

**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@haffkinemumbai.com****No.: 6547 /Haffkine/Procurement Cell/E-4183/Radiant Warmer/2021-22.****Date: 17/03/22****दि: ०५.११.२०१९ प्रशासकीय मंजूर निधी ९७.५१५/-  
(लाख) (13 Finance २०१९-२०) (Qty.- 197)****To,****M/s. Phoenix Medical Systems Pvt. Ltd.,****DP-42-Sidco Industrial Estate,****Thirumudivakkam, Chennai-132.****Contact No.: 9380203040.****E-Mail: phoenix.sales@pmsind.com****Subject : Supply Order for Tender No. E-4183/Radiant Warmer.****Reference: 1. Tender No. E-4183/HBPCL/PC/Radiant Warmer/2021-22.****2. शासननिर्णय, क्रमांक - प्रशामा-०२१९/प्र.क्र.१३४/आरोग्य-७****दिनांक : ०५ नोव्हेंबर, २०१९.****3. Sanction of Tender Approval Committee Meeting No. 142****Dated :- 11.02.2022**

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	Radiant Warmer Make: Phoenix Model : NWS 101 with bed	As per Annexure X	197	42,543/-	83,80,971/-

**Total amount in words: Rupees Eighty Three Lakhs Eighty Thousand Nine Hundred Seventy One Only.****Factory Location: S55, 5<sup>th</sup> Cross Street, SIPCOT Industrial Estate, Vengadu Village, Pillaipakkam, Sriperumbudur - 602105.**

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.
- 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 **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 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 1,25,715/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,51,429/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

**Amount to be deposited to Following Account:**

Name of Account	Haffkine B P C L (Procurement Cell), CESS Account
Name of the Bank & Branch	Bank of Maharashtra, Branch- Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

**Consignee:** As per list enclosed

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

  
**Mrs. Sushama Patil**  
**General Manager**  
**(Additional Charge)**

**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.

**Annexure-X**  
**Technical Specification of Radiant Warmer**

	GMDN name	Infant Warmer
	GMDN Code	CT1452
1	Clinical purpose	Infant Radiant Warmer is an electrically powered device with a radiant heating source intended to maintain the thermal balance of an infant by direct radiant of energy in the infrared region of the electromagnetic spectrum.
2	Used by clinical department/ward	Neonatal ICU/SNCU
3	Technical characteristics (specific to this type of device)	<p>1) It should be microcontroller based radiant warmer with manual and servo options.</p> <p>2) It should have facility to display skin set, skin observed temperature in degree C and heat power separately</p> <p>3) Should have user friendly touch panel control.</p> <p>4) It should have ceramic infrared or carload heater.</p> <p>5) It should have audiovisual alarm facility for overheating beyond set temperature range.</p> <p>6) It should have alarm facility for patient temperature less than or greater than the required temperature i.e. above or below the set range. Machine should sense the skin probe failure and cut off the heater.</p> <p>7) Warmer head should be rotatable in different direction, so as to allow taking X-ray.</p> <p>8) It should have alarm for probe failure, power failure, system failure and heater failure.</p> <p>9) Observation light of 90 to 100 foot candles or 1000 Lux (color Temperature range 3700K to 5100K) should be provided failure indication during power fail.</p> <p>10) Battery back up power failure indication during power fail.</p> <p>11) The desired temperature range from 25 to 40 degree C and settable temperature can be from 32 to 38 deg C.</p> <p>12) The resolution should be 0.1 degree C and accuracy should be 0.2°C</p> <p>13) Should have a facility to lock the keyboard to lock the keyboard to avoid unwanted user modification of the set parameters.</p> <p>14) The height of the warmer should be adjustable for different types of Bed</p> <p>15) It should have separate bassinet trolley, bed should be tiltable and Have provision for x-ray cassette holder, Mattress foam density should be minimum 25 kg/cm<sup>3</sup>, transparent collapsible side wall easily detachable for cleaning. Mattress size should be minimum 20 "X30".</p> <p>16) Should have a feather Touch operation with large digital display and comprehensive alarms. Control Panel should be liquid proof and allow easy and hygienic disinfection.</p> <p>17) Manual Mode can adjust Heater Output 10-100% with 10% increment, an auditory and visual alarm shall be given at least every 15 min</p> <p>18) In manual mode, heater cut off/switch off, if the maximum irradiance at any point of the mattress area exceeds a total irradiance level of 10</p>

