

## INVITATION FOR QUOTATION

**HSCC/PUR/KCGMC/Low Value/Medical College Items/2017/MC-May (5)**

**Dated: 17<sup>th</sup> May, 2017**

**To**

**All Bidders**

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**Subject:** Invitation for Quotations for supply of Low Value Items for Paediatric Department of Kalpana Chawla Medical College, Karnal, Haryana.

Dear Sirs,

1. HSCC (India) Ltd. for and on behalf of Director General, Medical Education & Research, Panchkula, Govt. of Haryana invites your most competitive quotation for the following goods of the respective Departments are details below:

**Annexure - I (Including name of items, Specification and Quantity)**

- (I) Department of Paediatric.
2. Quotation:
  - 2.1 The contract shall be for the full quantity as described above.
  - 2.2 Corrections, if any, shall be made by crossing out, initialling, dating and rewriting.
  - 2.3 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - 2.4 The unit price/ rate of the item should be clearly indicated in the tender. Rates /Prices quoted shall be Inclusive of all taxes, duties, forwarding, and insurance & transportation up to the destination, Kalpana Chawla Medical College – Karnal.
3. Each bidder shall submit only one quotation.

4. Evaluation of Quotations:

The Purchaser shall evaluate and compare the quotations determined to be substantially responsive i.e. which;

- 4.1 are properly signed; and
- 4.2 confirm to the terms and conditions, and specifications.
- 4.3 final considerations of equipments shall be based on the quality of equipments during demonstration / inspection.

5. The Quotations would be evaluated item wise.

6. Award of contract:

- 6.1 The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest rate for the item subject to quality of the items during demonstration / inspection.
- 6.2 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and cancel the bidding process and reject all quotations at any time prior to the issue of Purchase Order, without assigning any reason.

7. Delivery period shall be within **07** days from date of placement of order.

8. Payment shall be made only in Indian Rupees as follows:

**Satisfactory Acceptance and delivery - 100% of total cost**

100% Payment on submission of following documents (Duly signed & stamped at your end):-

- Copy of Purchase order.
- Consignee receipt in original issued by KCGMC/HSCC
- Invoice in favour of consignee/Director, KCGMC, Karnal through HSCC (I) Ltd
- Warranty Certificate in original.

9. All supplied items shall be under warranty of **12** months from the date of successful acceptance and date of delivery of items.

10. You are requested to provide your offer as follows:

Sr. No.	DESCRIPTION	QTY	Closing date & time for submission & receipt of tender	Date and time of Opening of Techno – Commercial Tenders
A	Equipment for Department of Paediatric		29.05.2017 at 14:00	29.05.2017 at 14:30
1	Paediatric Led Phototherapy	4		
2	Paediatric Radiant Warmer	6		

**NOTE:** (Under any unforeseen circumstances if the due date for submission of Tender is declared as holiday then the tender shall be submitted & opened on the next working day at the scheduled time).

The quotations will be opened in HSCC office, NOIDA as mentioned above in the presence of tenderer or their authorised agents as they may choose to attend.

11. Information brochures/ Product catalogue, if any, must be accompanied with the quotation clearly indicating the model quoted for.
12. Sealed quotation to be submitted/ delivered at the address mentioned below:

**General Manager (Procurement)**  
**HSCC (India) Ltd.**  
**E- 6 (A), Sector -1.**  
**NOIDA – 201 301.**

**THE COVER SHOULD BE SUPERSCRIBED WITH THE FOLLOWING:**

Reference to letter of enquiry.  
Due date of opening.  
Serial No of the Items.

13. Quoted amount should be in Indian Rupees only.
14. For all items, the Technical Evaluation Committee may opt for Demonstration of the items. The Committee may also ask for Demonstration / Inspection before supply / delivery of the items for quality assurance.
15. Insurance shall be arranged/borne by supplier.

**Note:** Please indicate the quotation reference no. (Given at the top of page 1 of this letter) and Serial No of the Items on the top of the envelope.

The details of various medical equipment shall be also made available at [www.hsccltd.co.in](http://www.hsccltd.co.in), and modification/amendments etc, if any, shall only be notified on website only.

We look forward to receiving your quotation and thank you for your interest in this project.

