



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA
JODHPUR ROMANA, MANDI DABWALI ROAD, BATHINDA, PUNJAB- 151001
ਅਖਿਲ ਭਾਰਤੀ ਆਯੁਰਵਿਗਿਆਨ ਸੰਸਥਾਨ, ਬਠਿੰਡਾ ਅਖਿਲ ਭਾਰਤੀ ਆਯੁਰਵਿਗਿਆਨ ਸੰਸਥਾਨ, ਬਠਿੰਡਾ

PROCUREMENT CELL



No. AIIMS Bathinda/Procurement/NOC/627

06 Jan 2022

Subject: Purchase of “Combined High End RF, Argon Plasma and Waterjet Surgical Workstation with Automatic Surgical Smoke Evacuation System” on Proprietary basis-
Inviting Comments thereon.

The request received from Surgical Oncology Department, AIIMS Bathinda for the purchase of captioned Item from **M/s Gaur Surgicals, 187, W.No.-3, Mehrauli, New Delhi - 110030**, authorized distributor of **M/s Erbe Elektromedizin GmbH, Germany** on Proprietary basis.

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/proposal, if any, on proprietorship of this item.

In case, the product of any Manufacturer/Authorized distributor/dealer conforms to the enclosed specifications, they may submit their proposal for the supply same Equipment along with the following: -

- (a) Equipment brochure
- (b) Point-by-Point compliance of the enclosed specifications, along with all relevant documentary evidence:

The objection/proposal should be sent in sealed cover to the **OIC, Procurement Cell, First Floor, C-Block, Admin. Building, AIIMS Bathinda, Mandi Dabwali Road, Bathinda - 151001** so as to reach on or before **18 Jan 2022 up to 02:00 PM.**, failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its **merit**.

The reference number should be super scribed on sealed envelope.

Sd/-
OIC Procurement Cell

- Enclosed:**
1. Technical Specifications
 2. PAC Certificate
 3. Dealer Authorization Certificate

1. Technical Specifications



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ਬਠਿੰਡਾ



DEPARTMENT OF SURGICAL ONCOLOGY

No; AB/Surgical Oncology/63

Dated: 15/10/2021

Subject: Technical Specifications for Combined RF Argon Plasma and Water Jet Surgical Station required in the department of Surgical Oncology

The Department is running the OPD/IPD and OT Services.

Combined High End RF, Argon Plasma and Water Jet Surgical work Station with Automatic Surgical Smoke evacuation System is required in the department for the smooth functioning.

S.No	Item	Specification
	RF Energy Platform	<ul style="list-style-type: none">• The Electro surgical generator should be a 400watt touch screen display with 15 digital signal processors.• It should facilitate functions of monopolar, bipolar & vessel sealer with in-built regulated power supply adapter for bipolar resection.• It should have a Stepguide suggesting appropriate setting configurations for every instrument and application.• The system should make more than 25 million measurements / sec for better tissue effect and should measure tissue impedance through power peak system.• System should have wifi compatibility for future OR integration.• Unit should be plug & play with 5 or more universal multi-functional sockets to accommodate any instrument.• System should have remode function to allow user to access 6 sub programmes directly from the sterile field.• Unit should have high cut mode for monopolar modalities• Each socket should support the Autostart function for bipolar instruments.• Unit should have the facility for socket exchange.

