



HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED
Procurement Cell

(A Government of Maharashtra Undertaking)

Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)

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दि: ०३.१२.२०२१ प्रशासकीय मंजूर निधी ८८,८०,०००/-
(२०२१-२२) (Qty.- १११)

No.: 7962 /Haffkine/Procurement Cell/ RT-
4469/ Double Surface Phototherapy Unit / 2023-24.

Date: 17.01.2024

To,

M/s. Phoenix Medical Systems Pvt. Ltd.,

DP-42-Sidco Industrial Estate,

Thirumudivakkam, Chennai-132.

Contact No. 7358194400/9380676614

E-Mail: sales@pmsind.com/ tenders@pmsind.com/

phoenix.sales@pmsind.com

Subject : Supply Order for Tender No. RT-4469/ Double Surface Phototherapy Unit .

Reference: 1. Tender No. RT-4469/HBPCL/PC/ Double Surface Phototherapy /2022-23.

2. शासननिर्णय, क्रमांक- यंत्रख.२०२१/प्र.क्र.२०८/प्रशा.१
दिनांक : ०३ डिसेंबर, २०२१.

3. Sanction of Tender Approval Committee Meeting No. 181
Date : 18.07.2023.

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No.	Name of the item	Specification of item	Quantity/ Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	Double Surface Phototherapy Unit . Make & Model : Brilliance Pro with Brilliance Bottom	As per Annexure X	111	85,000/-	94,35,000/-

Total amount in words: Rupees Ninty Four Lakh Thirty Five Thousand Only.

Factory Location: S55, 5th Cross Street, SIPCOT Industrial Estate, Vengadu Village, Pillaipakkam, Sriperumbudur – 602105.

- 1 **Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 **Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.
- 3 **Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after Satisfactory Pre-Dispatch Inspection.

Risk purchase clause: In the event of a change in the price of the equipment during the period of the order it is the responsibility of the supplier to purchase such materials at the lowest possible price at such price which ordinarily should not be more than 10% of the contract price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai from the Supplier.

- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation and satisfactory commissioning and operation of the machinery.
- 6 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan -** Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **Invoice Copy -** Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.
- 9 **Other Terms**
 - 1) **Warranty:** The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
 - 2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.
- 10 **Contract Agreement:** Bidder should submit Contract Agreement on non-judicial stamp paper of requisite value.

Fall Clause

It is a condition of the contract that all through the currency there of, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

11 Consignee: As per list enclosed


General Manager

Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.

Copy to:

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- 3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.

Copy to Consignee: As Per Consignee List: As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

Copy Submitted to: 1) Secretary, Medical Education & Drug Department, Mantralaya, Mumbai.

1.1	Clinical Purpose	Emit in the narrow band spectrum in the range between 400 nm and 530nm for reducing the concentration of Bilirubin
1.2	Used by clinical department/ward	New born stabilisation unit, SNCU
1.3	Overview of functional requirements	<ul style="list-style-type: none"> a) Provides filtered light using radiant electric lights, not fibre optics. b) Infant supported securely in bassinette below bulbs. c) Monitors hours of radiant light exposure.

