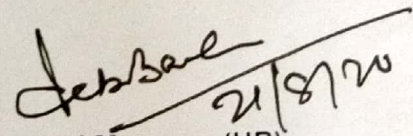
15. Any enhancement of rates within the validity period of contract will not be considered except of imposition of new tax or increase in tax rate by the Government.

16. Payment will be made after successful completion of supply, installation and demonstration. No advance payment will be entertained.

17. In-come Tax /Sale Tax will be deducted from the bill as per guidelines of the Govt. if applicable.

18. Society for Tripura Medical College reserves the right to accept the quotation partly or in full without assigning any reason thereof.

19. A firm may quote rates for all items or any of the items.

  
General Manager (HR)

Society for TMC & Dr. BRAM Teaching Hospital  
Hapania, Agartala, Tripura (west)