

**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.: 5551 /Haffkine/Procurement Cell/E-2894/ Video Endoscopy System with Narrow band Imaging (NBI)/ 2021-22.****Date: 27.11.2021****दि: ३०.०१.२०२० प्रशासकीय मंजूर निधी १,००,००,०००/-
(PG Upgradation २०१९-२०) (Qty.- 01)****To,****M/s. Karl Storz Endoscopy India Pvt. Ltd.,**11th Floor, Dr. Gopal Das Bhawan 28,

Barakhamba Road, New Delhi - 110001.

Contact No.: 8588831476.

E-Mail: neetu.kakar@karlstorz.in**Subject : Supply Order for Tender No. E-2894/Video Endoscopy System with Narrow band Imaging (NBI).****Reference: 1. Tender No. E-2894/HBPCL/PC/Video Endoscopy System with Narrow band Imaging (NBI) /2020-21.****2. शासननिर्णय, क्रमांक - एससीएन-२०२०/प्र.क्र.२५/प्रशा-१
दिनांक : ३० जानेवारी, २०२०.****3. 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 (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	Video Endoscopy System with Narrow band Imaging (NBI) Make : KARL STORZ Model : Video Endoscopy System with Narrow band Imaging (NBI)	As per Annexure X	01	92,57,762/-	92,57,762/-

Total amount in words: Rupees Ninety Two Lakhs Fifty Seven Thousand Seven Hundred Sixty Two Only.**Factory Location: KARL STORZ & CO. KG, Dr. Karl-Storz-Strasse 34, 78532 Tuttlingen, Germany.**

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 12 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 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 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. 1,38,866/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,77,733/-** 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

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

Bawiskar

Dr. Vijay P. Bawiskar
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, Dr. Shankarrao Chavan Government Medical College, Nanded. : 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

VIDEO PROCESSOR

- The system should be truly Digital HDTV endoscopic video processor. The system should have the maximum Resolution of 1920 X 1080 pixels, progressive scan, and the consistent use of 16: 9 formats for Input & Output to guarantee genuine HDTV.
- Modular design: Should be compatible with Digital FULL HD camera module, flexible video GI endoscopes and upgradable to 3D Laparoscope in future.
- The system should have facility of Optical & Digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used.
- Should be equipped with the special detection technology for detailed observation by enhancing visibility of blood capillaries & mucosa.
- Should be equipped with PIP feature and should be able to produce side by side display of live white light and chromo endoscopy images.
- Parallel live display of Laparoscopy and Gastroscopy procedure during Hybrid procedure on same monitor.
- USB Port for Capturing FULL HD Videos & HD Stills in External USB drive and direct interface of USB Printer to facilitate direct printouts. (If Internal recording not available then Recording device of same make should be provided)
- System should have facility of controlling additional equipment's like light source/ insufflators and recording device from the camera head/Video endoscopes.
- System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like BLUE & GREEN light for recognition of the finest tissue Structures and their differentiation.
- Separate FHD Camera Head for Laparoscopy should be provided.
- If available kindly provide pre freeze function to select clear still image automatically and noise reduction technology.
- Should have structural enhancement feature for better observation in upper and lower GI.
- Should have automatic white balance.

Technical Specifications:

Image sensor:	3X1/3'' CCD-Chip.
Pixels	1920 x 1080
AGC:	Microprocessor controlled
Lens:	Integrated Zoom Lens f = 15-31 mm (2x optical zoom)
Minimum light sensitivity:	1.17 Lux (f = 1.4 mm).
Control buttons:	3 (2 of them freely programmable).
Video output:	2 x DVI-D output, 1 x 3G-SDI output, 3 x camera input for communication with compatible camera modules, LAN connection, 4 x USB connection (2x front, 2 x back).
Input:	Keyboard input for character generator. 5-pole DIN socket.
Power Supply	100-240 VAC 50/60 Hz
Certified to	IEC 601-1, 601-2-18, CSA 22.2 No. 601, UL 2601 and CE according to MDD, protection class I/CF

LIGHT SOURCE

- Two light source – One for Laparoscopic surgery and One for GI procedures with inbuilt Insufflator.

Light source for Laparoscopic surgery

- LED Light Source with Fiber optic cable: - QTY- 01.
- Lamp type: - LED 175
- Color Temperatures 6000K
- Light Outlets – 1

- Light Intensity Adjustment: - Continuously adjustable either manually or automatically by cameras head.
- Light source should be separate unit.
- Should be supplied with Diameter 4.8mm, Length 300cm. Qty - 1
- Certified To: - IEC 601-1 & UL 544 CE According to MDD, protection class 1/CF

Light source for Flexible video endoscopes – Qty 01

LED LIGHT SOURCE WITH INBUILT CO2 INSUFFLATION

- High Intensity LED light source with an average lamp life of 25,000 hours.
- Color temperature of 6000 K - like daylight - guarantees color fidelity.
- Should have integrated insufflation Pump to perform video GI endoscopy procedures.
- The integrated insufflator pump should be able to pump both AIR and CO₂ to perform all kind of therapeutic GI procedures.

