



Date: 06-07-2023

**Corrigendum**

Global Tender AIIMS/R/CS/CRDO/1/23/GTE, date: 10-06-2023.  
Ref. No.:  
Tender ID No.: 2023\_IMSRP\_748457\_2  
Tender Name : Global tender enquiry for supply and installation of Radiofrequency Generator with Integrated Vessel Sealing and Cutting System for Department of Cardiology of AIIMS Raipur

**Existing Technical Specifications:**

**Technical Specifications:**

**300 Watt Electrosurgical Units with Monopolar and Bipolar-**

1. Electrosurgical diathermy system, general purpose.
2. Microprocessor controlled 300 watt electrosurgical unit.
3. It should have progressively/increasing or decreasing Hf output power value in 1-watt steps.
4. There should be two sided neutral electrode plate for patient control system with remote function (PCs) which continually monitors the neutral electrode for proper application
5. The unit should have self-testing facility for trouble shooting. Should have LCD display/Digital display and alarm functions with Focused view of current active mode.
6. Visual and audible alarms during activation.
7. Facility to store 10 different programs.
8. Facility to store up to 10 recently occurred error messages.
9. One bipolar and one monopolar output.
10. Should have power control to maintain constant power levels during coagulation and devitalization.
11. Should have voltage control for gentle, reproducible cutting and coagulation.
12. Should have bipolar coagulation facility with auto start facility.
13. Automatic control of output power according to tissue resistance.
14. Monopolar CUT maximum output 300 watt and Monopolar coagulation max output 200 watt
15. Bipolar coagulation and cut- 1 to 120 watt.
16. Should have one universal socket for each Monopolar, Bipolar and Neutral electrodes.
17. Should have bipolar cut mode (Bipolar cutting with all the advantages provided by voltage regulation in 8 predetermined cutting qualities).
18. Should have swift coagulation mode (Effective and fast coagulation with pronounced hemostasis that is also suitable for exposure).
19. Should have auto stop function in bipolar (the auto stop function interrupts the current flow as soon as the tissue is optimally desiccated).
20. Should have continuous patient monitoring for neutral electrode.
21. Auto diagnostic on switching on and during working to continuously monitor all parameters.
22. Automatic stoppage of output in the case of malfunctioning acoustic and visual signal with display of error code.

23. Programmable memory for out setting.
24. Simultaneous access to 2-monopolar output by 2 or more users.
25. Should be usable with endoscopic monopolar and bipolar instrument.
- 26. It should be supplied with following accessories:-**
  1. System should be supplied with single use (100 nos.) neutral electrode for adults along with cable for neutral electrode and fixation device wherever required.
  2. Reusable and sterilization (5 nos) and disposable electrode handle with finger switch (50 nos) with cable.
  3. Set of electrodes (flat tip short, flat tip long and Pin point- 5 nos each) with electrode container with holder.
  4. Tip cleaner 5 nos.
  5. Bipolar forceps with cable (straight and bayonet) 5 nos each.
  6. Two pedal foot switch for monopolar- 1 no.
  7. Single pedal foot switch for bipolar- 1 no.
  8. Reusable hand switch pencil- 10 nos and disposable silicon patient plate with connecting cable- 50 nos.
  9. Electrosurgical- Single use two button hand switch pencil- 50 nos.
  10. System should be supplied with paediatric patient plate (50 nos.)
  11. **All the instruments should be BIS/ISO/European CE/US FDA approved and single parent company.**
  12. **5-years warranty and 5 years CMC.**

**Technical Specifications to be read as:**

**Technical specifications**

**300 Watt Electrosurgical Units with Monopolar and Bipolar.**

1. Electrosurgical diathermy system, general purpose.
2. Microprocessor controlled 300 watt electrosurgical unit.
3. It should have progressively/increasing or decreasing Hf output power value in 1-watt steps.
4. There should be two sided neutral electrode plate for patient control system with remote function (PCs) which continually monitors the neutral electrode for proper application
5. The unit should have self-testing facility for trouble shooting. Should have LCD display/Digital display and alarm functions with Focused view of current active mode.
6. Visual and audible alarms during activation.
7. Facility to store 10 different programs.
8. Facility to store up to 10 recently occurred error messages.
9. One bipolar and one monopolar output.
10. Should have power control to maintain constant power levels during coagulation and devitalization.
11. Should have voltage control for gentle, reproducible cutting and coagulation.
12. Should have bipolar coagulation facility with auto start facility.
13. Automatic control of output power according to tissue resistance.
14. Monopolar CUT output range 1-300 watt and Monopolar coagulation output range 1-200 watt
15. Bipolar coagulation and/or cut- 1 to 120 watt.
16. Should have one universal socket for each Monopolar, Bipolar and Neutral electrodes.
17. Should have bipolar cut and/or coagulation mode (Bipolar cutting with all the advantages provided by voltage regulation in 8 predetermined cutting qualities).
18. Should have auto stop function in bipolar (the auto stop function interrupts the current

- flow as soon as the tissue is optimally desiccated).
19. Should have continuous patient monitoring for neutral electrode.
  20. Auto diagnostic on switching on and during working to continuously monitor all parameters.
  21. Automatic stoppage of output in the case of malfunctioning acoustic and visual signal with display of error code.
  22. Programmable memory for out setting.
  23. Simultaneous access to 2-monopolar output by 2 or more users.
  24. Should be usable with endoscopic monopolar and bipolar instrument.
  25. **It should be supplied with following accessories:-**
    1. System should be supplied with single use (100 nos.) neutral electrode for adults along with cable for neutral electrode and fixation device wherever required.
    2. System should be supplied with single use pediatric patient plate (50 nos.).
    3. Set of electrodes (flat tip short, flat tip long and Pin point- 5 nos each) with electrode container with holder.
    4. Tip cleaner 5 nos.
    5. Bipolar forceps with cable (straight and bayonet) 5 nos each.
    6. Two pedal foot switch for monopolar- 1 no.
    7. Single pedal foot switch for bipolar- 1 no.
    8. Electrosurgical- Single use two button hand switch pencil- 100 nos.
    9. **All the instruments should be BIS/ISO/European CE/US FDA approved and single OEM.**
  26. **5-years warranty and 5 years CMC.**

Sr. No.	NIT Clause No.	Existing sentence	To be read as
1	Page No. 2	Bid Submission End Date: 08-07-2023, 03.00PM	Bid Submission End Date: 15-07-2023, 03.00PM
2		Bid Opening Date: 10-07-2023, 03.30PM	Bid Opening Date: 17-07-2023, 03.30PM

*Note: All other terms & Conditions will remain unchanged.*

Sr. Proc. cum Stores Officer,  
AIIMS, Raipur (C.G.)