**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.: 6879 /Haffkine/Procurement Cell/E-2143/ HD Laproscopy and Endourology Set/2021-22.****Date: 14/10/2022****To,****M/s. Stryker India Private Ltd.**10th Floor, Vatika Business Park,

Block II, Sohna Road, Sector 49,

Gurgaon, Haryana - 122002.

E-Mail: tenders.india@stryker.comvikas.sharma06@stryker.comrajan.kumar@stryker.comshashank.singh@stryker.com**Subject :** Supply Order for Tender No. E-2143/HD Laproscopy and Endourology Set.**Reference:** 1. Tender No. E-2143/HBPCL/PC/HD Laproscopy and Endourology Set/2019-20.

2. शा. नि. क्र. : जीएचसी-२०१९/प्र.क्र. २२६/प्रशा-१ दि. १३ सप्टेंबर, २०१९.

3. Sanction of Tender Approval Committee Meeting No. 145 Dated 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.	HD Laproscopy and Endourology Set Make : Stryker Endoscopy, USA Model : STRYKER 1588 Laparoscopic set & Local (Hawk)	As per Annexure X	01	1,13,90,000/-	1,13,90,000/-
Total amount in words: Rupees One Crore Thirteen Lakhs Ninety Thousand Only.					
Factory Location: Stryker Endoscopy 5900 Optical Court San Jose, CA 95138 t:1 800 624 4422					

- 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 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. 1,70,850/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 3,41,700/-** 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

म. व्यवस्थापकीय संचालक यांच्या मान्यतेने 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, Chandrapur.:** 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.

Specification of HD Laparoscopy and Endourology Set

The System should have following salient feature:

- The Endoscopic Fluorescence imaging system should provide real-time video images.
- In addition to conventional visible light Imaging, the system utilizes near imaging technology to provide visualization of the structure and function of the vasculature, the lymphatic system and the biliary tree via the fluorescence response to the indocyanine green (ICG) imaging agent
- Integrated infrared lighted fibers for urethral detection
- The system should support lighted catheter which can be inserted in Ureter to visualize the ureter through pulsating mode
- The system should have following components & Accessories.

1. HD Recorder Cum Digital Documentation System for High Definition Recording (01 no):

- The full High definition digital documentation system designed specifically for recording managing and archiving surgical images and video native full HS resolution.
- The captured full high definition images & video can be accessed from the hard drive for printing or Saving onto multiple forms of external media which includes CD/DVD, USB Flash Drive & Hospital network
- Should support real time recording in MPEG 2 HD MPEG4, 1or 2 compression engine with full IBP encoding
- Should have video inputs minimum 2 nos S- Video, 2 nos DVI Composite, 1 XGA (1920 x 1080p).
- Should have video output S- video Composite DVI & XGA (1024 X 768,1280 X 1024 and 1600 X 1200)
- Should be capable of Progressive scan
- Image capture: 1080p, 720p, 1280 x 1024 p, (NTSC/PAL)
- Should have internal Disc Capacity of 1 TB (No external data storage source allowed)
- Should support file formats for image Bitmap(BMP), JPEG, JPEG2K, Tagged image File Format (TIFF) True vision Targa (TGA), and Portable Network Graphic (PNG) Video: MPEG-1 MPEG-2, and MPEG-4
- Should have CD-R DVD-R, DVD+R (single Session), DVD+RW Disc Recording formats CD -R,DVD-R,DVD+R,DVD+RW Disc Recording Formats
- Control options:
 - Wireless infrared Remote Control (Optional)
 - Surgical in& out time entry, patient profiling for at least 99 Surgeries.

c) Touch Control Panel for Patient Information and Device Management inbuilt

d) On-console LCD Touch Screen control

- Basic computer or touch screen computer systems with Medical software shall not be acceptable
- Should have LCD display & should be CE & US FDA Approved.

2) LED Light Source with transparent Optic Cable-Qty.01 (Patented)

- Enables users to visualize standard white light wavelengths, Infrared light wavelengths, and Endoscopic Near Infrared wavelengths using ICG technology
- Control of the Light Source directly from the camera head
- Adjustable light intensity in both white light mode and in Infra-Red Light
- Light source should have integrated output for Infrared lighted fibers for ureteral detection, Inbuilt into one unit only. Separate unit is not acceptable
- Integrated Safe technology designed to put the Light Source into Standby mode when disconnecting the scope from the light cable.