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1	Technical characteristics (Specific to this type of device)	<ol style="list-style-type: none"> 1. Phototherapy should be based on LED technology, which after filtering should provide, a light of wavelength approximately 450 to 470 nm with peak wavelength of 450-460nm range. It should have 2 white LED for observation top light unit. 2. Irradiance to be minimum 35µW/cm2/nm at 40 cm height and UV should not exceed 10-4 W/m2 in 180nm to 400nm. 3. Digital Hour meter showing total exposure time for current patient to be clearly visible by operator. 4. Effective light field >700cm2. 5. Lamp life should be minimum 120000 hours for LED and should have timer to indicate its usage. 6. Over temperature safety cut out to be included. 7. Up, down and tilting of head should be possible. 8. The unit should be mounted with castor wheels with brakes. 9. Variation in intensity over 5-6 hours <10% 10. The irradiance ratio (min to max) shall be greater than 40% on mattress. 11. Green indicator light shall be provided to indicate that equipment is ready for normal use. 12. Interruption and a restoration of the power supply do not change preset values. LED heat can be reduced by natural cooling. 13. LED should be protected from free fall. 14. It should not topple on 10 deg inclined angle. 15. The temperature of baby bed and metal surfaces should not exceed 40deg C and 43 deg C for other accessible surfaces. 16. There should be intuitive method to indicate the light surface is at the appropriate treatment distance. 17. Mobile stand with movable castors and height adjustment facility along with easy swivelling of source box. Unit can be use along with Infant Care trolley, Radiant Warmer and Incubator. 18. Bottom unit shall be water proof and leak proof 19. Bassinet Baby tray should be of polycarbonate /
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		<p>Acrylic material</p> <p>a) It should not topple on 30 deg inclined</p> <p>b) Baby bed should withstand upto 10kg weight.</p> <p>c) It should have provision for baby name identification tag/ label.</p> <p>d) Minimum dimensions of bassinet</p> <p>e) Should be provided with biocompatible material mattress 20x30" to be used as single surface phototherapy</p> <p>f) Walls thickness 6 mm at least</p> <p>20. Average irradiant should be same irrespective of the bed angle (Smart tilt technology)</p> <p>21. Machine should have port to connect lux meter to monitor irradiant time to time</p>
2.2	Settings	Up/DOWN adjustment of Over Head unit; The phototherapy unit should be able to provide effective treatment for beds and incubators of varying heights (generally 1.0 to 1.6m). Adjustment of light intensity may be provided.
2.3	User's interface	Manual
2.4	Software and/ or standard of communication	LED Display and inbuilt software
2.5	Warranty	Warranty 2(Two) years
3. PHYSICAL CHARACTERISTICS		
3.1	Dimensions (metric)	Minimum spec: 1650mm Height x 750mm Width x500mm Length <20 kg
3.2	Weight (lbs,kg)	<20 kg
3.3	Configuration	<p>1. Clear cabinet for observation of infant. Infant bassinette to be an integral unit which should be detachable.</p> <p>Unit to provide shielding of infant in the event of bulb breakage.</p> <p>Bulb mount to have angle adjustment of at least 30 degrees. All surfaces to be made of corrosion resistant materials.</p> <p>Light unit tilting facility and height adjustment facility.</p> <p>2. Digital timer for monitoring therapy hours (Resettable) & lamp usages hours (Non resettable)</p> <p>Should occupy only very little bed side space for convenience in observation and procedures</p>
3.4	Noise (in dBA)	<60dBA
3.5	Heat dissipation	The temperature of baby bed and metal surfaces should not exceed 40deg C and 43 deg C for other accessible surfaces.
3.6	Mobility, portability	Minimum 3 castors and at least 2 with brakes
4 ENERGY SOURCE (electricity, UPS, Solar, gas, water, Co2)		
4.1	Voltage (Value, AC or DC, monophasic or triphase)	110 to 270V, 50 Hz, Equipment sensitive to these should be supplied with voltage stabilizer.

	Battery operated	
	Tolerance (to variations shutdowns)	± 10% of input AC
4.4	Protection	Electrical protection by resettable overcurrent breakers or replaceable fuses, fitted in both live and neutral lines
4.5	Power consumption	Should not be more than 44W
4.6	Other energy supplies	Mains cable to be at least 2.5m length
5.ACCESSORIES,SPARE PARTS,CONSUMABLES		
5.1	Accessories & Spares	Complete set of replacement tubes to allow 3 month's continuous operation Two replacement sets of fuses, if replaceable type used
5.2	Spare parts (main ones)	No Spares required
	Consumable/reagents (Open, closed system)	Total 300 nos. Infant eye masks of both available sizes (term and pre term babies)
6.1	Atmosphere/Ambiance (air conditioning, humidity, dust...)	Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.
6.2	User's care, cleaning, Disinfection & sterility issues	Complete unit to be easily cleanable and sterilizable using both alcohol and chlorine agents.
7.1	Certifications	USFDA/CE (European Notified Body)

Consignee Details

M/s. Phoenix Medical Systems Pvt. Ltd.,		
Double Surface Phototherapy Unit .		
Make & Model : Brilliance Pro with Brilliance Bottom		
Delivery Period	06 weeks	
PO Ref. No.	No.: 7962 /Haffkine/Procurement Cell/RT-4469/ Double Surface Phototherapy Unit/ 2023-24.	
	Date: 17.01.2024.	
	दि: ०३.१२.२०२१ प्रशासकीय संजूर निधी ८८,८०,०००/- (२०२१-२२) (Qty.- १११)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	St. George Hospital, Mumbai.	5
2)	Government Medical College & Hospital, Nanded.	7
3)	Government Medical College & Hospital, Solapur.	20
4)	Government Medical College & Hospital, Akola.	5
5)	Government Medical College & Hospital, Aurangabad.	0
6)	Government Medical College, Aurangabad.	03
7)	Government Medical College & Hospital, Gondia.	02
8)	Government Medical College & Hospital, Jalgaon.	05
9)	Government Medical College & Hospital, Miraj.	05
10)	Government Medical College & Hospital, Nagpur.	05
11)	Government Medical College & Hospital, Baramati.	06
12)	Indira Gandhi Government Medical College & Hospital, Nagpur.	05

13)	Government Medical College & Hospital, Kolhapur.	05
14)	Government Medical College & Hospital, Dhule.	00
15)	Government Medical College & Hospital, Yavatmal.	15
16)	Government Medical College & Hospital, Ambajogai.	05
17)	Government Medical College & Hospital, Latur.	03
18)	B. J. Government Medical College & Sasoon Hospital, Pune	10
19)	Government Medical College & Hospital, Chandrapur	05
	Total	111


General Manager

Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.

