OFFICE OF THE MISSION DIRECTOR
National Health Mission, Assam
Saikia Commercial Complex, Srinagar Path, Christian Basti,
G S Road,Guwahati-781005, Assam

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Ref: NRHM/PROC/ HOS-EQP / 2203/2014-15/8923 **Date: 01.09.2014**

CORRIGENDUM NO-2

NOTICE INVITING TENDER FOR BIO MEDICAL EQUIPMENTS & INSTRUMENTS

(NATIONAL COMPETITIVE BIDDING)

This is with reference to tender No. NRHM/PROC/ HOS-EQP / 2203/2014-15/ 8039 Dated 11/08/2014 for supply & installation of Bio Medical Equipments & Instruments. The following amendment in the tender may be taken note of prior to submission of bids:

1. **CLAUSE 1 (LAST DATE FOR RECEIPT OF TENDERS) IS AMENDED TO READ AS FOLLOWS**

   Sealed Tenders in two separate covers {Technical bid (Cover "A") and Price Bid (Cover "B")} will be received up to 20.09-2014 till 2 PM by the Mission Director, National Health Mission, Saikia Commercial Complex, Srinagar Path, Christianbasti, G S Road, Guwahati-781005, Assam.

2. **SUB CLAUSES (I) UNDER CLAUSE 5 (GENERAL CONDITIONS) IS AMENDED TO READ AS FOLLOWS:**

   (I) A bidder may quote for one or all the items.

3. **SUB CLAUSES (A) UNDER CLAUSE 12 (Tender Evaluation) IS AMENDED TO READ AS FOLLOWS:**

   Tenders will be evaluated with reference to technical and commercial parameters to determine the technically qualified bidders.

   Price Bids of technically qualified bidders will be evaluated with reference to the quoted rates (landed price of each item). Conditional discounts shall not be taken into account for price comparison.

4. **<u>Annexure I (Technical Specification cum Compliance Sheet) IS AMENDED TO READ AS FOLLOWS:</u>**

1. Radiant Warmer with Baby Bassinet- Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	A radiant warmer is used to keep the patient's core temperature stable at 37C		
2 Operational Requirements			
2.1	It should be microprocessor controlled radiant warmer with manual and servo options		
3 Technical Specifications			
3.1	• It should have facility to display skin temperature. • It should have audiovisual alarm facility for overheating beyond set temperature range. • It should have alarm facility for patient temperature less than or greater than the required temperature i.e. above or below the set range. • It should rotate and swivel in different direction, so as to allow taking X-ray. • The light should be dazzle free. • It should have alarm for power failure. • It should have alarm for heater failure. • It should have alarm for probe failure. • It should have time out alarm in manual mode. • It should have manual setting for high and low alarm setting. • In servo mode, the heater output should be controlled to maintain the baby at the required set temperature. • In manual mode, the heater output should be directly controlled by a setting on the front panel. • The desired temperature range from 34 to 38 degree C. • Monitoring of skin temperature by means of sensors.		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	• Heating element: Ceramic heater - 650 W (lifelong warranty) mounted in parabolic reflector and protected by metal grid • Heater output: 0 to 100% in increments of 5%. • The height of the warmer should not be adjustable and should be fixed. • Halogen based observation light should be provided for observing the baby. • It should be mounted on a pole with sturdy base with lockable castors. • Should be able to display reports systems errors, sensor failure with message on LCD or LED.		
4 System Configuration Accessories, spares and consumables			
4.1	The system should be supplied with • Baby bassinet with following specification: ➢ Table surface with mattress, head up/down facility, X-Ray cassette holder. ➢ Mattress-padding: foam density approx. 21 - 25 kg/m3 ➢ Mattress cover should be sealed and waterproof. • Side rails for allowing mounting of accessories with SS Height adjustable infusion rod. • Hood suspended above the bassinet should integrate the heating element and the overhead spot light • 1 x spare skin temperature probe (including connection cable) • 1 x spare set of fuses All standard accessories desired for proper functioning of the machine.		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			

Sl	Name	Technical Specs quoted by bidder	Deviation if any
6.1	• Power input to be 220-240 VAC, 50Hz fitted with Indian plug. • Suitable Auto voltage corrector with spike protector should be provided.		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

