

REGIONAL CANCER CENTRE

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Sub:- Purchase of Integrated Bipolar & Ultrasonic Cutting and coagulation units from M/s. Olympus Medical Systems Corp, Japan through their local agent M/s. Serum Biologicals, Kottayam, Kerala on proprietary basis.

Regional Cancer centre, Thiruvananthapuram, Kerala is in the process to purchase two units of Integrated Bipolar and Ultrasonic Coagulation & Cutting units from M/s. Olympus Medical Systems Corp, Japan for our Surgical Oncology Department through their local agent M/s. Serum Biologicals, Kottayam, Kerala on proprietary basis.

Detailed technical specification and Proprietary Certificate are also attached

This matter is being published for open information to submit objections, comments, if any from any vendor regarding the proprietary nature of the equipment. If any vendors have objection for purchasing of this equipment on a proprietary basis, that may please be intimated to the undersigned on or before 14/06/2018 failing which, it will be presumed that any other vendor is having no objection/comment to offer and RCC will proceed with the purchase.

Trivandrum
28/05/2018

Sd/
DIRECTOR

Specification for Integrated Bipolar and Ultrasonic Coagulation & Cutting Unit

The Unit should have following features :

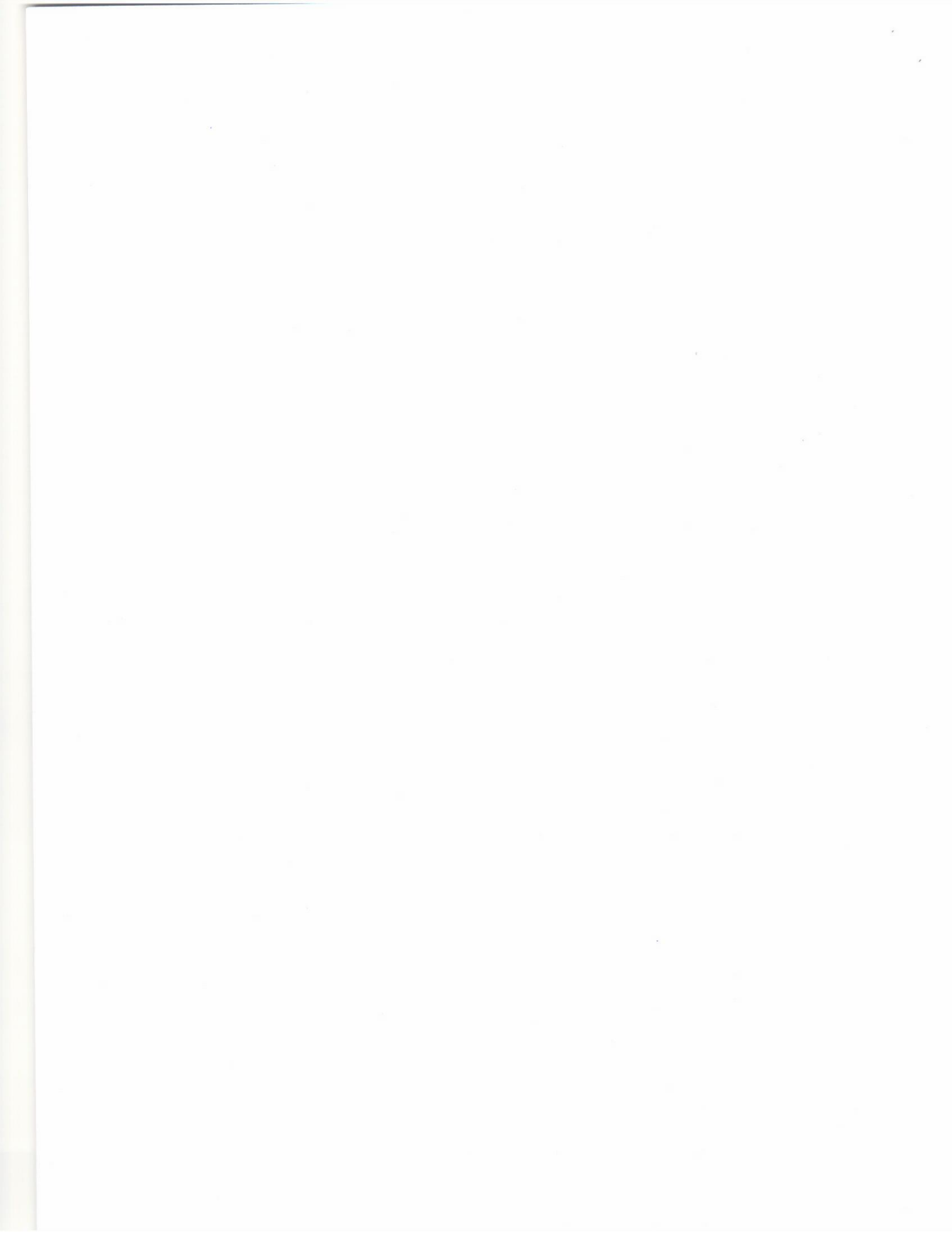
- Ultrasonic energy combined with Bipolar HF energy
- Delivery of both ultrasonic and bipolar energy through one instruments simultaneously
- Units should also be able to deliver separately the other energy modality like monopolar, bipolar ,advance bipolar and Ultra sonic energy both for open as well as Endoscopic surgery.
- Rapid Dissection and Reliable Hemostasis up to 7mm Vessels in a Single Instrument
- The unit should also be able to deliver bipolar energy under saline for BPH management.
- Dedicated cart for transportation and storage should be supplied
- Instrument recognition and automatic application of default settings for ease of use.
- Provision for Automatic mist and smoke evacuation to maintain a clear laparoscopic view reducing delays associated with compromised visualization when combined with compatible Co2 Gas Insufflator
- HF Unit should have operational compatibility for all Lap / Gyn / Uro / GI / Open Surgery and should have minimum 16 Monopolar & Bipolar modes to cover all OR requirements, boot time not more than 6 Sec, 4000 times feedback control cycle per second.
- LCD and Touch Screen user Interface
- HF unit should have Fast Spark Monitor ensures smooth and reproducible cutting in varying tissue (e.g., muscle & fat)
- HF unit should have Automatic Saline Detection mode for Urology application
- HF & US device should have CF type Protection against electric shock

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 Dr. Shripal
 HOD, Surg. Anals

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 Dr. Parul Augustin

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- Device should have dedicated 'Seal' and 'Seal & Cut' mode by hand activation as well as foot switch without exchanging the instruments.
- The simultaneous energy delivery instrument should be versatile, should seal upto and including 7 mm vessels, should be having Fast cutting speed, Fine and easy dissection. Hemostatic seal mode, Optimised grasping for getting less instrument exchange, Uninterrupted operation flow and reduced OR time.
- The device should be FDA approved and CE certified.
- Device should be supplied with following instrumentations:
 - 1) Ultrasonic Generator with Foot Switch-2nos
 - 2) Advanced HF Generator with Foot Switch
 - 3) Transportation Cart
 - 4) Communication Cables
 - 5) Autoclavable Transducer with cable
 - 6) UPS of suitable capacity
 - 7) Hand Piece probes for Lap. & open surgery

Lap	35 cm length, 5mm dia, Front actuated grip	1 no
Open	Open Fine jaw, 9 cm length, scissor grip	1 no
	10 cm length, 5mm dia, Inline grip	1 no
	20 cm length, 5mm dia, Front actuated grip	1 no
	20 cm length, 9mm dia, Front actuated grip	1 no

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(BMC)

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Dr. Shephard
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