



**GURU GOBIND SINGH MEDICAL COLLEGE, FARIDKOT. (PUNJAB)- 151203**  
**(Constituent Medical College of Baba Farid University of Health Sciences, Faridkot)**  
**E-mail: [procurement@ggsmch.org](mailto:procurement@ggsmch.org) Website: [www.ggsmch.org](http://www.ggsmch.org)**

No. Purchase/GGS/2023/- 28530

Date: 20/11/23

**Sub: Quotation for Supply and installation of Electric Cautary Machine(small) required at Department of Plastic Surgery, GGS Medical College & Hospital, Faridkot.**

Sealed quotations are invited for supply and installation of **Electric Cautary Machine(small)** on terms & conditions given as under.

| Sr. No. | Name of the Item                | Specifications    | Make/Brand/Guarantee/warranty | Required Quantity | Amount (in Rs.) including installation |
|---------|---------------------------------|-------------------|-------------------------------|-------------------|--|
| 1.      | Electric Cautary Machine(small) | Attached herewith | To be filled by the bidder    | 01                |  |


**Terms & Conditions:**

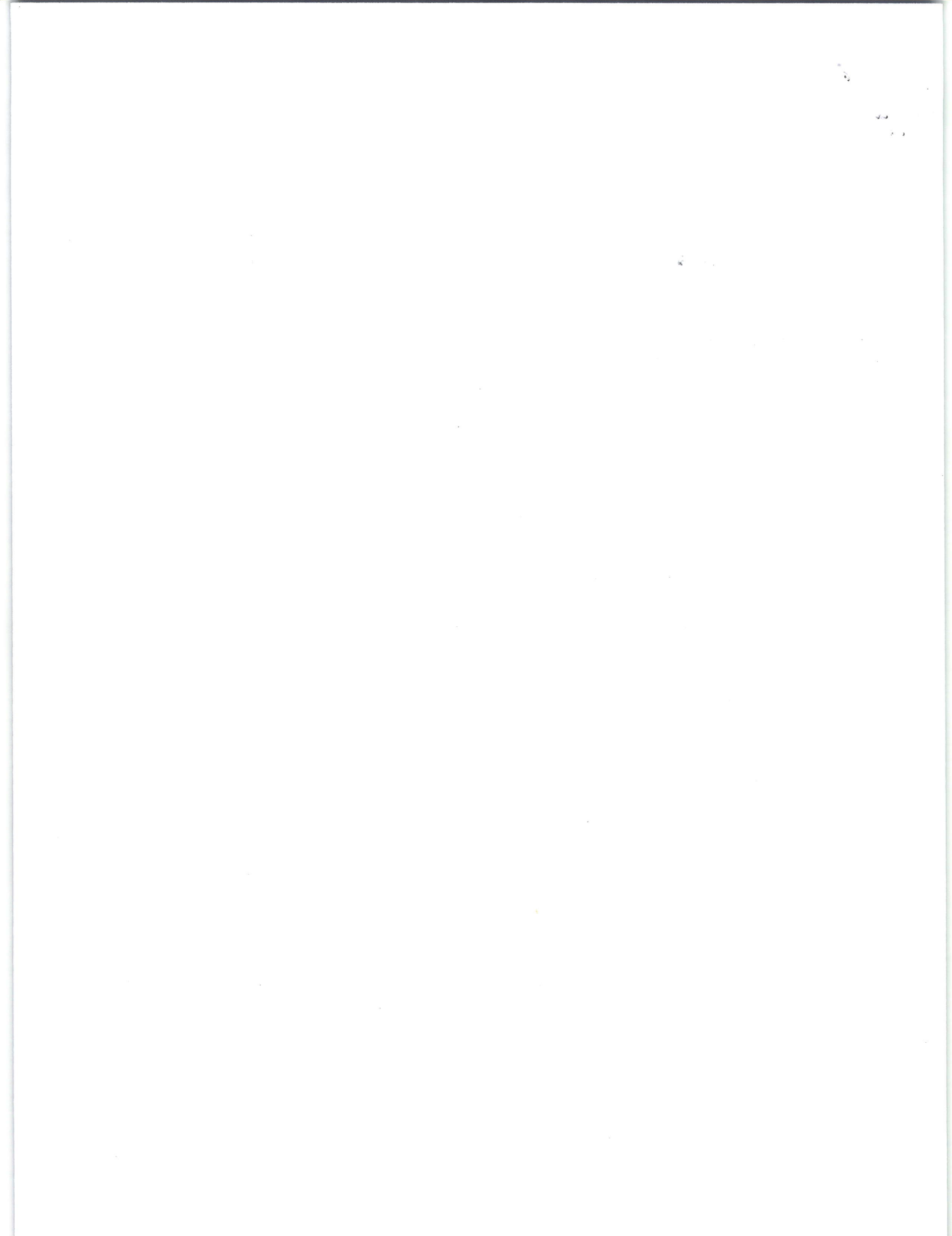
1. The material should be good quality and according to the requirement.
2. The material should meet standards in Quality and as per required. Make/ Brand and Specifications should be mentioned clearly.
3. Supply should be F.O.R. destination at Store G.G.S. Medical College & Hospital, Faridkot.
4. Rates quoted should not be more than those quoted to DGS&D and any other central or State Govt. Organizations.
5. Payment will be made after getting satisfactory report from the concerned department.
6. Supply of the item is to be made within 30 days from the date of issue of the supply order. If the supply is not made within the stipulated periods then late delivery charges @2% will be imposed on the total amount up to delay of 30 days and thereafter @4% for another 30 days. In case the goods are not supplied, the competent authority will take action as deemed fit.
7. Taxes should be clearly mentioned separately.
8. Guarantee/Warranty should be clearly mentioned.
9. Validity of Rates:- 90 days from the last date of receipt of Quotations.