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		<ul style="list-style-type: none"> • Unit should have Soft Coagulation mode with quick start function for any open or laparoscopic application • Unit should have PreciseSect mode for optimized dissection in open or laparoscopic cases • The generator should work on a supply voltage of 100 – 120 VAC & 220 – 240 VAC • Power consumption at Max HF power should be 550 watts with max pulse power consumption of 1600 watts. • Should have a special Coagulation mode called "Thermosteal" with auto start function for highly vascularized tissue bundles and vessels upto 7mm diameter and min. burst 360mmHg burst pressure. • Unit should have an AutoCut bipolar mode to facilitate bipolar cutting instruments. • Supply frequency should be in the range of 50 -60 Hz. • Unit should have the facility to store 1800 programmes or applications. • Unit should have the facility to show the active instruments on the screen display. • The generator should have an inbuilt feature of accessory assignment. • The unit should have high cut bipolar to facilitate bipolar resectoscopes. • The generator should be supplied with Argon plasma coagulation unit having forced APC, pulsed APC and precise APC modes. • The generator should be supplied with Hydrojet to facilitate use of unique hybrid technology instruments for All Surgical Modalities. • Unit must be compatible & Supplied with Intelligent smoke evacuation module and suction module. from Same OEM • Unit should support Nussy as a neutral electrode.
2	Argon Plasma Coagulation	<p><u>Argon Plasma Coagulation</u></p> <p>For management of bleeding and devitalisation of tissue abnormalities achieved by optimal coordination with RF generator</p> <ul style="list-style-type: none"> • The Argon Plasma Coagulation system should have automatic

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		<p>parameters setting for various types of instruments and automatic depth controlled plasma regulation.</p> <ul style="list-style-type: none"> • Should have three different APC modes suitable for different indications • Precise APC – adjustment made using the effect settings • Pulsed APC – adjustment made using the parameter power settings • Forced APC – adjustment made using the parameter power settings • Should have Adjustable argon flow rate from 0.1L/min to 8L/ min in steps of 0.1 L /min with automatic regulation of selected flow rate. • Should have the facility to use Argon plasma coagulation and monopolar coagulation simultaneously • Should have automatic monitoring of flow rate and Argon supply and auto purge facility. It should have the facility to connect with central gas supply. • Should give visual display of argon gas bottle content and should give Acoustic alarm when bottle content reaches a minimum. • Should have facility for activation of unit by foot pedal of the Electro Surgical unit. • Should have facility to use in double balloon endoscopy procedures. • Should have facility for Argon supported cutting and coagulation.
3	Water Jet Tissue Dissection System	<ul style="list-style-type: none"> • Should have pressure range:1–80 bars & Volume flow:1–65ml/min. It should indicate delivered fluid vol. • Should adapt any sterile saline solution bag (disposable) as separation medium. • Should be integrated with Electro surgical workstation with other accessories and facility to connect Monopolar coagulation with the applicator • Should have facility to individually configure programs for different surgeries. • Water jet activation should be via footswitch and Remote facility for switching between two different user settings. • Should have facility for various applicators to be used in

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		Laparoscopy, flexible endoscopy and open surgeries.
4.	Automatic Smoke Evacuation Unit	<ul style="list-style-type: none"> The smoke plume evacuation system should be microprocessor controlled, US-FDA and / or European Certificate marked in accordance with the medical devices directive (93/42/EEC) & Electro Surgical Unit should comply with the requirement of the medical device directive of class I equipment and electromagnetic compatibility. The smoke plume evacuation system should be compatible with already installed VIO Surgical Workstation & Electrosurgical Units and should be fitted into same station trolley for smooth functioning and ergonomics. The smoke plume evacuation system should be able to extract and filter smoke and aerosol- laden air during surgical procedures & should be also able to filter COVID -19 like viruses and other microorganism present in surgical smoke generated during the procedure. The system should have a functional 5.7 inches touch screen display for better visibility& ease of control & display should be able to show settings, operating modes, filter run-time and information messages for the user. The System should have Bi-Turbo technology for effective filtration, should have ULPA-15 filter (5 stage filter protection) and active carbon filters & should also have ability to remove 99.9995% of all 0.1µm particles. The system filter should have maximum output of 730 l/min & have the ability to give a notification when volume flow of more than 300l/min is reached.
5	Open Surgeries	<ul style="list-style-type: none"> 40 hrs at 30% evacuation 32 hrs at 60% evacuation 25 hrs at 100% evacuation
6.	Laproscopy Surgeries	<ul style="list-style-type: none"> 80 hrs at 30% evacuation 60 hrs at 60% evacuation 25 hrs at 100% evacuations The smoke evacuator unit should have an interface to connect it to the Electrosurgery system and should also be used as a "stand alone" unit. The unit should have provision to be activated via the interface to the Electrosurgery unit, and the time and type of activation can be selected and stored for every output socket and for every

