

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.: 6957 /Haffkine/Procurement Cell/E-2523/ High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories/ 2022-23. Date: 12-07-22
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दि: १३.०८.२०१९ प्रशासकीय मंजूर निधी ५५,००,०००/-
(जिल्हा खनिज प्रतिष्ठान २०१९-२०) (Qty.- 01)

To,
M/s. Biotronics Equipments Pvt. Ltd. ,
504, Reena Complex, Ramdev Nagar,
Opp. Nathani Steel, Vidyavihar (W), Mumbai - 400086.
Contact No.: 9870593353.
E-Mail: info@biotronicsindia.com

Subject : Supply Order for Tender No. E-2523/High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories.

Reference: 1. Tender No. E-2523/HBPCL/PC/High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories/ 2020-21.

2. शासननिर्णय, क्रमांक - जीएमएन-२०१९/प्र.क्र.१८८/प्रशा-१
दिनांक : १३ ऑगस्ट, २०१९.

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 (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories Make : M/s. Pentax Medical Model : Epk3000M, EB19J10	As per Annexure X	01	57,00,800/-	57,00,800/-

Total amount in words: Rupees Fifty Seven Lakhs Eight Hundred Only.

Factory Location: M/s. Pentax Medical, 30-2 Okada, Aza-Shimomiyano, Tsukidate Kurihara-shi, Miyagi, 987-2203 Japan.

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. 85,512/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 1,71,024/-** 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 संचालन यांच्या माध्यमेने व करिता



Dr. Sadanand Bhise
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: Dean, Government Medical College & Hospital, Nagpur.: 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 Specifications of High Definition Adult Video Bronchoscope With Video System Center With High Light Source With Accessories
A	HD Video Processor with built in Xenon light source (150 watt or more)
1.	It should be compact, lightweight Digital color video processor
2.	It should have single CCD color system
3.	Should have Touch screen feature on processor which can be used as screen
4.	It should have xenon short arc lamp of 150W or more with 3W LED as auxiliary lamp
5.	It should have HD image output such as DVI-D, RGBS connectors, Y/C Connectors and Composite video connector as video Out.
6.	It should have facility for USB port on front and rear panel
7.	It should have following Power requirements for operation Voltage – 230V Frequency 50/60 Hz
8.	Weight of processor with light source should not exceed 13 Kgs.
9.	Chromo endoscope features (I Scan, NBI, FIce)
10.	It should have a freeze scan to temporarily select the best image
11.	It should be able to view far off image with better brightness
12.	It should have facility of extra illumination for more light apart from normal brightness control
13.	Panel button should be feather touch
14.	Processor with in-built light source will be preferred.
B*	Specification of HD video Bronchoscope
	Field of View (°) - 120° or more
	Depth of Field (mm) – 3~100
	Tip Deflection Up-Down (°) – UP 180 / Down 130
	Rigid Distal Width (mm) – Ø6.1 or less
	Insertion Tube Width (mm) – Ø6.4 or less
	Minimum instrument Channel Width*(mm) – Ø2.8 or more
	Working Length (mm) – 600 or more
	Total length (mm) – 860 or more
	Scope should be
	High Frequency treatment should be possible
	Scope PVE Connector should be rotatable by 180 degree
	Two to Three Remote switches should be available on control body
	Biopsy Port should be below control Body
	Video Bronchoscope should be CE/FDA approved
D	24" OR MORE MEDICAL GRADE MONITOR
	24" Colour HD Medical grade monitor with DVI-D, RGB & S-VHS video in/out facility
E	Leakage Tester should be provided.
F	Mobile Trolley with Castor to be provided
G	Endoscopy software
H	Computer
I	Acc.

Reusable Biopsy forcep : 20
Reusable Biopsy forcep with spike: 20
Reusable crocodile forcep: 20
Reusable triprong forcep: 10
Reusable Dornia Basket: 5
Cytology brush: 100
TBNA Needle: 25
It should be supplied with
Motorized Bed with allied equipments such as advance Multipara meter monitor, ECG system, Syringe Pump, Suction machine
ECG Machine :
Simultaneous 3 Channel ECG recording with 12 lead simultaneous acquisition with auto summary
Built-in ECG Parameters measurement and interpretation
Wide screen LCD display of Patient demographics and real time ECG data option
Light weight design for portability – only 2.5 kg
Power line safe design, can be used both on power line as well as battery
Digital filtering to remove interference from power line, muscle tremor etc, with automatic base line correction
Transfer of data to PC through Ethernet port
USB Storage
Suction Machine:
Power supply: 230-240 V/50Hz
-Vacuum capacity: 18 liters/min
-Maximum depression:- 75kPa (-563mmHg)
Vacuum is created by a plastic piston and cylinder system, with four vacuum-creating modules.
The membrane vacuum regulator permits accurate vacuum settings.
Double overflow-protection system (bottle and pump)
Working temperature range: +5 to +40°C
OT Light system should comprise of principal dome & satellite dome
The domes should have single colour LED chips blended together to create natural light so as to prevent casting of colour shadows
Maximum light intensity at 1 metre distance should not be less than 125000 lux for both the domes
The domes/ light heads should consist of 36 LEDs with over 600 overlapping light beams
Light intensity for the domes should be adjustable in atleast 9 steps (10% - 100%) While varying light intensity (lux) light field should be remain constant
Colour temperature: 4350K
The entire light head structure and design must be laminar flow compatible and the light dome diameter should not be less than 600 mm and not more than 750 mm so as to strike a perfect balance in maintaining laminar flow compatibility and shadow less effect
Every light petal must have provision to be individuals services onsite
Light control panel for the light head must be micro controller based with At least 60 user selectable modes
One key/button/control for recommended mode of operation
Endoscopic mode is required – cool endow
Light head must have facility to upgrade to providing a wireless remote control or wall mount panel for operation in addition to panels on light head

