

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED**  
**Procurement Cell**

( A Government of Maharashtra Undertaking)

Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)

<b>Phone No: 022- 24129320-23</b> <b>Managing Director :022-24150628</b> <b>General Manager (Procurement Cell) :022-24100478</b>	<b>Website : http://www.vaccinehaffkine.com</b> <b>E-mail: procurementcell@vaccinehaffkine.com</b>
प्रशासकीय मान्यता निधी २६,००,०००/- राज्य योजना २०२०-२१	No.: 6109 /Haffkine/Procurement Cell/E-3826/ Electrosurgical Unit with Ultrasonic Cutting & Coagulation unit/2021-22. Date: 08/01/2022

To,

M/s. JOHNSON & JOHNSON PVT. LTD.

L.B.S. MARG, Mulund West,

Mumbai - 400 080

E-Mail: [adubey15@its.jnj.com](mailto:adubey15@its.jnj.com)

**Subject : Supply Order for Tender No. E-3826/Electrosurgical Unit with Ultrasonic Cutting & Coagulation unit.**

**Reference: 1. Tender No. E-3826/HBPCL/PC/Electrosurgical Unit with Ultrasonic Cutting & Coagulation unit/2020-21.**

2. शा. नि. क्र. : जीएचपी-२०२०/प्र.क्र.३२६/प्रशा-१ दि. २४ फेब्रुवारी, २०२१.

3. Sanction of Tender Approval Committee Meeting No. 133 Dated 09.12.2021.

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.	Electrosurgical Unit with Ultrasonic Cutting & Coagulation unit Make & Model : Megadyne harmonic	As per Annexure X	04	21,17,416/-	84,69,664/-
<b>Total amount in words: Rupees Eighty Four Lakhs Sixty Nine Thousand Six Hundred Sixty Four Only.</b>					
<b>Factory Location: Jabil 3800, Gibbings Road, Auburn Hills, MI, 48326, USA.</b>					

- 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.

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- 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. 1,27,045/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,54,090/-** 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

  
Smt. 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: 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 Of Electrosurgical Unit with Ultrasonic Cutting & Coagulation unit
Specifications:	
•	The system should be used for Laparoscopic & open Procedures. The system should have open and laparoscopic probes for both ultrasonic & RF Energy vessel sealing system.
Technical Specifications	
•	Universal connector to connect Ultrasonic energy and Advanced RF energy Instruments.
•	Automatic instrument recognition
•	USFDA and CE approved.
•	Touch screen display for fast setup, operation and on-screen diagnostics System should have the ability for software updates via USB memory stick.
•	Single generator / Dual generator that provides Ultrasonic energy at 55.5kHz and Advanced RF energy technology for soft tissue dissection and vessel sealing Handpiece with transducer & silicon cable Capability of being operated by hand control or foot switch.
•	Single foot-switch attachment for operating ultrasonic energy or advanced RF energy instruments
•	System should have on screen warning display system for generator overheating, generator software upgrade, hand piece errors and instrument errors.
•	Stand-by mode for better safety
•	System diagnostics and troubleshooting guide
•	Warning system for malfunctioning cable, probe etc (Audible/ Visual)
•	Should be capable of sealing vessels at least 7mm in diameter
•	Should have different audible tone settings for different modes System should have at least 3-5 power settings levels with power level display for ultrasonic energy Instruments or different modes system should have minimum & maximum mode power setting.
•	Should be compatible with articulating RF Energy instruments with articulation of 55 degrees on either side and total of 110 degrees of articulation with 360 degrees shaft rotation and can simultaneously seal and transect vessel 7mm, large tissue pedicles and vascular bundles with system feedback.
•	Should have very minimal lateral thermal spread not more than 1 mm RF energy instruments compatible with generator should have controlled gap mechanism for uniform compression across the instrument jaw for better sealing and transection of vessels and tissue bundles of 7mm simultaneously.
•	System should have Advanced RF Energy hand instruments with a unique electrode configuration to minimize the lateral thermal spread.
•	Should provide temperature-controlled energy delivery which should maintain tissue temperature approximately at 100 degrees C and hand instruments that provide tissue/vessel seal strength to withstand burst pressure of 7 times the systolic pressure Should be compatible with pure ultrasonic energy instruments which can simultaneously seal and transect vessels of 7mm, large pedicel and Vascular bundles with ultrasonic energy only with system feedback.
•	System should conform to the following international standards EN(IEC), 60601-1, EN (TEC), 60601-1-2, EN (IEC), 60601-2-2, EN(IEC) 60601-1-8
•	System should provide Class 1 protection against electric shock