2. PHOTOTHERAPY UNIT- Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	Phototherapy units are used to treat hyperbilirubinemia, a condition characterized by high bilirubin concentrations in the blood.		
2 Operational Requirements			
2.1	The system should meet all the numerical values given in the technical specifications within a tolerance of +/- 10 %.		
3 Technical Specifications			
3.1	• 18 Watt special blue CFL lights: 4 Nos. • 18 Watt white CFL lights: 2 Nos. • Special mirror coated reflector. • Stand on stable swivel castor wheels. • Adjustable height 130 cm to 170 cm. • Adjustable angle / rotation -180 deg to +180 deg continuous. • Irradiance 18-20 µW/cm2/nm at 35 cm from the lamp. • Time totalizer.		
4 System Configuration Accessories, spares and consumables			
4.1	All standard accessories desired for proper functioning of the machine.		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Power input to be 220-240 VAC, 50Hz fitted with Indian plug.		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product.		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	• Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

3. Nebulizer - Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	Nebulizer is a device used to administer medication to people in forms of a liquid mist to the airways. It is commonly used in treating cystic fibrosis, asthma, and other respiratory diseases		
2 Operational Requirements			
2.1	Heavy duty compact Nebulizer is required.		
3 Technical Specifications			
3.1	• Compact, light weight, low noise • Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use. • Should be able to run uninterruptedly for one hour, Maximum Operating Pressure : 11-15 psig • Nebulizer Nebulization Rate: 3cc H20/8-11 minutes. • Maximum Compressor Pressure: 25 psig by relief valve setting • Should produce particle of size 1-5 micron • Air delivery rate app.15 L/min. • Piston-type electric aspirator that offers high performance and great durability. • Protective thermal cut out relay		
4 System Configuration Accessories, spares and consumables			
4.1	None		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Power input to be 220-240 VAC, 50Hz fitted		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	with Indian plug.		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

4. Pulse Oximeter - Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	A pulse oximeter is a medical device that indirectly measures the amount of oxygen in a patient's blood (as opposed to measuring oxygen saturation directly through a blood sample) and changes in blood volume in the skin, producing a photo plethysmograph		
2 Operational Requirements			
2.1	Suitable for all types of Patient range :Adult, pediatric, infant, and/or neonate		
3 Technical Specifications			
3.1	• Display- Color TFT/ LCD display of size 7" or more; Backlight illuminated. • Parameters and waveform displayed- SpO2, pulse rate, system status, plethysmogram, menus for user settings • SPO2 range- 70-100 % • Accuracy of SPO2- 3% • Pulse rate range should be 30-240 bpm • Audiovisual Alarms- High/low SpO2 and pulse rate, sensor off, sensor failure, low battery • Alarm override facility • Cable length should be minimum 1 meter • Should be able to store & display at least 24 hrs of trends • RS 232C Interface for data communication. • Battery back-up operating time 5 hours.		
4 System Configuration Accessories, spares and consumables			
4.1	SpO2:Adult SpO2 sensor with cable- two nos per monitor and Pediatric SpO2 sensors- one no. per monitor, Neonatal Sensor-01 per monitor		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied • Rechargeable battery operated system. Charger to be provided if integrated charger is not there.		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

5. Syringe Infusion Pump - Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	The Syringe Infusion Pump provides uniform flow of fluid by precisely driving the plunger of a syringe down its barrel. It provides accurate and continuous flow rate for precise delivery of I.V. medication in critical medical care.		
2 Operational Requirements			
2.1	The syringe pump should be programmable, user friendly, safe to use and should have battery backup and comprehensive alarm system.		
3 Technical Specifications			
3.1	• Should have Micro mode and continuous injection mode • Flow rate programmable from 0.1 to 200 ml/hr or more in steps of 0.1 ml/hr and from 100-1200 ml/hr or more in steps of 1 ml/hr with user selectable CAP flow set rate option. • Bolus rate should be programmable to 400 – 500 ml/hr or more with infused volume display. SAVE last Bolus rate even when the AC power is switched OFF. • Display of Drug Name with a provision of memorizing 10~15 names by the operator • Mains cum battery operated with built in battery and charger • Should have battery backup up to 4 Hrs. • Should be compatible with all major Indian and Foreign brand syringes • Should have adjustable bolus facility • Should have 3 level occlusion pressure setting • Should accept syringe size from 10ml to 60ml • Should have anti reverse function to prevent upstream • Should have double CPU to ensure safety and reliability of infusion		
4 System Configuration Accessories, spares and consumables			
4.1	None		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied. • Rechargeable battery operated system. Charger to be provided if integrated charger is not there.		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

