

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED****Procurement Cell****(A Government of Maharashtra Undertaking)****Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)**

Phone No: 022- 24129320-23 Managing Director :022-24150628 General Manager (Procurement Cell) :022-24100478	Website : http://www.vaccinehaffkine.com E-mail: procurementcell@vaccinehaffkine.com
प्रशासकीय मान्यता निधी २१,००,०००/- २०१८-१९ राष्ट्रीय आरोग्य अभियान	No.: 5864 /Haffkine /Procurement Cell/E-2513/Repeat Order/Phototherapy Unit/2021-22 Date: 20/12/2021

To,

M/s. AVI Healthcare Pvt. Ltd.,
402/S, Bhagirathi Niwas,
Off MV Road, Andheri East,
Mumbai – 400069.

E-Mail: sales@avihealthcare.com**Subject :** Supply Repeat Order for Tender No. E-2513/Phototherapy Unit

- Reference:**
1. Tender No. E-2513/HBPCL/PC/ Phototherapy Unit/2019-20
 2. Order No. 4968/Haffkine/Procurement Cell/E-2513/ Phototherapy Unit/2021-22
Dt. 06.07.2021
 3. शा.नि.क्र. : प्रशामा-०११९/प्र.क्र.३४/आरोग्य-७ दि. २८ जानेवारी, २०१९
 4. Sanction of Tender Approval Committee Meeting Dated 27.10.2021

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 (DHS)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	Phototherapy Unit Make & Model : Bilipod LED Phototherapy Unit with Detachable trolley and Eyepatches	As per Annexure X	42	40,000/-	16,80,000/-
Total amount in words: Rupees Sixteen Lakh Eighty Thousand Only.					
Factory Location : M/s. AVI Healthcare Pvt. Ltd., 25, Nanddeep Industrial Estate, Kondivita Lane, Andheri East, Mumbai – 400 059. Maharashtra India.					

- 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.

- 4 **Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender 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 **Labelling:** The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed on each unit pack in readable Purple or Green Colours.
- 7 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 8 **Delivery Challan -** Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 9 **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.
- 10 **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.
- 11 **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 thereof, 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.

12

The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs. 25,200/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 50,400/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 2 months after the expiry date of warranty, issued by any Nationalized/Scheduled Bank.

Amount to be deposited to Following Account:

Name of Account	Haffkine Bio-Pharmaceutical Corporation Ltd. (Procurement Cell), CESS Account Mumbai.
Name of the Bank & Branch	Bank of Maharashtra, Branch - Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

Consignee: As per list enclosed

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

Baviskar

(Dr. Vijay P. Baviskar)
General Manager - 1

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: Dean, 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.

Annexure-X

Sr. No.	Technical Specification Phototherapy Unit	
1.1	Clinical Purpose.	Emits in the main radiation spectrum in the range between 400 nm and 550 nm for reducing the concentration of Bilirubin
1.2	Used by clinical department/ward	New born stabilisation unit, SNCU
1.3	Overview of functional requirement	a) Provides filtered 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		
1	Technical characteristics (Specific to this of device)	<ol style="list-style-type: none"> 1. Phototherapy should be based on LED technology, which after filtering should provide a light wavelength approximately 450 to 470 nm with peak wavelength of 450-460nm range. 2. Irradiance to be minimum 35µW/cm²/nm at 40 cm height and UV should not exceed 10-4W/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 >700 cm². 5. Lamp life should be minimum 20000 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 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 10deg inclined angle. 15. The temperature of baby bed and metal surface should not exceed 40deg C and 43deg 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 adjustable facility along with easy swivelling of source box. Unit can be used along with infant care trolley, Radiant Warmer and Incubator.
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 1.0to 1.6m), Adjustment of light intensity may be provided.
2.3	User's interface	Manual
2.4	Software and/or standard of communication (where ever required)	LED Display and inbuilt software
2.5	Others	
3. PHYSICAL CHARACTERISTICS		
3.1	Dimensions (metric)	Minimum spec: 1650mm Height X 750mm Width X 500mm Length
3.2	Weight (lbs, ,kg)	<20 kg
3.3	Configuration	Clear cabinet for observations of infant. Infant bassinette to be an integral unit which should be detachable. Unit to provide shielding of infant in the event of bulb breakage. Bulb mount to have angle adjustment of at least 30 degrees. All surfaces to be made of corrosion resistant materials. Light unit Lifting facility and height adjustment facility.
3.4	Noise (in dBA)	<60dBA
3.5	Heat dissipation	The temperature of baby and metal surface should not exceed 40deg C and 43deg C for other accessible surface.
3.6	Mobility, Portability	Minimum 3 castors and atleast 2 with brakes
4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂...)		
4.1	Power Requirements	220 to 240V, 50 Hz
4.2	Battery Operated	NA
4.3	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 160W
4.6	Other energy supplies	Mains cable to be least 2.5m length
5. ACCESSORIES, SPAREPARTS,CONSUMABLES		
5.1	Accessories (mandatory, standard, optional)	Complete set of replacement tubes to allow 3 months continuous operation Two replacement sets of fuses, if replaceable type used
5.2	Spare parts (main ones)	No spares required
5.3	Consumables/ reagents (open, closed system)	Total 500nos. Infant masks of both available sizes (term and pre term babies)
6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere/Ambiance (air conditioning, humidity, dust...)	Capable of operating continuously in ambient temperature of 10 to 40deg 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 washable and sterilizable using both alcohol and chlorine agents.
7. STANDARDS AND SAFETY		
7.1	Certificates (Pre-market,	Should be European CE from notified body / FDA

	sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international)	approved product. Shall meet IEC-60601-1-2:2007 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility- Requirements and tests (Or Equivalent BIS) Should meet IEC 60601-1:2005 standard requirements Shall meet IEC 60601-2-50:2009 Medical Electrical Equipment – Part 2-50: Particular Requirement for the basic safety and essential performance of infant phototherapy equipment; Manufacturer should be ISO 13485 certified
8. TRAINING AND INSTALLATION		
8.1	Pre-installation requirements: nature, values, quality, tolerance	Supplier to perform installation, safety and operation checks before handover.
8.2	Requirements for sign-off	Certificate of Calibration and inspection from the factory.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operations and basic maintenance shall be provided
8.4	Others	
9. WARRANTY AND MAINTENANCE		
9.1	Warranty	3 years for the machine and 20,000 hours for LEDs
9.2	Maintenance tasks	Maintenance manual detailing complete maintaining schedule
9.3	Service contract clauses, including prices	Local clinical staff to affirm completion of installation
9.4	Others	
10. DOCUMENTATION		
10.1	Operating manuals, service manuals, other manuals	Advanced maintenance tasks required shall be documented User, technical and maintenance manuals to be supplied in English language. List to be provide of equipment and procedures required for local calibration and routine maintenance
10.2	Other accompanying documents	List to be provided of important spares and accessories, with their part numbers and cost. Certificate of calibration and inspection to be provided.
11. NOTES		
11.1	Service Support Contact details (Hierchy Wise; including a toll free/ landline numbers)	Contact details of manufacturer, supplier and local service agent to be provided
11.2	Recommendations or warnings	List to be provided if important spares and accessories, with their part numbers and cost. Certificates of calibration and inspection to be provided.

Consignee Details

M/s. AVI Healthcare Pvt. Ltd.,		
Phototherapy Unit		
Make & Model : Bilipod LED Phototherapy Unit with Detachable trolley and Eyepatches		
Delivery Period	06 weeks	
PO Reference No.	No.: 5864 /Haffkine /Procurement Cell/E-2513/Repeat Order(E-1338)/ Phototherapy Unit/2021-22 Date: 20/12/21	
प्रशासकीय मान्यता निधी २१,००,०००/- २०१८-१९ राष्ट्रीय आरोग्य अभियान		
Name & Address of the Consignee		
Sr. No.	Details of SNCU Name	Qty. (DHS)
1	SDH Manchar, Pune.	08
2	SDH Umerga, Osmanabad.	08
3	SDH Pusad, Yavatmal.	06
4	RH Akkalkuwa, Nandurbar.	08
5	SDH Gokunda.	06
6	DH Dahanu.	06
Total		42

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

Baviskar

(Dr. Vijay P. Baviskar)

General Manager - 1

Haffkine Bio Pharmaceutical Corporation Ltd.

(Procurement Cell), Mumbai.