- Substantial cost saving benefits in overall lifetime ownership compared to a Xenon Light Source requiring bulb replacements
- Maintains strong white light output over course of use
- Intuitive capacitive LED touch screen user interface
- Universal jaw for broad compatibility and ease of use .
- The intensity of white light & IR light should be adjustable
- It should be equivalent to 400 watts xenon light source
- Should be provided with Two transparent Fiber Optic cable (1 No)
- It should be USFDA & CE approved

3) HD LED Medical Grade Monitor-Oty 01

- 26" HD LED Medical Grade Monitor
- Resolution should be of 1920 x 1080p or more
- Should have aspect ratio of 16:10/9
- Should Have Luminance of 525 cd/m² at least
- Should allow customize color changes
- Should be supplied with Monitor Stand
- It should be from same parent company to allow better service outcome
- It should be medical graded and USFDA & CE approved
- Should have DVI and other inputs/outputs

4) 3 CMOS High Definition Endoscopic Camera System - Oty 01

- HD video with 1920 x 1080p native resolution .
- CMOS 3-Chip camera technology
- Control of ICG fluorescent viewing from the camera head
- Programmable buttons to adjust the cavity backlighting and intensity of ICG fluorescence vibrancy from the camera head.
- Dynamic image enhancement designed to improve visualization in the surgical field by creating a brighter image in dark and posterior compartments by up to 150%
- Desaturation to decrease the saturation of color in the image to the level preferable by the surgeon
- Camera should be integrated with Documents system which allows various features of system like insufflator pressures Light source intensity Camera back light video capturing
- Ergonomic Camera head buttons for toggling between fluroscent mode and standards white light .
- Should be compatible with HD scopes.
- At least 8 cross-specialty for optimized color and brightness.
- Camera head compatible with Endoscopic near infra-Red Visualization System infra- Red Imaging System.
- Device Control from the camera bead (Light source Documents system or insufflator)
- Light source or insufflator can be controlled through camera head.
- 3 Or More programmable buttons on the camera bead with at least 15 customizable functionalities.
- Customized color setting and buttons function setting per surgical specialty
- Ergonomic, lightweight camera head design with coupler
- Intuitive touch screen LCD interface for ease of operation
- Scanning system Horizontal: 64 kHz Vertical: 60.02Hz
- It should be USFDA & CE approved.

5. Telescopes - Oty 02 Each

- 4 mm 30 degree & 4 mm 12 degree Cysto/Resectoscope
- Should have inbuilt light transmission
- Should be CE certified.

6.45 Liters CO2 Insufflator-Qty 01

- High flow 45lts. With LCD display with Touch Interface
- Soft approach pressure control for safe recovery of abdominal pressure
- Four mode & visual and Audible alarms
- Neonatal, Bariatric, high flow mode & visual and audible alarms
- Integrated Gas heating for controlled & heated CO2
- Internal leakage detection capability
- Unit should include Hose & Yoke
- Should have Touch Screen Control
- Should be US FDA approved.

High pressure unit should have following internal/ external components.

- A. Gas inlet Filter
- B. High pressure sensor
- C. High Pressure Regulator & High Pressure Safety Valve
- d. High pressure gas heating

Unit should be supplied with Heated Tubing & Patient Tubing

7. Mobile Video Cart-Qty 01

- Should have shelf for positioning of Monitor
- Should have shelves to keep various products.
- Should have wheels and at-least two should be lockable
- Should have storage bracket for CO2 Cylinder

8. High Frequency Surgical Cautery unit for Bipolar resection: 01 Qty (local)-

- It should have the soft. Standard and forced coagulation.
- Auto start function: manual adjustment of operating time limit for bipolar coagulation.
- Voltage regulated cutting.
- Permanent monitoring of the neutral electrode
- The system should be compatible to 1 or 2 pedal foot switches at any point can be used.
- IT should have predefined procedures for each specialty
- It should have Cutting options in Unipolar and Bipolar modes
- It should have automatic cable detection facility
- Self test for maximum patient and user safety.
- The Bipolar Saline HF Unit should be supplied with a single unit with no additional requirement of connecting any attachments for optimizing the outcome for any application in monopolar or bipolar applications
- Activation of HF functions possible via footswitch or manual control switch.
- Bipolar application with saline irrigation solution.
- Interdisciplinary use

9. Cystoscope, Urethrotome & Bipolar Resectoscope:

1. Cystoscope-Urethroscope Sheath, 17Fr, 20Fr, 22Fr each with obturator and 2 LUER-lock connectors-2 Qty each size
- 2 Telescope bridge, with 1 lockable channel. - 1 Qty.
3. Telescope bridge, with 2 lockable channels. - 1 Qty
4. Catheter deflecting mechanism with 2 luer lock channels, with deflection control. 1 Qty
5. Forceps for removal of foreign bodies of 5 Fr and 7/7 2fr each with double action jaws, flexible, length 40 cm 1 Qty each
6. Biopsy Forceps 5Fr and 7.2Fr, each with double action jaws, flexible, length 41 cm-2Qty each
7. Scissors of 5Fr and 7/7.2 Fr. Each with Single action jaws, flexible, length 41cm-2 Qty each
8. Resectoscope Sheaths with LUER-Lock stopcock, including connecting tubing for in & outflow, 26Fr.
24Fr. Rotating inner sheath with ceramic insulation oblique beak - 1 set
9. Standard Obturator-1Qty