6. Oxygen Concentrator - Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	A portable mains electricity (AC-powered) device designed to concentrate oxygen (O2) from ambient air and deliver the concentrated O2, typically through an attached nasal cannula, to a patient requiring oxygen therapy.		
2 Operational Requirements			
2.1	To concentrate oxygen (O2) from ambient air and deliver the concentrated O2, typically through an attached nasal cannula, to a patient requiring oxygen therapy.		
3 Technical Specifications			
3.1	• Flow rate: 0~5 LPM, purity > 93%, • O2 delivery pressure: 0.03 to 0.07 Mpa (4.35 - 10.15 PSI), • Atomising pellet (ml/min.) > 0.5, uninterrupted flow of oxygen, • Low pressure alarm, high pressure alarm and power failure alarm • Unit capable for supplying oxygen to two outlets simultaneously using two independent flow meters • Should be capable of providing minimum 12 hours of continuous operation. • Front panel access to reset switch. • Dimensions (metric): Max spec: 640 mm (H) x 410 mm (W) x 410 mm (D) • Weight (kg): max 30 Kg. • Noise (in db): <50 db • Heat dissipation: Heat dissipated using an internal exhaust, so that a maximum of 36.5 degree C is maintained		
4 System Configuration Accessories, spares and consumables			
4.1	• Humidifier Bottles-4nos, power cord- 1no • Nasal Cannula with extension tubing-2 nos; Gross particle cabinet filter, compressor intake filter and bacterial filter of 0.8-1.0 micron-1 no each.		
5 Environmental factors			
5.1	• Shall meet IEC-60601-1-2: 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	comply with 89/366/EEC; EMC-directive. • The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Power input to be 220-240VAC, 50Hz		
7 Standards, Safety and Training			
	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

7. Electronic Baby Weighing Machine - Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	Required for routine measurements of infant, neonates and premature babies weight.		
2 Operational Requirements			
2.1	Microprocessor based electronic weighing with facility to weight lying down as well as standing babies		
3 Technical Specifications			
3.1	• Weight range 0-20 kg (minimum weight to be weigh 20 gm). • Accuracy +/- 5gms, resolution 5 gms. • Unit should have facility to accurately weighs the hectic / active baby and retain the digital display for 30 sec. even baby is removed from the scale. • Zeroing facility. • Durable HIP molded baby tray, it should be detachable, to weigh standing babies. Baby Tray construction should not allow baby to be injured or slip from the scale. • Large bright display for strain free reading • Display in kg. • Reading time max 5 seconds		
4 System Configuration Accessories, spares and consumables			
4.1	• None		
5 Environmental factors			
5.1	• The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied. • Rechargeable battery operated system. Charger to be provided if integrated charger is not there.		
7 Standards, Safety and Training			

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	• The Scale should be as per BIS specifications. The scale should have ISI mark ie IS: 2489 Or CE/FDA certified. • Should have model approval from Legal Metrology Dept., Govt. of India. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 3 years		
8 Documentation			
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

8. Infantometer- Qnty: 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	Required for routine measurements of infant, neonates and premature babies length- height.		
2 Operational Requirements			
2.1	Portable baby/infant length- height measuring system		
3 Technical Specifications			
3.1	• Measures laying length of neonates and babies • Reads in centimeters and inches • Minimum graduation: 1 mm • Long-lasting hard-wearing ruler/graduation should be fully integrated with device • Measuring slide/wedge glides smoothly and close via ruler, avoiding reading parallax • Measuring slide/wedge wobbles max 2 mm, over full length • No sharp edges or corners • Long stable board, width: 30 cm • Length, measurement range, approx:min100 cm • Head/foot plate, board and slide/wedge should be made of acrylic sheet		
4 System Configuration Accessories, spares and consumables			
4.1	• None		
5 Environmental factors			
5.1	• The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• None		
7 Standards, Safety and Training			
	• Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. • Comprehensive Maintenance for 0 years		
8 Documentation			

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. • Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

