

**JIPMER TERTIARY BURN CARE CENTRE (JTBC)
DEPARTMENT OF PLASTIC SURGERY
JIPMER, PUDUCHERRY**

No.JIP/BURNS/ERRC/2015/9

Dated:09.02.2015

To

Sir,

Sub: Supply of Digital Electronic Tourniquet -2Nos - Limited tender- Invited – Regarding

Please quote your lowest rates for supply of the Digital Electronic Tourniquet -2Nos as per the list attached in Annexure-1, subject to the following terms and conditions:

1. Rates should be quoted only for the items which are available in stock and can be supplied immediately on receipt of order.
2. Only 5% CST is applicable
3. No insurance charges are payable as per the rules in the Government. As such, the firms before quoting should take into consideration all the risks in the transit and then furnish Limited Tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
4. Rates should be quoted F.O.R. Pondicherry, Extra packing; forwarding charges etc. should not be quoted.
5. Delivery is required urgently. Tenders should please state the guarantee delivery period they can offer. As delivery date is essential for the contract, this should be strictly adhered to by the successful tenders.
6. No supply which is not according to the specifications and not meeting our requirement will be accepted.
7. The Director shall have the right of rejecting the Limited Tender in whole or part without assigning any reason therefore.
8. In case of high precision instruments the firms should give a guarantee certificate for their satisfactory performance.
9. Limited Tenders should be sent only by Registered Post. Hand Quotations are not accepted.

Please furnish your Limited.Tender in a sealed cover super scribing as:

Limited Tender for EQUIPMENT Digital Electronic Tourniquet

Enquiry No. : No.JIP/BURNS/ERRC/2015/9 Dated 09.02.2015

Due Date: 23.02.2015

Limited Tender should reach this office on or before 23.02.2015.

Limited Tender received after the due date will be summarily rejected.

- NOTE:**
1. Quotation may please be address to:
The Director, JIPMER, Puducherry-6.
 2. The Sealed Cover (quotation) may please be sent directly to:
The Head, Dept. of Plastic Surgery, S.S. Block,
IV Floor, JIPMER, Puducherry-6.

Yours faithfully,

For DIRECTOR

**JIPMER TERTIARY BURN CARE CENTRE (JTBC)
DEPARTMENT OF PLASTIC SURGERY
JIPMER, PUDUCHERRY**

No.JIP/BURNS/ERRC/2015/9

DUE DATE: 23.02.2015

Dated:09.02.2015

NAME OF THE EQUIPMENT: DIGITAL ELECTRONIC TOURNIQUET-2NOS

SPECIFICATION:

Mains Line Voltage Range:

Should be 100–240 V ~ (AC), 50/60 Hz. Auto switching

Line Current: Should be 670 mA RMS @ 120 V ~ (AC)

Input Power: Should be 53 W typical

Battery Type: Should be rechargeable, 12 VDC sealed lead acid, 2.3 A hours

Battery Discharge Time:

The Unit should operate on battery power for 45 minutes minimum with a fully charged battery.

Battery Recharge Time: Should be 24 hours

Unit should be plugged in 24 hours before initial use. In the event of a deep battery discharge that cannot be recovered in the first 24 hours, a second 24 hour charging period may be required. In this event, the unit should be unplugged for 60 seconds and reconnected to AC power prior to starting the second charging session.

Power Cord: Should be Type SJT, AWG 16, 14 ft. (4.27 m)

Power Plug: Should be Hospital grade, 3 prong straight blade, 15 A

Line Protection: Should be 2 times delayed 1.0 A 250 V fuses

CONTROLS:

ON/STANDBY Button: Turns the unit on/sets unit to STANDBY.

Pressure Button: Should be used in conjunction with the ROTARY knob to adjust the pressure set point. Can also be pressed to verify the set point.

Time Button:

Should be used in conjunction with the ROTARY knob to adjust the time alarm set point. Can also be pressed to verify the set point.

Main Cuff Inflate/Deflate Buttons:

Should control inflation or deflation of the Main cuff. Orange LED bar indicates inflation of the main cuff or pressure alarm in the main cuff when flashing in conjunction with the PRESSURE display.

Second Cuff Inflate/Deflate Buttons:

Should control inflation or deflation of the Second cuff. Orange LED indicator bar indicates inflation of the second cuff or pressure alarm in the second cuff when flashing in conjunction with the PRESSURE display.

Alarm Silence Button:

Should allow operator to manually silence most alarms for 30 seconds.

AC MAINS Indicator Light (Green LED):

Should indicate unit is operating on AC Mains. This is the normal means of operation (battery power is only intended for emergency power loss or patient transport).

BATTERY Indicator Light (Orange LED):

Should indicate unit is operating on backup battery. This indicator always flashes.

Cuff Pressure Range: Should be 50-475 mm Hg, 5 mm Hg increments

Pressure Accuracy: Should be ± 5 mm Hg (50–475 mm Hg)

Pressure Regulation: Should be ± 6 mm Hg of set point (10 second average under non-transient conditions without

external leaks)

Maximum Pressure: Should be 475 mm Hg (Normal Operation)

Time Alarm Set Range: Should be 5–240 minutes; 5 minute increments

Timer Accuracy: Should be 0.25 % of elapsed time

Internal Diagnostics: Program, memory, watchdog timer, transducer calibration, improper valve actuation.

SIZE:

Height: Should be 12.50 in. (31.75 cm)

Width: Should be 10.25 in. (26 cm)

Depth: Should be 8.1 in. (20.6 cm) (including clamp and ports)

Weight: Should be 11.2 lbs. (5.1 Kg)

DISPLAYS:

PRESSURE Display:

Should have 14-segment light emitting diodes (LED). Displays pressure setting, sensed cuff pressure, and hardware failure conditions/other messages.

TIME Display:

Should have red 14-segment light emitting diodes (LED) Displays time alarm set point, elapsed time, and hardware failure conditions/other messages.

Should be Digital

Cuffs Detail / size specifications

8 in. (20cm) x 2.75 in. (7cm)

12 in. (30cm) x 3.5 in. (9cm)

18 in. (46cm) x 4 in. (10cm)

24 in. (61cm) x 4 in. (10cm)

30 in. (76cm) x 4 in. (10cm)

34 in. (86cm) x 4 in. (10cm)

42 in. (107cm) x 4 in. (10cm)

Note:

*** Demonstration of the equipment is essential**

*** Warrantee Three Years**

*** AMC for next five years**

***Please quote preferably in Indian Rupees.**

(DR.RAVIKUMAR CHITTORIA)