MONITOR – 01

- HDTV 16: 9 widescreen Medical Grade Monitor LED- 26 Inches and above
- The monitor should have:
- HDTV display in original 16: 9 HDTV format.
- 1080 p/ 50 & 1080 p/60 displays possible.
- LED crystal display.
- Max. Resolution of 1920X1080.
- Screen diagonal – 27".
- Desktop with pedestal.
- Should have the facility of PIP mode.
- Video Inputs: 2* DVI-D, 2* 3G SDI, 1* S Video, Composite, 1* RGB/VGA.
- Output: 1* DVI, 1* 3G SDI, 1* S-Video, Composite
- Accessories External 24VDC Power Supply, Mains Cord.

Full HD Camera head & Telescope

Telescope- diameter 10 mm 30 Degree, length 31 cm: 1 unit

Video Gastroscope – Should have

- Ability to produce High Resolution true color video images.
- 8x magnification for optimal diagnostics
- 2x electronic zoom
- Ergonomic control body for fatigue free working
- Excellent Deflection
- Recessed air / water nozzle with directional flow channel for effective irrigation of optics

Technical Specification

• Sheath Diameter	• Not more than 9.4 mm
• Working channel diameter	• Minimum 2.8 mm or more
• Working length	• Upto 130 cm or less
• Depth of field	• 2-100 mm or better
• Deflection of distal tip (up – down)	• 210° – 100°
• Deflection of distal tip (left – right)	• 120° - 120°

The following items should also be included as standard set of the Gastroscope:

- Carrying Case
- ETO Cap
- Leakage Tester
- Caps for Working Channel
- Irrigation Tube
- Bite protector (in Gastroscope only)
- Cleaning Brush

- Cleaning Valve
- Disposable Biopsy forceps

Image enhancement technology: should be present

Video Colonoscope – Should have

- Ability to produce High Resolution true color video images
- 8x magnification for optimal diagnostics
- 2x electronic zoom
- Ergonomic control body for fatigue free working
- Excellent Deflection
- Recessed air / water nozzle with directional flow channel for effective irrigation of optics
- Should have forward/auxiliary water jet for mucosal cleaning
- Auxiliary water jet for mucosal cleaning
- Field of view: 140 ° or less

Technical Specification

Sheath Diameter	Not more than 12.9 mm
Working channel diameter	3.8 mm or more
Working length	160 cm or more
Depth of field	2-100 mm or better
Deflection of distal tip (up – down)	180° – 180°
Deflection of distal tip (left – right)	160° - 160°

The following items should also be included as standard set of the Colonoscope:

- Carrying Case
- ETO Cap
- Leakage Tester
- Caps for Working Channel
- Irrigation Tube
- Cleaning Brush
- Cleaning Valve
- Disposable Biopsy forcep
- Image enhancement technology: should be present

Video Duodenoscope (ERCP)

Should have modular design & deflecting mechanism for improved hygienic standards. The deflectable bridge module should be easily removed and dismantled for cleaning, thus eliminating any risk of contamination. The module should be removable and replaced by hospital staff. Fully immersible in disinfectant solution 3 or more control switches on control body if available or optional compatible: with leakage tester

- High Resolution true color video images
- 140° wide angle view with 5° retrograde orientation for direct view of major duodenal papilla
- 8x magnification for optimal diagnostics
- 2x electronic zoom
- Ergonomic control body for fatigue free working
- Excellent Deflection
- The complete reusable elevator mechanism of ERCP scope should be removable for cleaning purpose.
- Should have Disposable Elevator mechanism (Elevator wire + Elevator+ distal cap) for High risk and Positive patients.

Technical Specification

Sheath Diameter	12.6 mm
Working channel diameter	4.2 mm

Working length	125 cm
Deflection of distal tip (up – down)	120/90°
Deflection of distal tip (left – right)	90°/110
Direction of view	5° Retro
Field of view	100-140°
Depth of field	2-60 mm
Mimimum visible distance	10 mm from distal end

Image enhancement technology: should be present

The following accessories should also be included:

- Carrying Case
- ETO Cap
- Leakage Tester
- Caps for Working Channel
- Irrigation Tube
- Bite protector
- Biopsy Forceps, oval cup
- Cleaning Brush
- Cleaning Valve

Endoscopy Trolley (From Same Make), Software for Image Recording along with Desktop PC and Suitable printer to be provided along with the system.

Note: All Equipment's mentioned Laparoscope and Video Endoscope Should be from same manufacturer for better compatibility and post sales service.

All Equipment's should be CE and USFDA Approved.

Consignee Details

M/s. Karl Storz Endoscopy India Pvt. Ltd.		
Video Endoscopy System with Narrow band Imaging (NBI)		
Make : KARL STORZ & Model : Video Endoscopy System with Narrow band Imaging (NBI)		
Delivery Period	12 weeks	
PO Ref. No.	No.: 5551 /Haffkine/Procurement Cell/E-2894/ Video Endoscopy System with Narrow band Imaging (NBI)/2021-22. Date: 27.11.2024	
	दि: ३०.०१.२०२० प्रशासकीय मंजूर निधी १,००,००,०००/- (PG Upgradation २०१९-२०) (Qty.- 01)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Dr. Shankarrao Chavan Government Medical College, Nanded.	01
	Total	01

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