

**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.: 7369 /Haffkine/Procurement Cell/E-3737/ Operating Light/ 2022-23. Date: 6-08-2022
दि: २४.०२.२०२१ प्रशासकीय मंजूर निधी ९९,००,०००/- (राज्य योजना २०२०-२१) (Qty.- 03)	

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.com**Subject : Supply Order for Tender No. E-3737/Operating Light.****Reference: 1. Tender No. E-3737/HBPCL/PC/Operating Light/ 2021-22.****2. शासननिर्णय, क्रमांक - जीएचपी -२०२०/प्र.क्र.३२६/प्रशा-१**
दिनांक : २४ फेब्रुवारी, २०२१.**3. Sanction of Tender Approval Committee Meeting No. 161****Date : 29.07.2022.**

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	Operating Light Make : KARL STORZ Model : Operating Light	As per Annexure X	03	29,00,000/-	87,00,000/-
Total amount in words: Rupees Eighty Seven Lakh Only.					
Factory Location: KARL STORZ SE & CO. KG, Germany, DR. Karl-Storz-Strasse 34, 78532 Tuttlingen, Germany.					

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. 1,30,500/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,61,000/-** 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



**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.
- 5) System Integrator

Copy to Consignee: Dean, Government Medical College & General Hospital, Baramati. 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 Specification for Operating Light
1.	The lighting system shall be based on the based on the latest high-performance LED technology for best possible light specification, high level of adaptability to individual surgical requirements and be environmentally friendly whilst providing energy efficient illumination to the surgical workspace.
2.	Ease of manoeuvrability is a key factor and all joints on the lamp heads should be 360-degree rotation with no stops.
3.	Lamp heads should be of a slim, aerodynamic design with smooth surfaces and a central open channel to maximise airflow suitability.
4.	The lamp head should offer a arrange of handles for use with the lamp including but not limited to, Standard Handle, Control Handle, Disposable Handle and Camera Handle.
5.	Both main and satellite lamps should have minimum output of 160,000 lux,
6.	Illumination should be 160000ux at 0.8m,1.0m & 1.3m
7.	Dimming facility for 100%-30% and Endo Mode (<10%)
8.	Colour Rendering Index Ra-97 Minimum
9.	Colour temperature adjustment is required with 3500 k, 4000 k, and 5000 k values selectable by user and must remain constant at all dimmed level.
10.	LED life span should be more than 60000 hours and it should be possible to replace a single Faulty LED.
11.	Irradiance/intensity ratio : 3.85 mw/Lux-Sq Mts or lower
12.	Active shadow management should be provided with ths use of 3D sensor technology for distance measurement and provide automatic detection and redistribution of light within the lamp head in the case of light field obstructions, maintaining intensity, colour temperature and light field size at all times.
13.	Automatic focussing using the 3D sensor to provide stable conditions with guaranteed maintained field size, illumination and colour temperature within a focal depth range of 800mm/1000mm/1300mm always, eliminating the need for any operator interaction
14.	The Surgical Light System Controls should be supplied with the choice of wall mounted flush mounted or remote hand- held control for all light and camera functions.
15.	Controls should be in the form of a dedicated tablet device, providing a totally wireless solution within the operating room and eliminating the need for a cabled system.
16.	Camera controls including preview window, snap shot and record activation, zoom, rotate, focussing and white balance controls should be available on the Light System Controller.
	<u>Lamp head HD Camera</u>
1.	Both lamp heads should be camera prepared to enable the users to swap the camera between lamp heads if required.
2.	Full wireless transmission should be used for full flexibility
3.	1080p 60hz FULL HD uncompressed signal quality
4.	Camera receiver to be either monitor, pendant or wall mounted
5.	Ability to record snap shots and video onto integral USB on receiver is required
6.	Video outputs for remote viewing should be available in either DVI or 3G-SDI from the receiver
7.	All camera controls and record functions should be available on the Surgical Lamp System controller incl. image preview

Camera Module

Connection Voltage	28-48 VDC
Maximum power Consumption	0.5A
Image Sensor	1/2.8CMOS
HD Resolution	Max.1920 x 1080 (Full HD), >2,000 pixels
Vertical Resolution	1080 lines interlaced/progressive (DVI, HD-SDI, 3G-SDI)
Aspect Ratio	16:9
Image Refresh Rate	50/60 Hz
Zoom	10 x optical
Lens	F=3.8mm (wide) to 38mm (tele) F1.8-F3.4
Signal to Noise Ratio	>50dB
Electrical Seal	1/1 to 1/10,000 sec, smooth and continuous
Minimum Light intensity	1.4 Lux (50 IRE)
Image Stabilisation	Standard
White Balance	Automatic/Manual
Motorised image Rotation	Without Stop
Still Image	Digital
Auto Exposure (not for 3D)	Spot/Integral
Focussing	Automatic/Manual modes
Amplifier	Automatic/ Manual- 3 to 18dB

Receiver

EMPTY Weight	1.8kg
Dimensions (LxBxH)	428x225x44mm
IP Classification as per IEC 60529	IP20

Surgical Lighting system EMC Compliance


Light System should be fully compliant with the relevant EMC standard below
Written confirmation will be required.

- HF Emissions as per CISPR 11 Group 1
- HF Emissions as per CISPR 11 Class A
- Harmonic Emissions from voltage fluctuations and flicker as per EC61000-3-3
- Conducted RF noise as per IEC 61000-4-3-, Compliance level 3 Vm.

Consignee Details

M/s. Karl Storz Endoscopy India Pvt. Ltd.		
Operating Light		
Make : KARL STORZ & Model : Operating Light		
Delivery Period	12 weeks	
PO Ref. No.	No.: 7369 /Haffkine/Procurement Cell/E-3737/ Operating Light/2022-23.	
	Date: 6-08-2022	
	दि: २४.०२.२०२१ प्रशासकीय मंजूर निधी ९९,००,०००/- (राज्य योजना २०२०-२१) (Qty.- 03)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College & General Hospital, Baramati.	03
	Total	03

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