

Schedule No. 03 - Combined ultrasonic cutting & coagulation device with advanced Radio-Frequency energy (Rfx no. 3000002778)

Sl. No	Reference to the bidding document	Specification/Clause of the bidding documents	Name of firms	Queries/Clarification asked by firms	Recommendations/replies by the Committee
1	Page no. 51 Para A, Point no. 1	Generator:- System should be a single generator with footswitch that provides Ultrasonic energy and Advanced RF energy technology for soft tissue dissection and vessel sealing.	Olympus Medical Systems India Pvt Ltd	Kindly amend it as System should be a single/dual generator with single/dual footswitch that provides ultrasonic energy and advanced RF energy technology for soft tissue dissection and vessel sealing Remarks - Olympus Thunderbeat model has combined generator of Ultrasonic and Electrosurgical Generator	Amended as:- Generator:- System should be a single/ dual generator with single/ dual footswitch that provides Ultrasonic energy and Advanced RF energy technology for soft tissue dissection and vessel sealing.
2			Rohit Surgical Pvt. Ltd.	Since you're asking for two technologies, it can be two generator	
3	Page no. 51 Para A, Point no. 6	Generator:- Should be able to power ultrasonic energy instruments with 55.5 KHz frequency.	Olympus Medical Systems India Pvt Ltd	Kindly amend it as "Should be able to power ultrasonic energy instruments with 47 KHz and above" frequency. Remarks - Olympus Thunderbeat Ultrasonic generator operates on 47KHz	Amended as:- Generator:- Should be able to power ultrasonic energy instruments with 45 KHz or above frequency.
4			Rohit Surgical Pvt. Ltd.	Should be 35KHz or more, our system has tortional technology, which means the energy generated by the system will go into the tissue directly there will not be any energy loss. Our competition has longitudinal flow of energy, that is why they need 55KHz or more as maximum energy is lost from the tip and it's only assumption that how much out of 55KHz is going to the issue.	
5	Page no. 51 Para A, Point no. 8	Generator:- Should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi-sinusoidal forced impedance output	Olympus Medical Systems India Pvt Ltd	Kindly amend it as Should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a sinusoidal forced impedance output.	Amended as:- Generator:- Should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a sinusoidal forced impedance output
6			Rohit Surgical Pvt. Ltd.	"quasi" this term needs to be deleted.	
7	Page no. 51 Para A, Point no. 10	Generator:- Should be compatible with articulating RF energy instruments with articulation of 55 degree either side and total of 110 degree of articulation with 360 shaft rotation and can simultaneously seal and transect vessels up to 7 mm large tissue pedicles and vascular bundles	Olympus Medical Systems India Pvt Ltd	Kindly amend it as Should be compatible with 360 deg shaft rotation and can simultaneously seal and transect vessel upto 7mm, large tissue pedicles and vascular bundles with system feedback Remarks - This with articulation of 55 degree either side and total of 110 degree of articulation is single company specific	Amended as:- Generator:- Should be compatible with instruments with 360 deg shaft rotation and can simultaneously seal and transect vessel upto 7mm, large tissue pedicles and vascular bundles with system feedback