•	System Should come along with Reusable Patient Return Electrode (Capacitive coupling current quality monitoring electrode) should have following below specification - Should have Current limiting nature & hence eliminate Patient pad site burns - Should be based on Capacitive coupling principle - Should made of akton polymer
	- Can be used for all patient's veight > 350 grams - Should be Radiolucent & latex free, no adhesive related irritation to patient skin. - Can be used any side up for easy handling in OR - Should be US FDA approved - Should be compatible to any Electrosurgical generator - Size: 36" L x 20"W x 1/8"thickness
•	Microprocessor / microcontroller technology for monopolar and Bipolar surgeries
•	Should Automatically monitor tissue impedance & adjust power output to reduce damage & drag. Featuring Constant Control Technology & contact quality monitoring for return electrode.
•	Should have a fully automated Preset advanced cutting (Low & High) cut mode to provide a scalpel like cut effect with minimal thermal necrosis
•	Should facilitate skin incision with minimal to no scarring, facilitates plasma cut.
•	Displays should be Large & readable from a distance
•	Different audible tones to differentiate from Cut, Coag and Bipolar modes when activated
•	Active mode setting should illuminate when in use for visual confirmation
•	Should give ERROR codes in case of any Errors & fault in the unit
•	Should have an easy-to-use 'reset' function
•	Should have 2 receptacles each of Hand & Foot control for Monopolar output
•	Should be activated either by Foot pedal or Hand control at surgeon's discretion without any switches or change over in the equipment to do so from any of the receptacles.
•	Should have Soft Coagulation for slower thermal penetration.
•	Should have Auto Bipolar to provides automatic activation when the electróde touches tissue, combined with automatic stop based on the impedance of the tissue.
•	Should have an in-built current meter that shows the flow of current in Bipolar mode & indicate tissue dehydration.
•	Should be defibrillator proof generator & should be denominated on equipment
•	Should be US FDA approved under section 510, ISO, IEC certification.
•	Should meet all applicable IEC standards
•	Should be compatible with Argon Plasma & Smoke Evacuators
•	High Frequency RF Leakage should be less than 150m A (<150 m A)
•	Should Have RS232 & USB communication Ports.
•	Should have PER 97% for effective output in surgeries.
•	CREST Factor should be > 8 in Spray Mode for effective tissue effect.
	<b>Technical specification:</b>
•	E.S. Generators operating frequency: 400KHZ
•	Equipment classification: IEC 60601-1 Class I
•	Equipment type: IEC 60601-1 Type CF




•	Monopolar should have a minimum 3 cut modes
	<ul style="list-style-type: none"> <li>○ An advanced low cut &amp; high cut Mode to give scalpel like effect- with constant voltage, which enables surgeon to cut through the skin with minimal damage to tissue.</li> <li>○ Pure Cut Mode - Power up to 300 watts</li> <li>○ Blend Mode- Power up to 200 watts</li> </ul>
•	Monopolar should have a minimum 4 Coagulation modes including Soft Coagulation up to 120W each Coag mode .
•	Should have 3 Bipolar modes Micro, Macro & Auto Bipolar up to 80 watts each mode
•	<p>Disposable return electrode with cord- 50 units System Should come along with Reusable Patient Return Electrode (Capacitive coupling current quality monitoring electrode)</p> <p>should have following below specification- 1</p> <ul style="list-style-type: none"> <li>❖ Should have Current limiting nature &amp; hence eliminate Patient pad site burns</li> <li>❖ Should be based on Capacitive coupling principle</li> <li>❖ Should made of akton polymer</li> <li>❖ Can be used for all patient's weight &gt;350 grams</li> <li>❖ Should be Radiolucent &amp; latex free, no adhesive related irritation to patient skin.</li> <li>❖ Can be used any side up for easy handling in OR</li> <li>❖ Should be US FDA approved</li> <li>❖ Should be compatible to any Electrosurgical generator</li> <li>❖ Size: 36" L x 20"W x 1/8" thickness</li> </ul>
<b>System Configuration Accessories, spares and consumables:</b>	
•	Foot-switch with cable. - 1
•	Adapter for ultrasonic instruments. - 1
•	Same OEM Cart-1 no; Cart for Generator - 1
•	Ultrasonic Hand piece (Transducer) – 2 No each-compatible with open and lap hand instruments.
•	Disposable coagulation shears for open surgery-9cm -2 no. & 17cm long- 2 no.
•	Disposable coagulation shears for laparoscopic surgery-5mm diameter 36 long, capable of sealing vessel of 5mm with pure ultrasonic energy along with ATT-2 No.
•	Disposable coagulation shears for laparoscopic surgery - 5mm diameter 36 long, capable of sealing vessel of 7mm with pure ultrasonic energy-2 No.
•	Disposable coagulation shears for laparoscopic surgery with integrated transducer - 5mm diameter 36 cm long, capable of sealing of 7mm with pure ultrasonic energy-2 No
•	RF energy hand probes with 55-degree articulation on either side, curved Jaw & in different shaft lengths 35 cm with 5mm diameter - 2 No
•	Curved Blade and Dissecting Hook having telescoping shaft (10cm-14cm) with integrated hand activation control buttons. - 2 no
•	RF energy hand probes with Curved Jaw length 38mm with Jaw with 6.5mm with shaft lengths 20cm & diameter 13mm-2 no
•	Electrosurgical Generator - 1 no
•	Monopolar Foot Switch - 1 no
•	Bipolar Foot Switch - 1 no
•	Disposable nonstick cautery pencil for Open Surgeries- 50 units
•	Disposable return electrode with cord- 50 units System Should come along with Reusable Patient Return Electrode (Capacitive coupling current quality monitoring electrode) should have following below specification-1

### Consignee Details

<b>M/s. JOHNSON &amp; JOHNSON PVT. LTD.</b>		
<b>Electrosurgical Unit with Ultrasonic Cutting &amp; Coagulation unit</b> <b>Make &amp; Model : Megadyne harmonic</b>		
<b>Delivery Period</b>	<b>12 weeks</b>	
<b>PO Ref. No.</b>	<b>No.: 6/09 /Haffkine/Procurement Cell/E-3826/Electrosurgical Unit with Ultrasonic Cutting &amp; Coagulation unit/ 2021-22.</b> <b>Date: 08/01/2022</b>	
प्रशासकीय मान्यता निधी २६,००,०००/- राज्य योजना २०२०-२१		
<b>Sr. No.</b>	<b>Name &amp; Address of the Consignee</b>	<b>Oty. (DMER)</b>
1.	Government Medical College & General Hospital, Baramati.	04
<b>Total :</b>		<b>04</b>

श्री. व्यवस्थापकीय संचालक संघ मान्यतेने व करिता

  
Smt. Sushama Patil

General Manager

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(Procurement Cell), Mumbai.