



## राजस्थान चिकित्सा सेवा निगम

स्वास्थ्य भवन, सी-स्कीम, जयपुर

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No. F-8( )RMSC/EPM/M-2/13-14/NIT-31/13/ 547

Dated: 12-07-13

### CORRIGENDUM

**Subject:** - Amended technical Specifications other conditions of Bid document after Pre-Bid dated 20.06.2013 under No. F-8( )RMSC/EPM/M-2/13-14/NIT-31/13/260  
Dated: 10.06.2013 due on 15.07.2013

**Reference:** - Pre Bid Conference held on 20.06.2013

In Reference to above sited subject and NIT, The Technical Specification of items (Annexure-c) are here by Amended as below.

#### TECHNICAL SPECIFICATIONS OF THE ITEMS

##### Item No. 2 : AMENDED TECHNICAL SPECIFICATIONS OF COLD LIGHT SOURCE WITH OPTICAL FIBER CABLE

|                                      |  |
|--------------------------------------|--|
| Lamp type                            | Xenon Short Arc Lamp   |
| Power                                | 300 Watts  |
| Color temperature                    | 5600 <sup>0</sup> K  |
| Lamp life                            | 500 Hrs or more  |
| Light guide adapter                  | Universal Turret type to fit your choice of :<br>Storz, ACMI, Pentax, Wolf, Olympus, SP Tekno,<br>Nestor SP/DP |
| Brightness control                   | Mechanical iris control from the front panel   |
| Input voltage                        | 220-240 V AC, 50 Hz  |
| Power consumption                    | 450 watt max   |
| Regulatory Approvals                 | UL 60601, EN 60601-1, EN 60601-1-2,  |
| Equipment Class                      | Class I Europe, Class II USA, BF-type  |
| Mode of Operation                    | Continuous operation   |
| Water Resistant                      | Not Protected Equipment, IPX0  |
| Operating Environment<br>Temperature | +10 <sup>0</sup> to 40 <sup>0</sup> C (50 <sup>0</sup> to 104 <sup>0</sup> F)                                  |
| Relative Humidity                    | 30 to 85%  |
| Air Pressure                         | 700 to 1060 hPa  |
| Storage Environment<br>Temperature   | -20 <sup>0</sup> to +60 <sup>0</sup> C (-4 <sup>0</sup> to 140 <sup>0</sup> F)                                 |
| Relative Humidity                    | 0 to 95%   |
| Air Pressure                         | 700 to 1060 hPa  |
| Required Validations                 | Product should be CE marked and from ISO 13485 certified manufacturer.   |

**Terms & Condition:**

1. Equipment should be supplied with Fiber Optic Cable of size 4-4.5 mm and 300 cm in length
2. Two years Guarantee followed by 5 years Comprehensive Maintenance Contract.

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**Item No. 3 : TECHNICAL SPECIFICATIONS OF LED PHOTOTHERAPY UNIT**

1. Lifetime of LED 20,000 to 30,000 hours
2. Spectral Irradiance from 30 to 60  $\mu\text{W}\cdot\text{cm}^{-2}\cdot\text{nm}^{-1}$  at 45 cm distance between bed and light
3. Should have multilevel intensity control from minimum to maximum
4. At the tilted position, the irradiance is 30  $\mu\text{W}\cdot\text{cm}^{-2}\cdot\text{nm}^{-1}$  at 45 cm distance between bed and light
5. Wavelength is 450 – 480 nm, and it's free from UV and IR radiation.
6. Effective surface area - 200 X 400 mm within a irradiance ratio of 0.4 (min/max irradiance)
7. Digital (LCD) Timer for monitoring therapy hours (resettable) & lamp usage hours (non resettable)
8. Have feather touch key pad
9. Cooling Fan/ heat sink is provided to dissipate the heat created by LED's
10. Light head should be compact to use along with the Radiant warmer & provided with tilting facility so that the unit is not coming directly under warmer.
11. Smooth Height adjustment mechanism & seamless height adjustment from minimum to maximum height
12. Minimum height – 1150 mm or less from the floor to use near the mother bed
13. Maximum height – 1500 mm or more from the floor to use with the incubator and Radiant warmer.
14. Coating: Epoxy/powder coated body for scratch and rust prevention and
15. PU (Poly Urethane)/ABS/Fiber coating for plastic
16. Mobility: Three/four castors; two rear castors provided with brakes
17. The base of the unit is such that it will go beneath any Incubator/bed/trolley, with minimum of 100 mm floor clearance
18. Should be supplied with white LED for patient examination
19. The unit should be supplied with reusable eye masks, Quantity: 10
20. The product should be CE marked and the manufacturer should be ISO: 13485 certified ( Certificate to be submitted)
21. The product should have regulatory approval IEC 60601-1(certIFICATE to be submitted)
22. Two years guarantee followed by 5 yrs CMC(Comprehensive maintenance contract)

