



Ref: OW/EM/Mucor/2024/58

Date: 30.07.2024

**(QUOTATION NOTICE)**

Request for E-Market Survey for submission of Price Quotation for “Supply of Radiofrequency analyzer for dental implant with Articulator” for Department of Dentistry at AIIMS, Raipur under GFR-2017, Rule-155.

**NOTICE INVITING PRICE QUOTATION UNDER GFR-2017, RULE-155**


Sealed quotations are invited from intending registered Stockiest/ Distributors having GST/ relevant documents for above said. The quotation should be submitted to the Ground Floor, C Block, Department of Dentistry, Gate No 04, AIIMS Raipur up to **10.08.2024** before **3:00 pm**. The quotations will be opened on the same day at **03:30 pm**. detailed specifications of items are as under:

Sl. No	Item of Description	Qty.	Make/ Model	HSN Code	UnitPrice (₹)	GST	Unit Rate with GST	Total Price
01	Radio frequency analyzer for dental implant with Articulator	1						

**Terms and Condition**

1. Rate should be mentioned in words & figure both.
2. Taxes/GST ,if any(Kindly mention in above table)
3. Delivery schedule: within 04 Weeks from the date of issue of P.O. Delivery period:
4. No additional documents related to this NIQ will be entertained after opening of NIQ.
5. Prices should be FOR Destination basis (i.e. Department of Dentistry), AIIMS Raipur).
6. LD @ 0.5% of delayed supply per week or part thereof for delay of supply of material subject to maximum up to 10% should be deducted. After expiry of delivery period material cannot be accepted without extension of delivery period.
7. Quotation No/Name and due date of opening must be written on top of envelop.
8. GST rates applicable on your quoted item may please be confirmed. **HSN code for item should be clearly mentioned.**
9. Any change (Upward/Reduction) in the Basic Price structure post submission of bid shall be promptly intimated to AIIMS Raipur. You are also required to pass the Input Credit as per the following **Anti Profiteering Clause of GST**. “Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices”.
10. The GST registration details may be furnished.
11. RTGS details required for payment purpose.
12. 100% payment against receipt and acceptance of material.
13. No part payment will be entertained.
14. Validity of offer should not be less than 90days.

15. Supply, installation and commissioning will be done by firm (if applicable).
16. The firm must provide a demo of the item in the Department of Dentistry. Failure to perform satisfactorily in the demo will result in the rejection of the item.
17. The quantity in above column is totally tentative .It can be increased or decreased at the time of placement of order.
18. AIIMS, Raipur reserve the right to place the order for full or part quantity to one or more firms.
19. The product should be of superior quality and highly standard.



**Principal Investigator  
AIIMS Raipur (C.G)**

Specifications of Radiofrequency analyzer for dental implants as mentioned below:

**Technical Specifications: Radiofrequency Analyzer for Dental Implants**

**1. Functionality:**

- Determines implant stability in vivo (within the body)
- Non-invasive and objective measurement
- Should Provide results in seconds.

**2. Measurement Mechanism:**

- Measures the resonance frequency of a connected "smart peg" attached to the implant.
- Resonance frequency reflects the implant's micro-mobility.

**3. Advantages over Percussion Techniques:**

- Avoids potential damage to the implant or surrounding tissues.
- Offers greater accuracy and sensitivity.
- Provides a quantitative measurement.

**4. Technical Specifications**

- Power source: Lithium-ion battery 3.7 V, 0.8 Ah.
- Charging with supplied USB cable to a type A outlet.
- Instrument size: 210mm x 35mm x 25mm.
- Package size: 273mm x 138mm x 75mm.
- Instrument weight: 0.07kg.
- Gross weight: 0.75kg.

**5. Additional Specifications:**

- Frequency range: 10 kHz to 1 MHz
- Measurement parameters:
  - Implant Stability Quotient (ISQ)
  - Bone quality
  - Damping factor
- Probe design:
  - Sterilizable tip
  - (Optional) Multiple contact points
- Display and data storage:
  - Clear and easy-to-read display
  - Data storage capabilities

**5. Intended Use:**

- Assessment of implant stability for various clinical applications, including:
  - Managing patients with risk factors
  - Optimizing treatment times
  - Predicting treatment outcomes
  - Monitoring osseointegration progress

**6. Supply of Articulator with the Radio frequency Analyzer**

Semi adjustable articulator with Spring Face bow

Wide-View Semi-Adjustable Articulator  
Hanau™ Wide-View Articulator

**1. Should have**

- a. Progressive side shift: 0-30°
- b. Protrusive angle: -20-+60°



**प्रो. (डॉ.) संतोष राव**  
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- c. Should be complete with: orbitale indicator, dual-end incisal pin, 10 disposable mounting plates, instruction manual and carrying case. magnetic mounting plates (add on accessory).
  - d. Mounting Jig
  - e. 10 mounting plastic plates

2. Should be USFDA/ Indian BIS approved



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