9. Bubble CPAP- Qnty – 50 Nos.

Sl	Name	Technical Specs quoted by bidder	Deviation if any
1 Description of Function			
1.1	Continuous Positive Airway Pressure (CPAP) system to treat premature/new born babies with respiratory distress. Non-invasive method of delivering CPAP.		
2 Operational Requirements			
2.1	CPAP generator where PEEP is set by adjustable probe in water column. Pressure oscillations produced by bubbling of exhaled gases in CPAP generator. The device includes heated humidifier, patient circuit, air /oxygen mixing and patient interface consisting of Nasal prongs, nasal tubing and caps of different sizes		
3 Technical Specifications			
3.1	• **NEONATAL DELIVERY SYSTEM** o Maximum input flow – 15 l/mt. o Maximum mean CPAP – 15cm H2o o Humidified chamber –Auto fill mechanism and humidification up to 100% o Warming up of gases o Safety device against excess pressure should be present. o Inlet port, Exit port, C PAP means pressure (3-10 cm H2O) o Bubble water container and volume (500ml) o Single heated breathing circuit with spiral heater coil for uniform heating o Circuit length: Inspiratory limb 1.2m, Expiratory limb 1.1 meter o Compressible volume – Inspiratory limb-150ml, expiratory limb-100ml o Compliance Inspiratory limb – 0.19ml/cm H2O o Exit limb – 0.13ml/cm H2O o Resistance to flow - 0.6cm H2o @ 6 l/mt. • HUMIDIFIER		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	○ Servo controlled heated humidifier with temperature and flow sensor ○ Display for saturated gas temperature. ○ Heater adaptor for providing power to heater coil in patient circuit. ○ Option of monitoring temperature at chamber end and near patient end ○ Alarms indication set up for : Low humidity alarm Heater adaptor faulty/disconnect alarm Temp and flow probe faulty/disconnect alarm Humidification chamber water out alarm Hard fault alarm with display of Error code. • Facility for mixing of medical air and oxygen should be with blender or should be with flow meter. • Medical grade air compressor which can work with a blender or which can work with a flow meter (to be quoted separately) • **SAFETY MECHANISM** Pressure relief valve a) Maximum pressure limits 17 cm of H2O@6-8 lt/mt. b) Inlet connector, outlet connector c) Port for monitoring pressure and oxygen concentration • PATIENT INTERFACE a) Nasal tubing with breathable membrane. b) Nasal prongs (silicon latex free) - low resistance to flow and available in different sizes		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	c) Infant bonnet-Bonnet material made up cotton /nylon bland/latex free in different sizes.		
4 System Configuration Accessories, spares and consumables			
4.1	The following should be supplied • bubble generator - 5nos,patient circuit - 5nos, • Humidifier chamber - 5 nos • Nasal tubing - 5 nos • Nasal prongs of silicon 5 different sizes - total 10 nos • Infant caps of 4 different sizes - total 10 nos • Mobile stand with clamps for mounting humidifier and bubble generator • Servo controlled humidifier • temperature and flow probe • Adaptor for providing power to heater coil in patient tubing • y-connector for Air and oxygen flow meter • Medical grade air compressor		
5 Environmental factors			
5.1	• The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90% • The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%		
6 Power Supply			
6.1	• Power input to be 220-240 VAC, 50Hz fitted with Indian plug.		
7 Standards, Safety and Training			
7.1	• Should be FDA/CE approved product. • Manufacturer should have ISO 9001:2008 certification for quality standards. • Comprehensive training for lab staff and support services till familiarity with the system on site. • Comprehensive warranty for 2 years. Comprehensive Maintenance for 3 years		
8 Documentation			
8.1	• Service manual in English. • Certificate of calibration and inspection • Log book with instructions for daily, weekly,		

Sl	Name	Technical Specs quoted by bidder	Deviation if any
	monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.		

5. **<u>Annexure XIII (Price Bid) IS AMENDED TO READ AS FOLLOWS:</u>**

TENDER NO…….

Sl No	Brief Description of items	Qty Nos	Basic Rate per unit Rs	Tax/VAT per unit Rs	Total (For supply) Rs 6= 3 x(4+5)	CAMC charge (for 3 years)- inclusive of al taxes Rs	Total (For CAMC) Rs 8= 3 x7	Total (Supply+ CAMC) Rs 9=6+8
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1.	Radiant Warmer	50						
2.	Phototherapy Unit	50						
3.	Nebulizer	50						
4.	Pulse Oximeter	50						
5.	Suring Infusion Pimp	50						
6.	Oxygen Concentrator	50						
7.	Electronic baby weighing machine	50						
8.	Infantometer	50						
9.	Bubble CPAP	50						

Grand Total = Rs……

Rs (in words)……..

SIGNATURE :
NAME & DESIGNATION :
DATE :
NAME & ADDRESS OF THE FIRM :