10. Bipolar working element where cutting by means of a spring, the thumb support is movable and in rest position the electrode is Inside/Outside the Resectoscope sheath. Should be compatible to single stem cutting loops- 1 Qty
 11. Bipolar cutting loop, angled, 5pcs
 12. Bipolar coagulating electrode 5pcs
 13. High frequency cords (Bipolar) -2 Qty
 14. 22Fr Urethrotome Sheath with two luer locks -1 Qty
 15. 23Fr Supplementary Urethrotome Sheath - 1 Qty
 16. Urethrotome Working elements -1 Qty:
 17. Sachse cold knife, straight-m2pcs
 18. Cold knife, round-2pcs
- All above equipment and accessories should be certified by CE European Notified body.

10. PCNL Set-1 set

Nephroscope should have a size of not more than 21 Fr.

Nephroscope should have length not less than 21 cm

Working channel size should not more than 11 Fr.

Which should accommodate instruments up to 5 Fr.

The degree of view should be 0-12 degree

It should have an angled eye piece

Dilator set of 6Fr. To 27Fr.

11. Pediatric mini Cystoscope set

1. Straight forward viewing 0 degree, angulated eyepiece telescope, step diameter 7.5Fr & 12Fr, inbuilt instruments channel 1.8mm Length 13cms, fiberoptic light transmission incorporated - 1Qty
2. 2.2.7 mm 0 degree Straight forward viewing telescope, length 18cms or more-1 Qty.
3. cystoscope-Urethroscope Sheath, 9 Fr, 11Fr; & 14Fr. With instruments channel 5 Fr. To be supplied with Obturator and 2 LUER- lock connectors - 1 each
4. Pediatric Resectoscope sheath including connecting tubing for inflow and obturator.
 1. Working elements Set consisting following accessories:

Working elements where cutting by means of a springs the thumb support is moveable and in rest position the electrode in inside the resectoscope sheath, Cutting Electrode-1 Needle Electrode-1 high Frequency cord- 1

12. Uretero Renoscope Set.

A. 7.5 Fr. Ureteroscope - 1Qty

Uretero Renoscope, 7.5 Fr, 0/6 view conical, length 42.5cm with angled eyepiece, fiber optic light transmission incorporated, 2 lateral irrigation ports and 1 working channel. instruments port upto 5.4Fr.

B. 8.5 Fr Ureteroscope – 1Qty:Uretero Renoscope, 8.5Fr0/6 view conical length 42.5 or more cm. with angles eyepiece, fiber optic light transmission incorporated 2 lateral irrigation ports and 1 working channel for instrument upto 6 Fr.

C. Instruments for URS

1. 4 Fr. Rigid Biopsy Forceps, double jaw, length 580mm-1 Qty
2. 4 Fr. Rigid foreign body forceps double jaw, Length 580mm- 1 Qty
3. 5Fr Flexible Biopsy Forceps, double jaw, length 580mm - 1Qty
4. 5Fr. Flexible Grasper, four pronged opening, Length 600mm - 1Qty
5. 5Fr Dormia Basket, 1 Qty.


General Terms And Condition:

- Camera, Light Source, Monitor, CO2 insufflator & Recorder should be from same parent company/Single manufacture, it should also be USFDA & CE certified.
- Participating company should have service station in same city or any city nearby
- The telescopes, Resectoscopy & it's prime s instruments should CE certified
- Telescopes, instruments, & Cautery can be from Separate third party local supply.

Consignee Details

M/s. Stryker India Private Ltd.		
HD Laproscopy and Endourology Set Make : Stryker Endoscopy, USA Model : STRYKER 1588 Laparoscopic set & Local (Hawk)		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6879 /Haffkine/Procurement Cell/E-2143/HD Laproscopy and Endourology Set/2021-22. Date: 14/06/2022	
प्रशासकीय मंजूर निधी - १,१४,००,०००/- जिल्हा वार्षिक योजना २०१९-२०		
Sr. No.	Name & Address of the Consignee	Oty. (DMER)
1.	Government Medical College & Hospital, Chandrapur.	01
Total		01

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता


Dr. Sadanand Bhise
General Manager

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