General Manager (Procurement)

## I. DEPARTMENT OF PAEDIATRIC

### 1. TECHNICAL SPECIFICATIONS FOR PAEDIATRIC LED PHOTOTHERAPY-KCGMC

QTY.:04 nos

1. Single surface phototherapy (phototherapy panel) above the baby.
2. Blue light LED with lifetime for a minimum 30,000 phototherapy hours at minimum irradiance of  $30\mu\text{w}/\text{cm}^2/\text{nm}$ .
3. The light should have white LED (minimum 3) for examination purpose.
4. Spectral irradiance of at least  $30\mu\text{w}/\text{cm}^2/\text{nm}$  (minimum) - at distance of 35cm to  $50\mu\text{w}/\text{cm}^2/\text{nm}$  (at 15cm) (as per flux meter).
5. Possible to increase or decrease the irradiance without changing distance.
6. Emissions spectrum- wavelength of blue light should be between 440-470nm with a peak wavelength 450-465 nm, no irradiance in ultra-violet or Infrared ranges. (Certificate from recognized lab to be produced by the company).
7. Effective surface area should be at least 20x40 cm.
8. Light head should be compact to use along with the radiant warmer and should be provided with radiant warmer and should be provided with tilting facility (at least 90 degree) on each side so that it does not come under the radiant warmer.
9. Integrated timers for monitoring therapy hours and lamp usage hours (for present patient and total since starting use post installation).
10. Sturdy mobile stand.
11. Antistatic sturdy castors, at least 2 should have breaks.
12. Height of stand base must be such so as to fit under radiant warmer/ incubators/baby cots.
13. The light should have inbuilt measuring tape for proper height adjustment.
14. Head height adjustable.
15. Electrical: power input 200-240V, 50/60 HZ.

#### 16. Environmental:

Unit should be able to be stored in ambient temperature of 0-50 degree Celsius and relative humidity of 15-90%.

The unit should be capable of operating continuously at temperature of 10-40 degree Celsius and relative humidity of 15-90%

#### Standards; Safety and Training:-

17. Equipment shall be certified to meet electrical safety requirements as per IEC 60601-2-50 Medical electrical equipment part-2-50 particular requirements for the safety of infant phototherapy equipments.
18. Manufacturer should be ISO-9001 and European CE certified for quality standards. (Specially for LED phototherapy also).
19. The company should provide local service facility/provide necessary service when required at end site at minimum notice. The service provider should have the necessary equipments to provide preventive maintenance test as per guidelines provided in the service manual.
20. The company should provide free installation and demonstration/training at the end user site when required and with all requested facilities (**including testing of irradiance by flux meter**) will be mandatory.
21. Coating- epoxy/ powder coated body for scratch and rust prevention and PU (polyurethane) coating for plastic.

22. **Minimum warranty for 5 years post installation date is mandatory.**

23. **Items/Issues covered under warranty/CMC are:**

- a) Prices of consumable / accessories/LED lamps should be quoted separately and should be fixed for period of warranty and CMC.
- b) Company should certify that model is latest and not obsolete and any spares/led lights/fuses and others will be available for 5 years after completion of warranty.
- c) **During warranty company should provide free of cost:**
  - \* Full service including 2 preventive maintenance per year (including flux checking).
  - \* On call technical interventions.
  - \* All spare parts – metallic/electrical/plastic/rubber/glass/LED lamps (blue or white) in case of malfunction.
  - \* LED lamps should be warranted for minimum 30,000 phototherapy hours to provide flux of  $30\mu\text{w}/\text{cm}^2/\text{nm}$  at 35 cm distance.
  - \* Price of LED lamps (blue and white) and any spare required after warranty to be quoted separately.

24. **The company should provide:**

- a) User/technical and maintenance manuals in English and original copy (Not photocopy) to be provided.( one for each phototherapy).
- b) One set of spare fuse per phototherapy.
- c) Certificate of calibration and inspection from factory.
- d) Logbook with instructions for weekly, monthly and quarterly maintenance checklist. The job description of hospital technician and company service engineer to be clearly spelt out.
- e) The company should provide 01 complementary neonatal eye cover per phototherapy .