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		<p>cutting or coagulation mode of each program of the Electrosurgery unit.</p> <ul style="list-style-type: none"> • The unit should additionally be activated manually using the START / STOP button or the footswitch. Deactivation should be controlled via the interface or by programming an after-run time. • For safety reasons, an automatic function check of the unit and of the activation components connected to the unit should be performed after the mains switch has been switched on. • A System display should indicate the filter level. • The smoke evacuator unit should be supplied with essential accessory Filter Cartridge. • The smoke evacuator unit should be supplied with essential accessories of same O.E.M • One pedal foot switch AP & IP 100% waterproof endorsed by IPX8 certification of same O.E.M.
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Accessories Required with the above Mentioned Unit

- Reusable hand pencil with Coated Monopolar Electrodes – **20Nos.**
- Reusable Thermo fusion hand instrument for open surgeries (for vasculatures up to 7mm) – **05Nos.**
- Reusable thermo fusion hand instrument for Laparoscopic surgeries (for vasculatures up to 7mm) – **05Nos.**
- Footswitch with facility for swapping between programs – **2Nos.**
- 5mm bowel shaped sealing and cutting hand instrument with maximum of 1.1 mm thermal spread – **5Nos.Each (Open & Lap Surgeries)**
- Reusable Bipolar forceps with cable – **05Nos Each.**(Straight & Bayonet)
- Patient plate with equipotential ring - **100Nos.**
- Argon assisted cutting instrument for open surgery and laparoscopic surgery - **02 Each**
- Water Jet accessories for Laparoscopy and open surgery - **02 Each**
- Pump Cartridges for Waterjet Surgeries Single Use – **10Each**
- Workstation trolley with attached Suction unit from same OEM – **1No.**
- Automatic Smoke Evacuation unit from same OEM - **1 Nos**
- Reusable Bipolar Scissor for open & Lap surgery with cable – **05Nos.(Each)**

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- Laparoscopic Cable & Attachments for Minimal Invasive Instruments- **02 Nos**

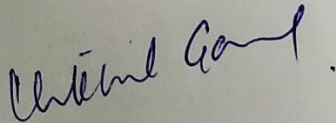
Following Accessories from the same OEM only should be supplied as Standard Accessories Along with Automatic Smoke Evacuator unit.

- Main filter cartridge IES 3- 01 Qty
- Automatic Activation Device IES 3- 01 Qty
- Prefilter for smoke evacuation- 10 Qty
- Smoke evacuation pencil, single-use, short with coated spatula electrode, connecting cable 3 m- 20- Qty
- Evacuation tubing, ø 22 mm, length 2.1 m (reusable)- 01 Qty
- Evacuation tube with optimized streaming- 05 Qty
- Evacuation funnel connection, ø 22 mm- 05 Qty
- LAP tubing set IES 3 with trumpet valve 3m- 20 Qty
- One-pedal foot switch for IES 2, AP & IP X8 equipment; with connecting cable 5 m, with connecting plug 7 poles

Department Purchase Committee (DPC) Certified that:

"We , members of the department committee are jointly and individually satisfied that the goods recommended for purchase are of the requisite specification and quality , priced , at the prevailing market rate and the supplier recommended is reliable and competent to supply the goods in question ."

Yours Faithfully

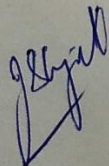


Dr. Nikhil Garg

Assistant Prof.

