KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
Thycaud P.O, Thiruvananthapuram - 14, Kerala.
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CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	Electro Surgical Unit with Vessel Sealing System for General Surgery, Urology & Gynaecology
Running Contract Valid Till	07-05-2028
Tender Ref No	KMSCL/EP/T568(R)/620/2025
Tendered Quantity	25
Supplier Name	M/s India Medtronic Pvt Ltd
GST No	32AAACI4227Q1ZH
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	**Contact Details**	
1261/Solitaire Corporate Park Building No 12/6th Floor Andheri Ghatkopar Link road East Andheri Mumbai.	Contact Person	Pradeep Kumar S G
	Phone	02233074700
	Mobile No	9884966277
	Email	s.g.pradeep.kumar@medtronic.com,krishnaprasanth.k@medtronic.com sumod.as@medtronic.com,mangaladharsini.lg@medtronic.com

Item-wise Price Details

#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	**Electro Surgical Unit with Vessel Sealing System for General Surgery, Urology & Gynaecology** *Model & Make : VLFT10GEN/ Medtronic Inc*	1968225 Incl.GST :5%	154833.7	2123058.7
2	**Disposable Laproscopic vessel sealing hand instrument for cutting and coagulation (5mm)**	51975 Incl.GST :5%	4088.7	56063.7
3	**Disposable open vessel sealing instrument (above 18 cm electrode length appx - Bigger Jaw)**	51975 Incl.GST :5%	4088.7	56063.7
4	**Disposable Laproscopic vessel sealing hand instrument for cutting and coagulation (10mm)**	40425 Incl.GST :5%	3180.1	43605.1

Item-wise Price Details				
5	**Dsposable 3 pin Monopolar lead(Pencil) with hand switch**	535.5 Incl.GST :5%	42.13	577.63
6	**Disposable Patient pads with return electrode monitoring**	493.5 Incl.GST :5%	38.82	532.32
7	**Bipolar forceps with cable (Reusable - Bionet type- with insulation - Total length 18-20cm)**	40425 Incl.GST :5%	3180.1	43605.1
		2154054	**169452.25**	**2323506.25**

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	**4th Year**	**5th Year**	**6th Year**	**7th Year**	**8th Year**	**9th Year**	**10th Year**
Electro Surgical Unit with Vessel Sealing System for General Surgery, Urology & Gynaecology							
Labour	51,772.00	55,914.00	60,387.00	65,218.00	70,435.00	76,070.00	82,156.00
Comprehensive	1,03,544.00	1,11,828.00	1,20,744.00	1,30,436.00	1,40,871.00	1,52,140.00	1,64,312.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).

2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.

3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.

4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).

5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Electro Surgical Unit with Vessel Sealing System for General Surgery, Urology & Gynaecology

1. The system should have monopolar cut & coagulation, bipolar and vessel sealing modes integrated into one unit
2. The equipment should have microprocessor based device incorporating closed loop control for all output modes
3. The equipment should incorporate tissue sensing technology on real time basis and it should have the technology to convert electrical energy to radio frequency energy thus providing radio frequency seal. It should identify the tissue type and adjust power accordingly to get desired surgical effect on various tissue types
4. Should have bipolar saline resection facility
5. Low frequency leakage as per IEC standards.
6. Should have following alert tones:
    a. Patient pad monitoring error alert
    b. Reactive and regrasp/ improper regrasp error alert
    c. Instrument checking alert
    d. Complete and incomplete seal alert separately, distinguishable audible alarm

    e. Malfunctioning/system error alert
7. The equipment should have maximum power efficiency ranging from 90 - 100% in each modes
8. Monopolar cutting should have atleast two cutting modes
    a. Pure cut for clean precise cut, maximum power 300W or above
    b. Blend for cutting with haemostasis, maximum power – 200 to 300 W
9. Monopolar coagulation should have atleast two coagulation modes
    a. Fulguration or equivalent mode for efficient non-contact coagulation with maximum power 120 W
    b. Spray mode should have varying amplitude & frequency for coagulating large tissue areas with minimum depth of necrosis
10. System should be integrated with all necessary modes of instruments for various surgical procedures
11. Should have twin monopolar sockets with independent power setting. System should have one universal adapter for foot switch operation & one bipolar socket
12. Should have recall facility to recall last setting of user
13. Should be compatible with argon machine.
14. Should have auto bipolar start and stops where users can set the auto - start delay time and auto - stop impedance function.
15. Should have digital indication for power setting, touch screen/ touch panel display for monopolar, bipolar & vessel sealing technology.
16. Vessel sealing system should have user control mechanism so that surgeon can decide for a repeat seal before actually cutting it or even not cutting it (No auto cut)
17. The system should be able to seal vessels or tissue bundles preferably within 2 to 4 seconds.
18. Vessel sealing system should be able to seal artery, veins up to 7mm, sealed vessels should withstand up to 3 times the systolic blood pressure
19. Thermal spread or collateral tissue damage should be minimal
20. Should have patient plate monitoring facility & should give audio - visual alarm & deactivate output if contact between patient & patient plate is not proper to eliminate risk of patient burns
21. Should have on screen review of error codes & diagnostics
22. Should be light weight and portable
23. Equipment should not have RF leakage more than 150mA
24. Accessories –
    a. Individual/ combo foot switches for monopolar, bipolar & vessel sealing
    b. Universal adaptor for single lead monopolar electrode
    c. Laparoscopic vessel sealing hand instrument for cutting and coag 5 mm(Disposable), shall be provided – 2Nos each
    d. Disposable Open vessel sealing instrument (15-18cm electrode length appx - Smaller jaw) – 1 No.
    e. Disposable open vessel sealing instrument (above 18 cm electrode length appx - Bigger Jaw)- 1 No
    f. Bipolar forceps with cable (Reusable - Bionet type- with insulation - Total length 18-20cm) - 1 No
    g. 3 pin Monopolar lead(Pencil)with hand switch - 50nos
    h. Patient pads with return electrode monitoring - 50nos
25. Rate per unit of disposable Laparoscopic vessel sealing hand instrument for cutting and coagulation shall be quoted separately which will be taken for evaluation.
26. The rate for reusable Laparoscopic vessel sealing and cutting hand instrument for cutting and coagulation shall also be quoted separately, if available which will not be taken for evaluation.
27. Laproscopic instruments should be compatible with 5mm port
28. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)/ STQC CB Certificate/ STQC S Certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/ test report shall be produced along with the technical bid.
29. Should work with input 200 to 240Vac 50 Hz supply
30. Laparoscopic vessel sealing hand instrument for cutting and coag 10 mm, shall be provided if available. The rate may be offered in the BOQ and which will not be taken for evaluation.
31. Reusable open vessel sealing instrument (above 18 cm electrode length appx - Bigger Jaw)- 1 No shall be provided if available. The rate may be offered in the BOQ and which will not be taken for evaluation