## 2. TECHNICAL SPECIFICATIONS FOR PAEDIATRIC RADIANT WARMER

QTY.:06 nos

1. The manufacturer should be ISO 9001 and European CE/US FDA certified for quality standards.
2. Electrical: Equipment shall be certified to meet electrical safety requirement as per IEC 60601-1-2: 2001 (or equivalent BIS) General requirements of safety for electro-magnetic compatibility or should comply with 89/366/EEC; EMC- directive.
3. Essential parts:
  - Quartz/ ceramic based warming system with microprocessor based controls, probes, alarms, display.
  - Cart (with 4 wheels) and bassinet fixed with warmer with 3 drawers.
  - Examination light
  - X-Ray cassette holder
  - APGAR timer
  - I.V infusion stand- height adjustable
  - monitor shelf
4. CART and bassinet:
  - Should have wheels with foot operated brakes on two front wheels.
  - **Bassinet:**
    - It should have collapsible and lockable, transparent, thick, acrylic side walls- easily detachable for cleaning.
    - Bed should be tiltable both in trendelenberg and reverse trendelenberg position.
    - **X-ray cassette holder:** Bed should have a provision for X-ray cassette holder. It should be a sliding holder located just below the undersurface of the bassinet preferably with markings to help placement of cassette.
    - **Mattress:**
      - Width- 55-60cm
      - Length 65-75 cm
      - Thickness- 3-5 cm
      - Foam density- minimum 25kg/cm<sup>3</sup>
      - Material: soft and easy to clean, X-ray transparent, fire retardant, allows air to pass through but not water to seep in.
5. **Warming system:**
  - Ceramic/quartz based system
  - Warming head should be rotatable in different directions to allow taking X ray.
  - Full cradle warming with uniform heat over the entire mattress.
  - Microprocessor controlled with soft/feather touch control panel. Control Panel should be liquid proof and allow easy and hygienic disinfection.
  - Self test function performed.
  - Digital display should show the following parameters:
    - a). Set temperature
    - b). Present temperature of baby
    - c). Heater output.

- **Modes:** should have skin (servo), manual and air control modes  
Mode of operation should be clearly displayed.
- LED Display and inbuilt software; Interruption and restoration of the power supply does not change the preset values.
- **Skin (servo) mode:** set point range 32-38<sup>0</sup>Celsius
- **Skin temperature display:** Accuracy:  $\pm 0.2^{\circ}$ Celsius  
Resolution:  $0.1^{\circ}$ Celsius
- **Manual mode:** adjustable in steps from 0-100% in increments of 10%.  
Time programmable

**6. Audio-visual alarms:**

- Audio-visual alarms with a display of text messages about the alarms:
- Probe failure and automatic cut off.
- Heater failure
- High and/or low baby temperature ( $> 0.5^{\circ}$ Celsius temperature difference).
- Power failure
- System failure
- Silence/reset switch.

**7. APGAR Timer:**

Timer with stopwatch facility and reset facility.

**8. Examination light:**

**Illuminance-** At least (minimum) 75 foot candles at mattress center.

Dual examination lamp with dimming facility.

**9. I.V stand** – strong I.V stand (stainless steel) with height adjustable and facility to fix large number of infusion pumps.

**10. Monitor shelves-** At-least one.

**11. Temperature probe-** wire should be easy to clean and long lasting

No temperature probe calibration should be required.

Probe should be made of biocompatible material and not more than 10mm diameter and 4-5 mm thick to fix probe firmly on infant.

**12. Electrical-** 220 $\pm$  20 V AC, 50 HZ.

**13. Environmental:**

-Unit should be able to be stored in ambient temperature of 0-50 degree Celsius and relative humidity of 15-90%.

-The unit should be capable of operating continuously at temperature of 10-45 degree Celsius and relative humidity of 15-90%

**14. The company should provide local service facility/provide necessary service when required at end site at minimum notice. The service provider should have the necessary equipments to provide preventive maintenance test as per guidelines provided in the service manual.**

**15. The company should provide free installation and demonstration/training at the end user site when required and with all requested facilities.**

**16. All metal parts should be Coating- epoxy/ powder coated body for making it scratch and rust free and there should be PU (polyurethane) coating for plastic.**

**17. Items/Issues covered under warranty/CMC are:**

- a) Prices of consumable / accessories / lamps /probes with cables/spares/mattress etc. should be quoted separately and should be fixed for period of warranty and CMC.
- b) Company should certify that model is latest and not obsolete and any spares/ lights/fuses etc. will be available for 7 years after completion of warranty.
- c) **During warranty company should provide free of cost:**  
Full service including 2 preventive maintenance per year plus on call technical interventions.
- d) The rate of consumable accessories should be quoted separately.

18. Essential accessories to be supplied at initial purchase with each equipment (free):

- Reusable temperature probes with cable (full set) - 03 per equipment.
- One spare set of fuse.
- One spare light lamp.

19. The company should provide:

- a) User/technical and maintenance manuals in English and original copy (Not photocopy) to be provided.
- b) Certificate of calibration and inspection from factory.