Dept .of Surgical Oncology,

AIIMS Bathinda



2. **PAC Certificate**

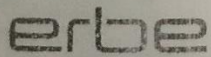


Proprietary Certificate

To whom it may concern

HIGH END RF, APC 3, ERBEJET® 2 and AUTOMATIC SMOKE EVACUATION SYSTEM

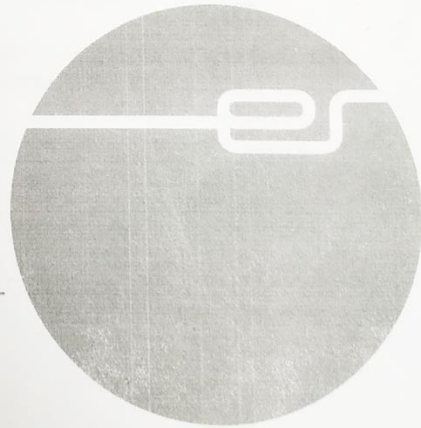
This is to certify that the Combined High-End RF, Argon Plasma and Waterjet surgical workstation with Automatic smoke Evacuation System. These products are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and are not manufactured elsewhere.



Erbe Elektromedizin GmbH
Waldhoernlestrasse 17
72072 Tuebingen, Germany

N. Zierhut
Natalie Zierhut, Business Manager Asia Pacific

Date 2021-11-09



28/11/21

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Verwendungsart.*

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3. Dealer Authorization Certificate

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MANUFACTURER'S AUTHORISATION

LOA 21-22/105

15th Nov 2021

The Director,
AIIMS Hospital
Bathinda, Punjab

Dear Sir,

Ref: Authorization for Combined high End RF, Argon Plasma and Water Jet Surgical workstation with Automatic Surgicals Smoke Evacuation System.

We, Erbe Medical India Pvt. Ltd, 100% subsidiary of Erbe Elektromedizin GmbH, Germany, who are proven and reputable manufacturers **Combined high End RF, Argon Plasma and Water Jet Surgical workstation with Automatic Surgicals Smoke Evacuation System** having office at Plot No - 447, Pocket B, Sector-19, Dwarka, New Delhi 110075 authorize **M/s Gaur Surgicals, 187, W.No.-3, Meherauli, New Delhi -110030** to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred subject mentioned goods manufactured by us.

We further confirm that no supplier or firm or individual other than **M/s Gaur Surgicals** are authorized to tender, and conclude the contract for the above goods manufactured by us.

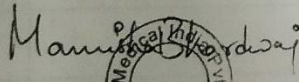

We will also hereby extend our full warranty, CAMC as required for the goods and services offered for supply by the above firm against this Bid document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for the lifetime of the equipment.

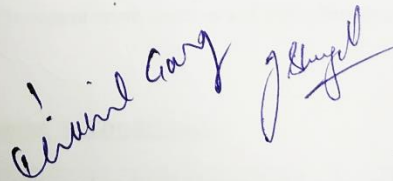
We also confirm that the price quoted by our agent shall not exceed the price, which we would have quoted directly.

This authorization is valid till 31st March' 2022 which will be extended, if required in due time.

With regards,
For Erbe Medical India Pvt. Ltd.

Authorised Signatory







Erbe Medical India Private Ltd., Plot No : 447, Pocket B, Sector-19, Dwarka, New Delhi - 110075, India Phone +91 11 41009808 www.erbe-india.com erbe@erbe-india.com

Registered Office No 7/26 Ground Floor Sunder Nagar First Avenue Ekkattuthangal Chennai - 600032	Deutsche Bank AG Chennai Branch Current Acc.No: 5006846-00-0 Swift Code: DEUT0916CNN CIN: U33119TN2007PTC062336	Elektromedizin GmbH Walhoerndelstrasse 17 72072 Tuebingen, Germany erbe-med.com	Kreissparkasse Tuebingen Konto 141 SWIFT -BIC: SOLADES1TUB IBAN : DE546415 0020 0000 0001 41 BLZ: 641 500 20	GSTIN Delhi : 07AABCE7430L1ZK Chennai : 33AABCE7430L1ZP Mumbai : 27AABCE7430L1ZI Kolkata : 19AABCE7430L1ZF
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