		<p>mW/cm<sup>2</sup> (between 10 to 30 minutes)</p> <p>19) Bed should be about 80-100 cms from the Floor and 80-90 cms from the heat source.</p> <p>20) Should have lockable castor wheels.</p> <p>21) Green indicator light shall be provided to indicate that warmer is ready for normal use.</p> <p>22) Markings on the bassinet and X-Ray cassette holder is mandatory to enable proper positioning of the baby while doing the X-Ray.</p> <p>23) The size of the drop down sides should be such that it is 5" above the mattress surface and should be at least 6mm thick clear and transparent.</p> <p>24) If there is more than 60% heater output for 10 minutes it should cutoff with alarm</p> <p>25) For the purpose of cable management there should be at least two number of tubing ports (edges covered by silicon rings) on the side walls. The height of the side walls should be minimum 110mm over \ the mattress.</p> <p>26) X-Ray cassette tray should be at least 750X350mm and should adopt up to 20mm thick X-Ray cassette.</p> <p>27) The baby bed should be crevice free for ease of clening, infection control.</p> <p>28) The mattress used should be biocompatible material.</p> <p>29) Thermistor based skin temperature probe should be small in size not more than 10mm diameter and 3-4mm thick to fix the probe firmly on the infant. Baby contact material should be biocompatible as per ISO 10993 standard requirement. It should be insulated on one side and have well conducting, non-rusting, non-reacting, metallic surface on the other side, Probe wire should be pliable, thin and soft. The attachment side of the probe with the wire should also be pliable and non stiff.</p>
4	User's interface	<p>Manual and Servo controlled temperature regulation.</p> <p>1) Should have Manual mode and Baby (Servo) mode setting.</p> <p>2) Mode of operation should be clearly displayed.</p> <p>3) In servo mode by set temperature should be 32 to 38 deg C.</p>
5	Software and/or Standard of Communication (where ever required)	LED Display and inbuilt software; interruption and restoration of the power supply does not change the preset values.
6	Dimensions (metric)	Specifications upto : 2000 mm (Height) X 900 mm (Width) X 1100 mm (Length)
7	Weight (Ibs. kg)	Maximum spec : 150 kg
8	Configuration	At least 60 degree angle adjustment must be possible in the heat source and it should provide shielding to the infant incase of breakage of tubes/bulbs. All surfaces to be made of corrosion resistant material.
9	Noise (in dBA)	Auditory alarm shall have a sound level of at least 65dBA at a distance of 3 m from the front of the infant radiant warmer, and the sound level of the alarm shall not exceed 80 dBA on the mattress.
10	Heat dissipation	Should maintain upto 36.5 deg temp and the heat disbursed through a exhaust fan, so that effect of UV light is not disturbed.
11	Mobility, portability	Yes, on castors (2 of the castors should have breaks;casors size can



		be at least 4 inch).
12	Power requirements	220 to 240V,50 Hz
13	Battery operated	Power failure indication during power fail
14	Tolerance (to variations, shutdowns)	$\pm 10\%$ of input
15	Protection	OVP, earth leakage protection.
16	Power Consumption	Maximum 800 Watt
17	Accessories (mandatory), standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)	Should have standard IV pole (Sturdy; non rusting medical grade stainless steel; adjustable to a max height of 6 feet from the ground level.) Monitor tray (12X10 inches; 270 deg swivel; fixed at level of warmer display) and storage trays Skin temperature probes, Thermal reflector to fix the skin probe on baby. Spare 2 Nos. of the castors having breaks and spare two Nos. without brake castor size can be at least 4 inch
18	Atmosphere/ Ambiance (air conditioning, humidity, dust)	Operating condition: Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances:- an ambient air velocity is less than 0.3 m/s
19	User's care Cleaning Disinfection & Sterility issues	Complete unit to be easily washable and sterilizable using both alcohol and chlorine agent.
20	Certificates (Pre-market, sanitary,...); performance and safety standards (specific to the device type); Local and /or international	Should be FDA/(CE of class IIb) 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) Shall meet IEC 60601-2-21:2009 Medical Electrical Equipment –par 2-21:particular Requirement for the basic safety and essential performance of infant radiant warmers. Should meet IEC 60601-1:2005 standard requirements. Baby contact material should be biocompatible as per ISO 10993 standard requirement. Manufacturer should be ISO 13485 certified.
21	Local and/or international	Manufacturer/ supplier should have ISO certificate for quality standard.
22	Pre-Installation requirements : nature, values, quality, tolerance	Availability of smp /15 Amp. Electrical socket (2 nos.) for each warmer.
23	Requirements for sign-off	Certificates of Calibration and Inspection from the factory.
24	Training of staff (medical, paramedical, technicians)	User training manual required.
25	Warranty	Nickel chrome wire filament and tube of quartz should have a life time or minimum 3 years.
26	Maintenance tasks	Maintenance manual detailing complete maintaining schedule The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee/warranty period should be attached.
27	Service contract clauses, including prices	Warranty of one year with free servicing (min.3) during warranty
28	Operating manuals, service manuals. Other	Should provide 2 sets (hard copy) of :- 1) User, technical, maintenance and service manuals to be supplies