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8		with system feedback.	Rohit Surgical Pvt. Ltd.	Specific instrument feature of J&J i.e. " with articulating RF energy instruments with articulation of 55 degree either side and total of 110 degree of articulation with 360 shaft rotation" Should be amended as "Should be compatible with articulating RF energy instruments with 220 deg shaft rotation and can simultaneously seal and transect vessels up to 7 mm, large tissue pedicles and vascular bundles with system feedback.	
9	Page no. 51 Para A, Point no. 11	Generator:- Should provide temperature controlled energy delivery which should maintain tissue temperature approximately at 100 degree Celsius and hand instruments that provide tissue/vessel seal strength to withstand bursting pressure of at least 7 times the systolic pressure.	Olympus Medical Systems India Pvt Ltd	Kindly amend it as Should provide temperature controlled energy delivery which should maintain tissue temperature less than 100 deg C and hand instruments that provide tissue/vessel seal strength to withstand bursting pressure of minimum of 3 times the systolic pressure	Amended as:- Generator:- Should provide temperature controlled energy delivery which should maintain tissue temperature not more than 100 degree Celsius and hand instruments that provide tissue/vessel seal strength to withstand bursting pressure of at least 3 times the systolic pressure.
10	Page no. 51 Para A, Point no. 12	Should be compatible with ultrasonic energy instruments which can simultaneously seal and transect vessels up to 7mm, large tissue pedicles and vascular bundles with ultrasonic energy only with system feedback			Amended as:- Should be compatible with ultrasonic energy & RF energy instruments which can simultaneously seal and transect vessels up to 7mm (using ultrasonic/RF energy), large tissue pedicles and vascular bundles with ultrasonic energy only with system feedback
11	Page no. 51 Para A, Point no. 13	Generator:- All hand probes for open and lap procedures should be able to simultaneously cut and coagulate tissues and also works separately Curved Blade and Dissecting Hook having telescoping shaft (30cm-14cm) with integrated hand activation control buttons.	Olympus Medical Systems India Pvt Ltd	Kindly delete this line Remarks - This single company specific	Amended as:- DELETED
12	Page no. 51 Para A, Point no. 14	Generator:- Should have the ability for software updates via USB memory stick.	Olympus Medical Systems India Pvt Ltd	Should have the ability for software updates via USB memory stick/HDMI/Link	Amended as:- Generator:- Should have the ability for software updates via USB memory stick/HDMI/Link

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Sl. No.	Reference to the bidding document	Specification/Cause of the bidding documents	Name of firms	Queries/Clarification asked by firms	Recommendations/replies by the Committee
13	Page no. 51 Para A. Point no. 15	Should conform to the following international standards EN (IEC) 60601-1, EN (IEC) 60601-1-2, EN (IEC) 60601-2-2, EN (IEC) 60601-1-8 & System should be European CE approved with 4 digit notified body number and US FDA approved	Rohit Surgical Pvt. Ltd.	European CE approved with 4 digit notified body number or US FDA approved.	Amended as:- Quoted System should be European CE approved with 4 digit notified body number OR US FDA approved.
14	Page no. 51 Para A. Point no. 18	Generator:- Well-equipped Service Center, should be ISO certified	Olympus Medical Systems India Pvt Ltd	Kindly amend it as "Well-equipped service centre should present in India with trained OEM Engineers/Technicians Remarks - Olympus service center are well equipped having trained engineers	Amended as:- "Well-equipped service centre should be present in India with trained OEM Engineers/Technicians"
15	Page no. 52 Para C. Point no. 2	Accessories: Adapters for ultrasonic and radiofrequency instruments – 2 Nos	Olympus Medical Systems India Pvt Ltd	Kindly amend it as Adapters for ultrasonic and radio frequency instruments (if required) Remarks - Not required for Olympus Thunderbeat system	Amended as:- Accessories: Adapters for ultrasonic and radiofrequency instruments – 2 Nos (if required)
16			Rohit Surgical Pvt. Ltd.	Should be optional, if required then should be quoted.	
17	Page no. 52 Para C. Point no. 3	Accessories: Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries – 2 Nos each.	Rohit Surgical Pvt. Ltd.	If separate transducer for open and lap then it should be 1 each and total 2 no's	Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries – 3 Nos each.
18	Page no. 52 Para C. Point no. 4	Accessories: RF energy 5mm Lap ar d open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter 35 cm with 3mm curved tip and 5 mm straight tip with active articulation of 55 degree each side using articulation wheel and 360 degree knob rotation – 5 Nos each	Olympus Medical Systems India Pvt Ltd	Kindly delete 55 degree articulation Remarks - This is company specific	Amended as:- Accessories: RF energy 5mm Lap and open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter, 35 cm with 3mm curved tip and 5 mm straight tip, 360 deg knob rotation – 15 Nos each
19			Rohit Surgical Pvt. Ltd.	We would request as this feature is specific to one make, so it should be deleted i.e. " with active articulation of 55 degree each side using articulation wheel and 360 degree knob rotation"	