	Minimum illumination depth of 1 meter i.e. 50 cm above and below the standard operating height of 1 meter
	LED life span of at least 50000 hrs
	Colour Rendering Index (CRI) for light dome must be 95 RA
	The light domes should have central illumination facility to enhance the light beam penetration within the deep cavity surgeries
	All the LEDs must have non planer alignment to increase optical efficiency and generate more lux for less wattage
	Variable light beam focus from 7 to 14 inches or more from a fixed height of 1 metre by rotating the sterilizable handle clockwise or anticlockwise to change the angle of domeflaps/petals and achieve maximum shadow less effect from any operation height
	The unit should be supplied with detachable, sterilizable handle at the centre for aiming and focusing of light head
	The support arm for the light head must also be provided with a detachable and sterilizable handle for O.T. assistant's use.
	Blending from all the light sources of light must create a homogeneous light field with maximum shadow less effect
	Under any light intensity/ Mechanical settings, the primary focus diameter of the light must not be less than 6 inches
	Must have a Parallel Feedback Architecture to ensure that in case of malfunctioning of any of the LED, the total light output lux intensity and the shadow less effect should not be affected. In case of failure of a single Led, the other LED's the other LEDs must compensate for the loss of illumination of the failed LED by automatically increasing the light intensity
	Even on continuous usage, the heat generated by the light dome should not be more than 3 degrees than the room temperature
	OT Light:
	OT Light system should comprise of principal dome & satellite dome
	The domes should have single colour LED chips blended together to create natural light so as to prevent casting of colour shadows
	Maximum light intensity at 1 metre distance should not be less than 125000 lux for both the domes
	The domes/ light heads should consist of 36 LEDs with over 600 overlapping light beams
	Light intensity for the domes should be adjustable in atleast 9 steps (10% - 100%) While varying light intensity (lux) light field should be remain constant
	Colour temperature: 4350K
	The entire light head structure and design must be laminar flow compatible and the light dome diameter should not be less than 600 mm and not more than 750 mm so as to strike a perfect balance in maintaining laminar flow compatibility and shadow less effect
	Every light petal must have provision to be individuals services onsite
	Light control panel for the light head must be micro controller based with
	At least 60 user selectable modes
	One key/button/control for recommended mode of operation
	Endoscopic mode is required – cool endow
	Light head must have facility to upgrade to providing a wireless remote control or wallmount panel for operation in addition to panels on light head
	Minimum illumination depth of 1 meter i.e. 50 cm above and below the standard operating height of 1 meter


	LED life span of at least 50000 hrs
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	Syringe Pump5 No..
	Technical specs
	Flow rate range from 0.1 – 1200 ml/hr
	Direct bolus: Rate: 50 – 1200 mL/h (50 mL/h increment)
	Programmed bolus (dose or volume / time): 0.1 -99.9 mL 0.01 – 9999 units/ 1 second – 24h.
	Keep vein open (KVO) available with a facility to set KVO flow rates and option to keep the function OFF. (Range 0.1 to 5 ml/hr)
	Should detect free flow or line disconnections
	Should have facility to store the last infusion data.
	Facility for 1500 data event log in real time.
	Pressure modes: 2 modes available: variable or 3 pre-set levels – Range from 50 to 900mmHg (25mmHg increment from 50 to 250 mmHg/ 50 mmHg increment from 250 to 900 mmHg). Can be enabled / disabled and adjusted.
	Dynamic Pressure System DPS is must
	Infusion modes: Rate Mode, Time mode, Dose Rate Mode
	Flow rate accuracy: ± 1 % on mechanism: ± 2 % on syringes.
	Have comprehensive alarm package including Pre-occlusion & occlusion limit exceed alarm, Near end of infusion pre-alarm and alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure, Drive disengaged, preventative maintenance warning. Infusion Line disconnection alarm etc.
	Work on standard disposable syringes of 5, 10, 20 & 50/60 ml sizes of different makes.
	Battery Back up of 11 hrs @ 5ml/hr
	Automatic detection of syringe size & proper fixing – Must provide alarm for wrong

loading of syringe.
Display of drug name with provision to select the names among community used critical drugs (min 50 names desired)
Night Mode facility: Device should be able to change Volume (Sound setting, contrast level, keypad sound level automatically as per desired time
Stack ability with centralized power connection
Stack ability without accessory
Should have pusher/plunger guard
Rechargeable Sealed NiMH Battery having 10hr backup for about 5ml/hr flow rate with 50ml syringes. indication of residual life.
Swing Pole clamp for mounting horizontally as well as vertically
Programmable PAUSE from 1 minute to 24 hours with increment from min to min
After selection of parameter key pad locking available for security purpose with option to keep it off. Have facility to set time duration for enabling keypad locking.
Graphical history of Volume/Dose infused, pressure flow rate
Pump can be used in MRI environment with optional accessory
1500 data log event
Should display Error code or farm message and it description at the time of alarm
Two no. 2 ton AC
Cladding and minor furnishing work
AMC/CMC As per Tender Clause

Consignee Details

M/s. Biotronics Equipments Pvt. Ltd.		
High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories		
Make : M/s. Pentax Medical & Model : Epk3000M, EB19J10		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6957 /Haffkine/Procurement Cell/E-2523/ High Definition Adult Video Bronchoscope with Video System Center with High Light Source with Accessories/2021-22. Date: 12-07-22	
	दि: १३.०८.२०१९ प्रशासकीय मंजूर निधी ५५,००,०००/- (जिल्हा खनिज प्रतिष्ठान २०१९-२०) (Qty.- 01)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College & Hospital, Nagpur.	01
	Total	01

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता


Dr. Sadanand Bhise
General Manager
Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.