	manuals	along with machine diagrams; 2) List of equipment and procedures required for routine calibration and routine maintenance; 3) Certificate of calibration to be provided by the manufacture,
29	Other accompanying documents	User/Technical/Maintenance manuals to be supplied in English
30	Service support Contact details (Hierarchy wise, including a toll free/ landline number)	Should provide complete contact details of sales and service departments.
31	Recommendations or warnings	Any warning/Precautions to be declared


### Consignee Details

M/s. Phoenix Medical Systems Pvt. Ltd.				
Radiant Warmer				
Make: Phoenix & Model : NWS 101 with bed				
Delivery Period	06 weeks			
PO Ref. No.	No.: 6547 /Haffkine/Procurement Cell/E-4183/ Radiant Warmer/ 2021-22. Date: 17/03/22			
	दि: ०५.११.२०१९ प्रशासकीय मंजूर निधी ९७.५१५/- (लाख) (13 Finance २०१९-२०) (Qty.- 197)			
Sr. No.	Name & Address of the Consignee			Qty.
	District	Block	Facility	
1.	Ahmednagar	NAGAR	DH Nagar	4
2.	Ahmednagar	AKOLE	RH Akole	1
3.	Ahmednagar	KOPARGAON	RH Kopargaon	1
4.	Ahmednagar	NEWASA	RH Nevasa	2
5.	Ahmednagar	RAHATA	RH Rahata	1
6.	Ahmednagar	SANGAMNER	RH Sangamner	1
7.	Ahmednagar	SHEVGAON	RH Shevgaon	1
8.	Ahmednagar	SRIGONDA	RH Shrigonda	1
9.	Ahmednagar	KARJAT	SDH Karjat	1
10.	Ahmednagar	PATHARDI	SDH Pathardi	1
11.	Akola	Akola	WH Hospital Akola	3
12.	Amravati	Amravati	DWH Amravati	3
13.	Amravati	Daryapur	RH Warud	1
14.	Amravati	Achalpur	SDH Achalpur	1
15.	Amravati	Daryapur	SDH Daryapur	3
16.	Amravati	Morshi	SDH Morshi	1
17.	Aurangabad	Paithan	RH Bidkin	2
18.	Aurangabad	Kannad	RH Kannad	2
19.	Aurangabad	Gangapur	SDH Gangapur	1
20.	Aurangabad	Sillod	SDH Sillod	1
21.	Aurangabad	Vaijapur	SDH Vaijapur	1
22.	Beed	Beed	DH Beed	4
23.	Beed	Parali	RH Majalgaon	1
24.	Beed	Georai	SDH Georai	3
25.	Beed	Kaij	SDH Kaij	5
26.	Beed	Parali	SDH Parali	5
27.	Beed	Kaij	WH Neknoor	5

