**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 No.: 6970 /Haffkine/Procurement Cell/E-4186/ Neonatal Ventilator/ 2022-23. Date: 12/07/22
दि: ०६.०६.२०१७ प्रशासकीय मंजूर निघी २,५९,३१,८०८/- (13th Finance २०१७-१८)	

To,**M/s. Schiller Healthcare India Pvt. Ltd.,**Advance House, 2nd flr, Makwana Road,

Off. Andheri Kurla Road, Marol Naka,

Andheri (E), Mumbai 59.

Con. No. 9323737484.

E-Mail: bhavin@schillerindia.com**Subject : Supply Order for Tender No. E-4186/Neonatal Ventilator.****Reference: 1. Tender No. E-4186/HBPCL/PC/Neonatal Ventilator/2021-22.****2. शासननिर्णय, क्रमांक - प्रशामा-२०१७/प्र.क्र.२३१/आरोग्य-७**
दिनांक : ०६ जुन, २०२२.**3. Sanction of Tender Approval Committee Meeting No. 143**
Date : 18.02.2022.

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	Neonatal Ventilator Make: M/s. Tecme S.A Model : GRAPHNET Advance	As per Annexure X	19	13,64,832/-	2,59,31,808/-
Total amount in words: Rupees Two Crore Fifty Nine Lakhs Thirty One Thousand Eight Hundred Eight Only.					
Factory Location: No. Av. Cicunvalacion (N-O) Agustin Tosco 3040-X5008HJY-Cordoba-Argentina.					

- 1 Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 Delivery Period:** 12 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 **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 a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) 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.


- 11 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 3,88,977/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 7,77,954/-** 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

भा. चक्रवर्ती संस्कृत संस्था मान्यते व प्रतिता


Mrs. Sushama Patil
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.

Annexure-X

Technical Specification of Neonatal Ventilator		
Intensive care ventilator (Neonatal & Paediatrics)		
Version no :	20	
Date :	JULY 2014	
Done by (name/institution)	HCT/NHSRC	
NAME AND CODING		
GMDN name	Intensive care ventilator	
GMDN code (s)	CT2175	
GENERAL		
1	USE	
1.1	Clinical Purpose	To provide automated, alveolar ventilator support for patients in emergency situations.
1.2	Used by clinical department /ward	Emergency/ Critical care (NICU/PICU)
TECHNICAL		
2	TECHNICAL CHARACTERISTICS	
2.1	Technical characteristics (specific to this type of device)	<p>1) Should have facility for invasive and non- invasive ventilation; Both Turbine and Compressor based are acceptable. If a compressor control based Ventilator is quoted the suitable compressor should be provided with the Ventilator.</p> <p>2)Microprocessor control suitable for neonatal and paediatric ventilation;</p> <p>3)Should have modes of ventilation equipped with newer modes of ventilation;</p> <p>3.1) Assist/Control</p> <p>3.2) Volume control</p> <p>3.3) Pressure control 3.4)Pressure support</p> <p>3.5)SIMV with pressure support (Pressure and volume control)</p> <p>3.6)PEEP</p> <p>3.7) Inverse ratio ventilation or APRV</p> <p>3.8)Non-invasive ventilation- BIPAP, CPAP / Nasal CPAP.</p> <p>3.9)Apnea ventilation, user selectable, volume and pressure control;</p> <p>3.10) PRVC</p> <p>3.11) MMV +PSV</p> <p>3.12) PSV+VT.</p> <p>4)Should have built in colour screen TFT/LCD display of minimum 10” for display of waveforms and monitored value;</p> <p>5) Should have inbuilt facility to upgrade with EtCO2</p> <p>6) Should have facility to measure and display of the following parameters;</p> <p>6.1)Airway pressure (Peak and mean) 6.2)Tidal volume (inspired & expired) 6.3)Minute volume (inspire & expired) 6.4)Respiratory Mechanics 6.5)Spontaneous minute volume 6.6)Total frequency</p> <p>6.7)FiO2 dynamic</p> <p>6.8)Intrinsic PEEP</p> <p>6.9)Plateau pressure 6.10)Respiratory mechanics</p> <p>6.11) Use selector Alarms for all measured & monitored</p>