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### **Item No. 5: Technical Specifications for Fetal Monitor**

1. Continuous monitoring of FHR,
2. Toco and Maternally sensed fetal movements. both manually and automatically detected
3. should have facility of twin monitoring.
4. Graph on Thermal printer with the machine, Only Thermal Paper is required.
5. Display of FHR upto Twins FHR1 &FHR2 & TOCO on 10" or more TFT / LCD display.
6. Presentation in the form of a Graph on a Printer in condensed as well as expanded mode. (1div = 1 min or 3div = 1 min with 20 BPM per division).
7. Uterine contractions alarm. Alarm delay facility, so that alarm is available only if the alarming condition is persistent for preset time. TFT / LCD panel with ON-LINE user friendly alarms and patient data :
8. Actual FHR in BPM.
9. Blinking corresponding to each Beat.
10. UA in % Alarm message display High/ Low FHR limits.
11. Patient ID no. Memory Backup/Graphical or Tabular trend for minimum 24 hours with fast printing facility. Feather touch key operated volume control.
12. In-built/ **Separate** Acoustic Stimulator with a separate marker on the graph for acoustic stimulators.
13. Ultrasound transducer should be multi crystal wide beam pulsed Doppler with frequency of 1MHz.
14. Fetal Heart Rate - measurements Range : 50-220 BPM.
15. Signal Processing : Auto Correlation.
16. External toco transducer which should be a sealed waterproof unit. Guard ring designed to reduce maternal respiration artifact. Measurement Range : 0-100 Units
17. Event Market - Hand held, patient operated as well as front panel operated. Voltage - 230V A.C  $\pm$  10%, 50 Hz.
18. Unit should be designed as per IEC-601 -1 (certificate to be submitted)
19. Unit should be CE marked and from ISO 13485 certified manufacturers (certificate to be submitted) should submit a test report from national or state Govt. approved laboratory.
20. List of spare parts and accessories to be supplied.
21. Should provide following accessories – Transducer belt, Belt buckles, Main cables, interconnecting cables, ultrasound gel bottles(10 No.), wheeled car for movement and storage.
22. **Two Years Guarantee followed by 5 years CMC(Comprehensive Maintenance Contract)**

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**Item No. 7: LARYNGOSCOPE SET, NEONATE**

- Laryngoscope set with neonate blades
- Constituted of large hollow, cylindrical, slightly ribbed handle and a set of depressors in stainless steel
- Handle is made of either chromium-plated or stainless steel and can be opened at an extremity to insert two alkaline batteries (LR14, size C, 1.5 Volts). The other end has a stud contact which fits the various sizes and types of depressors.
- 2 x curved depressors, Macintosh type No. 1, approx 68 mm length with halogen bulb
- 2 x straight depressors, Miller type No. 0, approx 53 mm length with halogen bulb
- Presented in suitable protective plastic box
- Device is produced by ISO 13485 certified manufacturer (Certificate to be submitted)
- Device should be CE marked (Certificate to be submitted)

**Supplied with:**

- 2 x spare halogen bulbs (1 for each depressor)
- User manual with trouble shooting guidance, in English
- Technical manual with maintenance and first line technical intervention instructions, in English
- List of priced accessories
- List of priced spare parts
- List with name and address of technical service providers in India
- One year Guarantee.

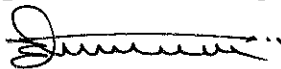
**A. General Terms and Conditions**

**20 (i) Supply Orders:** All the supply orders will be placed to the approved bidder only (not Agents/ Suppliers/Distributors etc.) by RMSCL or any heads of medical institutions (P.M.O., M.S., C.M.&H.O., etc.) through registered post/e-mail/any communication medium. The date of dispatch of letter or communication date will be treated as the date of order for calculating the period of execution of order. The supplying firms will execute all orders within 45 days and 30 days additional will be provided for importers in supply period.

**E-tenders are invited as per following time schedule:-**

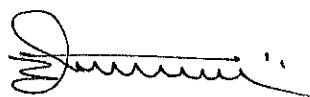
| Last Date for Sale of Bid Form | Last Date of Receipt of Bid Form | Date of Opening of Technical Bid |
|--------------------------------|----------------------------------|----------------------------------|
| 30.07.2013<br>11.00 A.M.       | 30.07.2013<br>Up to 1.00 P.M.    | 30.07.2013<br>From 3.00 P.M.     |

Please note that above all amendments in technical specification/ bid conditions is the integral part of Annexure-C and tender document. This corrigendum shall be signed and annexed with tender document.

  
**Executive Director (EPM)**  
**RMSC, Jaipur**

Copy to:

1. M.D., RISL, Yojna Bhawan, Jaipur.
2. PA to M.D., RMSC, Jaipur.
3. AGM (IT), RMSC, Jaipur.
4. Guard File.

  
**Executive Director (EPM)**  
**RMSC, Jaipur**