28.	Bhandara	Bhandara	Bhandara DH	2
29.	Bhandara	Pauni	RH Pauni	2
30.	Bhandara	Sakoli	SDH Sakoli	2
31.	Bhandara	Tumsar	SDH Tumsar	1
32.	Buldhana	Buldhana	DH Buldhana	3
33.	Buldhana	Khamgaon	GH Khamgaon	2
34.	Buldhana	Malkapur	SDH Malkapur	2
35.	Buldhana	Shegaon	SDH Shegaon	1
36.	Chandrapur	Chandrapur	DH Chandrapur	1
37.	Dhule	Shirpur	SDH Shirpur	1
38.	Gadchiroli	Armori	RH Dhanora	2
39.	Gondia	Gondia	BGW WH Gondia	2
40.	Gondia	Tirora	SDH tirora	3
41.	Hingoli	Hingoli	DH Hingoli	1
42.	Jalana	Ambad	SDH AMBAD	1
43.	Jalgaon	Jalgaon	DH Jalgaon	2
44.	Jalgaon	Chopda	SDH Chopda	2
45.	Jalgaon	Jamner	SDH Jamner	2
46.	Jalgaon	Muktainagar	SDH Muktai Nagar	2
47.	Kolhapur	Chadagad	Rh Chandgad	1
48.	Kolhapur	Gadhinglaj	Sdh Gadhinglaj	2
49.	Latur	Ahemadpur	RH Ahmadpur	5
50.	Latur	Latur	RH Murud	2
51.	Latur	Nilanga	SDH Nilanga	1
52.	Latur	Udgir	SDH Udgir	1
53.	Nagpur	UMRED	RH Umred	1
54.	Nanded	Biloli	RH Biloli	2
55.	Nanded	Degloor	SDH Degloor	1
56.	Nanded	Kinnwat	SDH Gokunda	1
57.	Nanded	Hadgaon	SDH Hadgaon	1
58.	Nanded	Mukhed	SDH Mukhed	1
59.	Nandurbar	Nandurbar	DH Nandurbar	6
60.	Nandurbar	Nandurbar	RH Dhadgaon	3
61.	Nandurbar	Navapur	RH Maswad	2
62.	Nandurbar	Navapur	RH Navapur	3
63.	Nandurbar	Taloda	RH Taloda	3
64.	Nashik	Malegaon	GH Malegaon	2
65.	Nashik	Chandwad	SDH Chandwad	3
66.	Nashik	Niphad	SDH Niphad	1
67.	Osmanabad	Osmanabad	DH Osmanabad	1
68.	Osmanabad	Paranda	SDH Paranda	2
69.	Osmanabad	Tuljapur	SDH Tuljapur	2
70.	Palghar	Dahanu	SDH Dahanu	1
71.	Parbhani	Gangakhed	SDH Gangakhed	2
72.	Pune	Ambegaon	RH Ghodegaon	1
73.	Pune	Bhor	SDH Bhor	1
74.	Pune	Daund	SDH Daund	3
75.	Pune	Indapur	SDH Indapur	1
76.	Pune	Ambegaon	SDH Manchar	2
77.	Raigad	Alibag	DH Alibag	2
78.	Raigad	Mahad	RH Mahad	1
79.	Raigad	Mangaon	SDH Mangaon	1



80.	Raigad	Alibag	SDH Pen	1
81.	Ratnagiri	RATNAGIRI	DH Ratnagiri	1
82.	Ratnagiri	DAPOLI	SDH Dapoli	2
83.	Ratnagiri	CHIPLUN	SDH Kamthi	1
84.	Sangali	Walwa	SDH Islampur	1
85.	Sangali	K.Mhankal	SDH Kavthemahakal	1
86.	Satara	Satara	DH Satara	2
87.	Satara	Man	GH Gondawale	2
88.	Satara	Jawali	GH Somardi	2
89.	Satara	Khatav	GH Waduj	2
90.	Satara	Wai	RH Wai	2
91.	Satara	Karad	SDH Karad	2
92.	Satara	Phaltan	SDH Phaltan	2
93.	Sindhudurg	kankavli	SDH Kankawli	2
94.	Sindhudurg	sawantwadi	SDH Sawantwadi	2
95.	Solapur	Barshi	RH Barshi	1
96.	Solapur	Akluj	SDH Akluj	1
97.	Solapur	Pandharpur	SDH Karmala	1
98.	Solapur	Pandharpur	SDH Pandharpur	2
99.	Thane	Kalyan	GH Ulhasnagar	3
100.	Thane	Ambernath	DH Thane	1
101.	Thane	Bhiwandi	SDH Bhivandi	3
102.	Wardha	WARDHA	DH wardha	1
103.	Wardha	ARVI	SDH Arvi	1
104.	Wardha	HINGANGHAT	SDH hinganghat	2
105.	Washim	Washim	DH Washim	1
106.	Yavatmal	Darwha	SDH DARWHA	1
107.	Yavatmal	Pkawada	SDH PANDHARKAWADA	1
108.	Yavatmal	Pusad	SDH PUSAD	1
<b>Total</b>				<b>197</b>

  
**Mrs. Sushama Patil**  
**General Manager**  
**(Additional Charge)**  
**Haffkine Bio Pharmaceutical Corporation Ltd.**  
**(Procurement Cell), Mumbai.**