		<p>parameters</p> <p>6.12) Occlusion pressure 6.13) Pressure flow & volume curves;</p> <p>7) Automatic compliance and leakage compensation for circuits and ET tubes;</p> <p>8) Should have facility of log book, for events and alarms with date and time;</p> <p>9) Should have following setting;</p> <p>9.1) Tidal volume (minimum 2ml, Maximum up to 500ml); pre-set range for both neo-natal & pediatric modes to be provided</p> <p>9.2) Inspiratory pressure (upto 80cm of H₂O); 9.3) Respiratory rate 1 to 150 bpm;</p> <p>9.4) Apnea backup rate; 9.5) CPAP/PEEP;</p> <p>9.6) Pressure support;</p> <p>9.7) FiO₂ setting range between 21% and 100% 9.8) Pause time;</p> <p>9.9) Pressure and flow trigger ;</p> <p>9.10) Inspiratory flow up to 120Lpm and it should have proximal flow sensor.</p> <p>10) Oxygen cylinder /central pipeline connector/(to be supplied along with machines) should be compatible with ventilator;</p> <p>11) Servo controlled humidifier</p>
2.3	User's interface	Manual and automatic
2.4	Software and/or standard of communication (wherever required)	<p>1) Inbuilt software;</p> <p>2) Convenient and quick USB interface;</p> <p>3) HDMI</p> <p>4) RS232</p>
PHYSICAL CHARACTERISTICS		
3.1	Dimensions(metric)	NA
3.2	Weight (Ibs, kg)	<50kg including trolley
3.3	Configuration	1) Compatible hinged arm for holding the circuit; 2) Should have caster with braking system;
3.4	Noise(in dBA), heat dissipation	<p>1) Noise of device operation max-50dbA;</p> <p>2) Should have audio visual alarm for battery low, source gas low and high/low pressure in the breathing circuit or source gas inlet;</p> <p>3) Should maintain nominal temp of the control unit and the heat should be disburshed through an cooling mechanism;</p> <p>4) Alarm volume-min 65dB</p>
3.5	Mobility, portability	Yes
4	ENERGY SOURCE (electricity, UPS solar, gas, water, CO₂.....)	
4.1	Power requirements	Input voltage 220 VAC ,50Hz;
4.2	Battery operated	<p>1) Battery powered, silenceable alarm for power failure.</p> <p>2) Battery charger to be integral to mains power supply, and to charge battery during mains power operation of units.</p> <p>3) internal, replaceable, rechargeable battery allows operation for battery at least one hour in the event of power failure</p>
4.3	Tolerance(to variations, shutdowns)	Voltage corrector/stabilizer to allow operation at \pm 10% of 220V AC. Use of SMPS to correct voltage


4.4	Protection	1)Electrical protection resettable over current breakers or replaceable fuses(fitted in both live and neutral lines); 2)Leakage
4.5	Power consumption	To be declared by the supplier
5	ACCESSORIES, SPARE PARTS, CONSUMABLES	
5.1	Accessories & Spares	1)Full face mask-5 Nos each of 0.1 and 3 2)Nasal cannulae for neonates -5 nos. 3)Reusable breathing circuit of silicone material (5Nos) 4)Air & oxygen hose-1 each
5.2	Consumables / reagents (open, closed system)	1)Should provide 1 no spare internal battery; 2) Leakage adapter
6	ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS	
6.1	Atmosphere/ ambience (air conditioning, humidity, dust....)	1)Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances 2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%
6.2	User's care, cleaning , Disinfection & Sterility issues	Complete unit to be easily washable and sterilizable using alcohol and other chemical agents.
7	STANDARD AND SAFETY	
7.1	Certifications	1)FDA (US) /CE (EU) from authorized third party and BIS/ISO 13485
7.2	Local and/or international	Manufacture/ supplier should have ISO certificate for quality standard
8	TRAINING AND INSTALLATION	
8.1	Pre installation requirements: nature, values, quality, tolerance	1)Availability of 5 amp/15 amp, electrical sockets; 2)Oxygen supply 3)Medical air supply; 4) If a compressor based Ventilator is quoted the suitable compressor should be provided with the Ventilator.
8.2	Requirements for sign-off	1)Supplier to perform installation , safety and operation checks before handover, 2)Advanced maintenance tasks required shall be documented
9	WARRANTY AND AMINTAINANCE	
9.1	Maintenance task	1)Maintenance manual detailing; 2)Complete maintenance schedule;
9.2	Service contract clauses, including prices	1)The spare, accessories & consumables price list required for maintenance and repairs in future after guarantee/warranty period should be attached 2)Free servicing during warranty period
DOCUMENTATION		
10.1	Operating manuals, service manuals, other manuals	Should provide 2 sets (hardcopy) of :- 1) User , technical, maintenance, and service manuals to be supplied along with machines diagrams. 2)List of equipment's and procedure required for routine calibration and routine maintenance 3)Certification of calibration to be provided by the manufacturer
10.2	Other accompanying documents	List to be provided of important spares and accessories with their part numbers and cost.

11	NOTES	
11.1	Service support contact details (Hierarchy wise, including a toll free/landline number)	1) Contact details of manufacturer, supplier and local service agent to be provided 2) Any contract (AMC/CMC/add-hoc) to be declared by the manufacturer
11.2	Recommendations or warnings	Any warning signs would be adequately displayed

Consignee Details

M/s. Schiller Healthcare India Pvt. Ltd.		
Neonatal Ventilator		
Make: M/s. Tecme S.A & Model : GRAPHNET Advance		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6970 /Haffkine/Procurement Cell/E-4186/ Neonatal Ventilator/2022-23. Date: 12/07/22	
	दि: ०६.०६.२०१७ प्रशासकीय मंजूर निधी २,५९,३१,८०८/- (13 th Finance २०१७-१८)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Woman Hospital, Gadchiroli.	01
2)	Woman Hospital, Amaravati.	02
3)	Woman Hospital, Akola.	02
4)	District Hospital, Buldhana.	02
5)	Woman Hospital, Jalna.	01
6)	Woman Hospital, Parbhani.	02
7)	Government Medical College, Miraj.	01
8)	PVPGH, Sangali.	03
9)	District Hospital, Nashik.	02
10)	District Hospital, Nandurbar.	02
11)	District Hospital, Pune.	01
	Total	19

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता


Mrs. Sushama Patil
General Manager

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