



अखिल भारतीय आयुर्विज्ञान संस्थान(छत्तीसगढ़) रायपुर ,  
All India Institute of Medical Sciences, Raipur (Chhattisgarh)  
Tatibandh,  
Raipur-492 099 (CG)

क्रमांक /No. AIIMS/R/CS/T&E/19/059/LPC

दिनांक: 29/11/2019

Notice for inviting Quotation for Blood and Fluid Warmer for Trauma & Emergency Department at AIIMS Raipur.

**कोटेशन सुचना**  
**QUOTATION NOTICE**

Sealed quotations are invited from intending registered Stockiest/ Distributors having GST/ relevant documents for supply of Blood and Fluid Warmer for Trauma & Emergency Department at AIIMS, Raipur should be submitted to Medical College Building, 2nd Floor, Gate no. 05 office of Store Officer up to 3:00 pm on **16<sup>th</sup> December 2019**, item description as per detailed bellow.

स. क्र. S. N.	सामग्री का विवरण Description of Item	मात्रा Qty.	HSN Code	ब्रांड Make/ Brand/ Model	इकाई दर Unit Price in ₹	कर GST in %	कर सहित इकाई दर Unit Price Incl. GST	कुल रकम Total Price in ₹.
1.	<b>Blood and Fluid Warmer</b> विनिर्देश: (Specification): Detail technical specification as per Annexure-I	02 Nos						

**नियम एवं शर्तें:**

**Terms & Condition:**

1. Rate should be mentioned in word and figures both.
2. Taxes/GST, if any (Should be clearly mentioned).
3. Delivery Schedule – within 15 days from the date of issue of PO.
4. No any additional documents related to this NIQ will be entertained after opening of NIQ.
5. Price should be F.O.R. Destination basis (Trauma & Emergency Department).
6. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10% of delayed supply should be deducted.
7. Quotation No/Name and Due date of opening must be written on top of the envelop.
8. 100% payment against received and acceptance of material.
9. No claim will be entertained regarding interest on any payment.

10. Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
11. No payment shall be made for rejected stores. Rejected equipment's must be removed by the supplier within two weeks of the date of issue of rejection advice at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.
12. **Brand and make should be clearly mentioned in offer as well as tender/quotation specific authorization may be submit with the offer/Bid.**
13. GST rate applicable on your quoted item may please be confirmed. HSN code for each item should be clearly mentioned.
14. Please confirm if there any change (Upward/Reduction) in your Basic Price structure. And you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST.  
**"Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices".**
15. The GST registration details may please be furnished.
16. AIIMS Raipur reserves the right to place the order for full or part quantity to one or more items.
17. RTGS detail required for payment purpose.
18. Warranty: 01 Years.
19. No part supply of part payment will be entertained.
20. Validity of offer should not be less than 90 days.
21. Supply, installation and commissioning will be done by firm (if applicable).
22. The quantity shown in above requirement column are totally tentative, it can be increase and decrease at the time of placement of purchase order.

Senior Administrative Officer  
AIIMS, Raipur

**Specification of fluid warmer**

1. It should delivers blood and intravenous fluid to the patient at normothermic temperature at wide range of flow rates from gravity flow rates to 5000 ml/hr
2. It should have dedicated disposable triple lumen tubing that eliminates patients lien cool down of infusate
3. It should have single step programming of warmer
4. It should displays set point of recirculating reservoir
5. It should meets AABB standards for blood warming
6. All the Disposables must be latex free
7. It should have built in safety audio and visual alarms for check disposables. Add recirculating solution and over temperature
8. It should be mounted on IV pole
9. It should have build in over temperature test button and alarm test button
10. The product should be “US-FDA & CE” / BIS and ISO certified
11. Company should have service centre in India
12. Warmer should be IV stand mountable type model

**Technical Specifications:**

<b>Standard Compliance</b>	<b>Guidelines</b>	
Product safety	EN 60601-1, UL 2601-1	
EMC	EN 60601-1-2, FCC 47 CFR Part 15, class B	
Enclosure Protection	IEC 60529 IP Code: IPX1	
Fluid Warmers	ASTM F2172-02	
<b>Physical</b>	<b>Dimensions</b>	
Height, overall	24.1 cm (9.5 inches ) +/- 2%	
Width, overall	21.0 cm (8.3 inches ) +/- 2%	
Depth, overall	17.8 cm (7.0 inches ) +/- 2%	
Weight, Dry	3.5 kg (7.6 lbs) +/- 2%	
Weight, Set (with recirculating solution)	5.0 kg (11.0 lbs) +/- 2%	
Weight, shipping	3.6 kg (7.95lbs) +/- 2%	
Recirculating solution capacity	1.4 L (0.37 gallons)+/- 2%	
Maximum Height on I.V. pole	107 cm (42inches) +/- 2%	
<b>Environmental</b>	<b>Temperature</b>	<b>Humidity (%)</b>
Operation	10°C to 45°C	10 to 95
Transportation	-18°C to 60°C	5 to 90
Storage	-18°C to 60°C	5 to 90
<b>Thermal</b>	<b>Temperature</b>	
Temperature Set Point	41.9°C +/- 0.1 °C	
Over Temperature Set Point	43.1°C	
<b>Electrical</b>	<b>Type</b>	
<b>Mains Power Input:</b>		
230V	230 VAC, 50/60hz, 1.5Amps	
<b>Mains Auxiliary supply power output</b>		
230V		
<b>Electrical</b>	<b>Types</b>	
Protection against electrical shock	Class 1 Equipment, Type BF	
Mode of operation	Continuous	
Type of current	Alternating	
Ingress protection rating	IPX 1	
<b>Performance</b>		
Recirculating solution temperature	Recirculating solution temperature reaches 37°C from ambient in about 4 minutes	
Normotehrmic flow rates	At gravity flow rates to 5000 ml per hours	