



**अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छत्तीसगढ़)**  
**All India Institute of Medical Sciences, Raipur (Chhattisgarh)**

Tatibandh, GE Road, Raipur-492 099 (CG)

[www.aiimsraipur.edu.in](http://www.aiimsraipur.edu.in)

क्रमांक: AIIMS/R/CS/CTVS/19/446/LPC

दिनांक: 12-09-2019

**कोटेशन सूचना**

**QUOTATION NOTICE**

Inviting quotations for purchase of “**Blood & Fluid Warmer**” for Department of Cardiovascular & Thoracic Surgery (CTVS) at AIIMS Raipur.

Sealed quotations are invited from intending registered Stockiest / Distributors having GST and relevant documents for above said. The quotation should be submitted to, Medical College Building, 2<sup>nd</sup> Floor, gate no.-5, AIIMS, Raipur office of the Stores Officer up to **18-09-2019** before **3:00 pm**. The quotations will be opened on the same day at **3.30 pm**. Details of item are given as under:

क्र.स. S. N.	सामग्री का विवरण Description of item(s)	मात्रा / इकाई Qty./ Unit	एच.एस. एन. कोड HSN Code	ब्रांड Make/ Brand/ Model	इकाई दर Unit Price in ₹.	प्रति इकाई जी.एस.टी. GST Per Unit @	कुल रकम Total Amount in ₹.																																														
1.	<p><b>Blood &amp; Fluid Warmer:</b></p> <ol style="list-style-type: none"> <li>It should Deliver blood and intravenous fluid to the patient at normothermic temperature at wide range of flow rates from gravity flow rates to 5000 ml/hr</li> <li>It should have dedicated disposable triple lumen tubing that eliminates patient line cool down of infusate</li> <li>It should have Single step programming of warmer</li> <li>It should Displays set point of recirculating reservoir</li> <li>It should Meets AABB standards for blood warming</li> <li>All the Disposables must be latex free</li> <li>It should have built in safety audio and visual alarms for Check disposables, Add recirculating solution and Over Temperature</li> <li>It should be mounted on IV pole.</li> <li>It should have built in over temperature test button and alarm test button</li> <li>The product should be “US-FDA &amp; CE” / BIS and ISO Certified</li> <li>Company should have Service Centre in India</li> <li>Warmer Should be IV stand mountable type model</li> </ol> <p><b>Technical Specifications:</b></p> <table border="1"> <thead> <tr> <th>Standard Compliance</th> <th>Guidelines</th> </tr> </thead> <tbody> <tr> <td>Product Safety</td> <td>EN 60601-1, UL 2601-1</td> </tr> <tr> <td>EMC</td> <td>EN 60601-1-2, FCC 47 CFR Part 15, Class B</td> </tr> <tr> <td>Enclosure Protection</td> <td>IEC 60529 IP Code: IPX1</td> </tr> <tr> <td>Fluid Warmers</td> <td>ASTM F2172-02</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <th>Physical</th> <th>Dimensions</th> </tr> <tr> <td>Height, Overall</td> <td>24.1 cm (9.5 inches) +/- 2%</td> </tr> <tr> <td>Width, Overall</td> <td>21.0 cm (8.3 inches) +/- 2%</td> </tr> <tr> <td>Depth, Overall</td> <td>17.8 cm (7.0 inches) +/- 2%</td> </tr> <tr> <td>Weight, Dry</td> <td>3.5 Kg (7.6 lbs) +/- 2%</td> </tr> <tr> <td>Weight, Wet (with recirculating solution)</td> <td>5.0 Kg (11.0 lbs) +/- 2%</td> </tr> <tr> <td>Weight, Shipping</td> <td>3.6 Kg (7.95 lbs) +/- 2%</td> </tr> <tr> <td>Recirculating Solution Capacity</td> <td>1.4 L (0.37 gallons) +/- 2%</td> </tr> <tr> <td>Maximum Height on I.V. Pole</td> <td>107 cm (42 inches) +/- 2%</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <th>Environmental</th> <th>Temperature Humidity [%]</th> </tr> <tr> <td>Operation</td> <td>10°C to 45°C 10 to 95</td> </tr> <tr> <td>Transportation</td> <td>-18°C to 60°C 5 to 90</td> </tr> <tr> <td>Storage</td> <td>-18°C to 60°C 5 to 90</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <th>Thermal</th> <th>Temperature</th> </tr> <tr> <td>Temperature Set Point</td> <td>41.9oC ± 0.1oC</td> </tr> </tbody> </table>	Standard Compliance	Guidelines	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			Physical	Dimensions	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, Wet (with recirculating solution)	5.0 Kg (11.0 lbs) +/- 2%	Weight, Shipping	3.6 Kg (7.95 lbs) +/- 2%	Recirculating Solution Capacity	1.4 L (0.37 gallons) +/- 2%	Maximum Height on I.V. Pole	107 cm (42 inches) +/- 2%			Environmental	Temperature Humidity [%]	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			Thermal	Temperature	Temperature Set Point	41.9oC ± 0.1oC	01 No.					
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Over Temperature Set Point	43.1oC						
<b>Electrical</b>	<b>Type</b>						
<b>MAINS Power Input:</b>							
230V	230VAC, 50/60 HZ, 1.5 Amps						
<b>MAINS Auxiliary Supply</b>							
<b>Power Output:</b>							
230V	230VAC, 50/60 HZ, 0.6 Amps						
<b>Electrical</b>	<b>Type</b>						
Protection Against Electrical Shock	Class 1 Equipment, Type BF						
Mode of Operation	Continuous						
Type of Current	Alternating						
Ingress Protection Rating	IPX1						
<b>Performance</b>							
Recirculating Solution Temperature	Recirculating solution temperature reaches 37°C from ambient in about 4 minutes						
Normothermic Flow Rates	At gravity flow rates to 5,000 ml per hour						
<b>Following Accessories Need To Be Supplied Per Unit Of Fluid Warmer:</b> 100 units of Triple Lumen Tubing. <b>Warranty should be 01 year.</b>							

**नियम एवं शर्तें (Terms & Condition):**

1. Rate should be mentioned in words & figure both.
2. Taxes/GST, if any (Kindly mention in above table)
3. Delivery schedule: within 15 days from the date of issue of P.O.
4. No any additional documents related to this NIQ will be entertained after opening of NIQ.
5. Price should be FOR Destination basis (i.e. Department of CTVS, AIIMS Raipur).
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% should be deducted. After expiry of delivery period material cannot be accepted without extension of delivery period.
7. Quotation No/Name and due date of opening must be written on top of envelop.
8. **Brand, Make & Warranty should be clearly mentioned in offer as well as tender/ quotation specific authorization may be submitted with the offer/bid.**
9. GST rates applicable on your quoted item may please be confirmed. **HSN code for each item should be clearly mentioned.**
10. 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”.**
11. The GST registration details may please be furnished.
12. RTGS details required for payment purpose.
13. 100% payment against receipt and acceptance of material.
14. No part supply or part payment will be entertained.
15. Validity of offer should not be less than 90 days.
16. Supply, installation and commissioning will be done by firm (if applicable).
17. The quantity in above column is totally tentative. It can be increase or decrease at the time of placement of order.
18. AIIMS, Raipur reserve the right to place the order for full or part quantity to one or more firms.

भंडार अधिकारी  
अखिल भारतीय आयुर्विज्ञान संस्थान,  
रायपुर (छ.ग.)