**Note: Only Terms & Conditions mentioned on this Quotation will be considered for supply order.**

You are requested to send your lowest bid in sealed envelope, addressed to The PRINCIPAL, G.G.S Medical College, FARIDKOT super scribing "QUOTATION" for " **Electric Cautary Machine(small)** and Quotation no..... date....." on the top of the Envelope.

Last Date for receipt of Quotation /Tender in Principal Office is 08/12/2023 by 5.00p.m. through Registered/ Speed Post/Trackable Courier Only.

  
Principal



## **Surgical Electric Diathermy unit**

### **Justification:**

Electric Cautery is used for cutting tissues by bloodless method using electrical energy delivered in a controlled manner to a surgical area and also for control of bleeding from surgical surfaces.

### **Specifications:**

1. It should be of manufactured by international manufacturer of long-standing reputation and high reliability.
2. Working on 220Volts mains power output; Should be able to withhold a range of 208-264 volts (at rated load).
3. Digital display with push button.
4. Digital wattage indicators for bipolar and monopolar( Cut and Coagulation)
5. The Unit should have provision for 2 unipolar ports as well as bipolar energy delivery.
6. Footswitch for control of bipolar cautery.
7. Standard hand controlled cautery pencils should be usable.
8. The unit should have facility to use monopolar and bipolar function without switch over.
9. It should have provision for disposable or reusable patient return electrode.
10. Three bipolar modes including precise, standard and macro.
11. Three cut modes, all controlled by instant response technology,
  - a. Low cut for delicate tissue
  - b. Pure cut for clean, precise cut
  - c. Blend for cutting with homeostasis
12. Coagulation modes:
  - a. Desiccate for low voltage contact coagulation suitable for delicate tissue work.
  - b. High crest factor for efficient non-contact coagulation.
  - c. Low crest factor for lower voltage coagulation in requirements.
  - d. Spray for coagulating large tissue areas with superficial depth of necrosis.
13. Power delivered remains virtually constant, regardless of the tissue type.
14. Good performance at lower power setting minimizes the risk of tissue damage and neuromuscular stimulation.
15. Spray coagulation voltage of no more than 9000 volts peak-to-peak output for board, but superficial coagulation with limited capacitive coupling.
16. Power efficiency rating of approximately 98 or more for cut performance.
17. System compatible with other devices, including :
  - a. Argon coagulation system
  - b. Ultrasonic surgical aspirators
  - c. Smoke evacuator
  - d. Bipolar current monitor
18. Unit should have isolated monopolar and bipolar outputs.





19. Unit should have split type patient plate contact monitoring System for maximum patient safety (Unit should not be deliver power until and unless maximum area of the patient plate is not covered to completely minimize the risk' of H. F. burns)
20. Time-out facility to prevent accidental activation
21. Warranty period of atleast 5 years
22. It should follow international safety standards and should have CE certification/USFDA approval
23. Accessories required:
  - A. Bipolar forceps(1)
  - B. Reusable patient plate(2)
  - C. Monopolar pencil(2)
  - D. Bipolar foot switch(1)

A handwritten signature in blue ink, consisting of a stylized 'K' followed by a flourish.