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Sl. No.	Reference to the bidding document	Specification, Clause of the bidding documents	Name of firms	Queries/Clarification asked by firms	Recommendations/replies by the Committee
20	Page no. 52 Para C.5	Accessories: Ultrasonic 5mm Lap and open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm in diameter using three hand-activation buttons – Max, Min & Advanced Hemostasis, proprietary non-stick coated active blade to reduce tissue sticking, 36 cm shaft length with ergonomic handle – 5 Nos each	Olympus Medical Systems India Pvt Ltd	Kindly amend it as Ultrasonic/Integrated probes with 7mm vessel sealing	Amended as:- Ultrasonic/Integrated probes 5mm Lap and open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm (using ultrasonic/RF energy), 36 cm shaft length with ergonomic handle – 15 Nos each
21			Johnson & Johnson	Quantity requested – 1 No.	
22	Page no. 52	The bidder should quote prices of all the accessories and consumables separately and prices should be fixed for 5 years			Amended as: Bidder should quote prices of all consumable items for 10 years in prescribed price bid format
23					Added Para: Note: Quantity given in the BOQ for consumables, is for 10 years period for calculation of L1 ranking. (1st year consumables quantity is already included in equipment BOQ & separate BOQ given for quoting consumables price from 2nd to 10th year) However order shall be placed only for one year and subsequent year order may be placed as and when required basis.
24	Page 52 BOQ Sl.no.3	Adapters for ultrasonic and radiofrequency instruments - 2 Nos.	Rohit Surgical Pvt. Ltd.	Should be optional	Amended as: Adapters for ultrasonic and radiofrequency instruments – 2 Nos (if required)
25	Page 52 BOQ sl.no.4	Reusable Monopolar cable and bipolar cables for connecting to Lap instruments	Johnson & Johnson	Request You to remove this point since it is not with our Combined ultrasonic cutting & coagulation device with advanced Radio-Frequency energy and also not required for the function of ultrasonic and advance RF energy.	Amended as:- DELETED





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26	Page 52 BOQ sl.no.5	Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries - 2 nos. each	Rohit Surgical Pvt. Ltd.	One each, total two no's	Amended as:- Hand piece/ Transducer compatible with various hand instruments used in open and laparoscopic surgeries - 3 nos. each
27	Page 52 BOQ sl.no.6	RF energy 5mm Lap and open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter, 35 cm with 3mm curved tip and 5 mm straight tip with active articulation of 55 degree each side using articulation wheel and 360 degree knob rotation - 5 nos. each	Rohit Surgical Pvt. Ltd.	We would request as this feature is specific to one make, so it should be deleted i.e. "with active articulation of 55 degree each side using articulation wheel and 360 degree knob rotation" should be deleted	Amended as:- RF energy 5mm Lap and open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter, 35 cm with 3mm curved tip and 5 mm straight tip - 15 nos. each
28			Johnson & Johnson	Quantity requested - 1 No.	
29	Page 52 BOQ sl.no.7	Ultrasonic 5mm Lap and open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm in diameter using three hand-activation buttons - Max, Min & Advanced Hemostasis, proprietary non-stick coated active blade to reduce tissue sticking, 36 cm shaft length with ergonomic handle - 5 nos. each			Amended as:- Ultrasonic/Integrated probes 5mm Lap and open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm (using ultrasonic/RF energy), 36 cm shaft length with ergonomic handle - 15 Nos each

BOQ for Consumables for Combined ultrasonic cutting & coagulation device with advanced Radio-Frequency energy

Price of consumables in INR till consignee site but exclusive of GST

S.No.	Name of the Item	Quantity per Year	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year	10th year
1	Hand piece/Transducer compatible with various hand instruments used in open surgeries	3 nos.										
2	Hand piece/Transducer compatible with various hand instruments used in laparoscopic surgery as	3 nos.										
3	RF energy 5mm Lap. Hand Activated probe capable of sealing blood vessels upto 7mm in diameter, 35 cm with 3mm curved tip and 5 mm straight tip	15 nos.										
4	RF energy 5mm open Hand Activated probe capable of sealing blood vessels upto 7mm in diameter, 35 cm with 3mm curved tip and 5 mm straight tip	15 nos.										
5	Ultrasonic/Integrated probes 5mm Lap. Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm (using ultrasonic/RF energy), 36 cm shaft length with ergonomic handle	15 nos.										
6	Ultrasonic/Integrated probes 5mm open Hand Activated Curved Coagulating Shear with next generation adaptive tissue technology which gives regulated power delivery for improved thermal management and audible feedback tone for greater surgical efficiency, capable of sealing blood vessels upto 7mm (using ultrasonic/RF energy), 36 cm shaft length with ergonomic handle	15 nos.										

