



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, DEOGHAR

अखिल भारतीय आयुर्विज्ञान संस्थान, देवघर

INSTITUTE OF NATIONAL IMPORTANCE UNDER MINISTRY OF HEALTH AND FAMILY WELFARE

(स्वास्थ्य और परिवार कल्याण मंत्रालय के अधीन राष्ट्रीय महत्व का संस्थान)

Devipur campus, Ramsagar, Deoghar, (Jharkhand)-814152

देवीपुर परिसर, रामसागर, देवघर, झारखण्ड -814152

आरोग्यम् परमं सुखम्

Invitation of quotation
for
**Electronic Stimulator, Stimulus Isolator
& Recorder System**
for
Dept. of Physiology, AIIMS Deoghar

Reference No.: AIIMS/Deo/Physio/2024-25/391

Date of Issue: 05/04/2025

Last Date of Submission: 20/04/25 at 05:00PM.

All India Institute of Medical Sciences, Deoghar

Devipur campus, Ramsagar, Deoghar: 814152, Jharkhand Email:

lpc@aiimsdeoghar.edu.in

Invitation of quotation for Electronic Stimulator, Stimulus Isolator & Recorder System at AIIMS Deoghar

Sealed Quotations are invited on behalf of AIIMS, Deoghar for **Electronic Stimulator, Stimulus Isolator & Recorder System** required for the Institute as per terms & conditions mentioned below. The filled quotations along with the entire required document must reach in the office of the undersigned on or before **20/04/25 at 05:00 PM**. The **Envelope containing the quotation** must be sealed and **super scribed as under:-**

“QUOTATION FOR ELECTRONIC STIMULATOR, STIMULUS ISOLATOR & RECORDER SYSTEM AT AIIMS DEOGHAR FOR REFERENCE NO.: AIIMS/Deo/Physio/2024-25/391 DUE ON 20/04/25 at 05.00 PM”

The Quotation should be send to the address:-

LPC Chairperson
AIIMS Deoghar Devipur Campus,
Academic Block, LPC Office
Dept. of Anatomy, First Floor
Ramsagar, Deoghar, Jharkhand-814152.

1. Terms & Conditions:

- a) The quotations received **after this deadline or unsealed shall not be entertained** under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offer submitted by Fax / email shall not be considered and no correspondence will be entertained in this matter.
- b) Quotations must be in the **enclosed prescribed Performa (Annexure -2) on the letter head of the firm duly signed** by the Proprietor/ Partner/ Director or their authorized representative, In case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation.
- c) The supplier should supply all the equipments/items along with its accessories.
- d) Rates must be quoted in Indian rupees.
- e) Rates must be inclusive of all charges (including Freight charges, Insurance, installation, taxes etc.).
- f) **No overwriting or cutting** is permitted in the rate. If found, the quotation shall be summarily rejected.
- g) The **rates quoted must be valid for 180 days minimum from the date of opening of the quotation** and silence of any tendered on this issue shall be treated as agreed with this condition.
- h) **Total cost/amount will be taken in consideration for L1.** Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
- i) The firm/agency may satisfy the following conditions and **attach self-attested copy of the same with the quotation:**
 - The firm shall have valid GST/Other taxes and IT PAN.
 - The firm should not be blacklisted by any Government agency/Department.

- Purchase order of any government institute./ Undertaking on rupees 10 affidavit that the mentioned items has not been supplied by the vendor below the quoted rates to any institute or anybody
- j) Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and it will be rejected accordingly. Any conditional quotation shall be rejected summarily.
- k) **Delivery Period**- within **20 days** from Purchase order.
- l) **Liquidated Damage**: - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- m) **Payment Terms**: Payment will be only after satisfactorily delivery/ commissioning of material and after inspection by the AIIMS Deoghar.
- n) **Disputes**: -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Deoghar with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to arbitrator appointed by The Executive Director, AIIMS, Deoghar, whose decision will be final and binding upon the contractor.
- o) AIIMS, Deoghar reserves the right to increase or decrease quantity. Decision of Quantity of items in the AIIMS, Deoghar will be final in this regard.
- p) AIIMS, Deoghar reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of The Executive Director, AIIMS, Deoghar, will be final in this regard.
- q) The envelope containing quotation should be sealed with WAX/TAPE on both sides. The quotation received after due date will not be accepted.
- r) Procurement will be as per rule **GFR-155** of Government of India.

Encl.: Annexure 1 (Specification)

Annexure 2 (Format of price bid)

Ref. No: AIIMS/Deo/Physio/2024-25/391

Sl. No.	Name of items	Specifications	Required Quantity
1	Electronic Stimulator, Stimulus Isolator & Recorder System	<p>Technical Specifications</p> <ul style="list-style-type: none"> • The system should have the four components, i.e. stimulator, isolation unit for stimulation, average, a Digital Recorder and with graphical output facility & print out facility. • The system should be able to record electromyography/ECG/EOG/EEGevoked potentials (motors, somatosensory, visual and auditory), monosynaptic reflexes from rats, mice and rabbits. • Digital Data Acquisition system should have inbuilt human safe Stimulation unit capable of delivering square wave pulse of user defined parameters, Voltage range 0-10V, pulse duration range 50- 200microsec, frequency range 0-100Hz, Current range 0-50mA, Integrated and synchronised with software for humans.It should take incoming signals and converts them into digital signals that can be processed with the computer. • Hand held Stimulating electrode material: Stainless steel; Diameter: 5-8 mm; Spacing: 2.54 cm • Accessories : Electrodes set • Number of inputs 4 channels with inbuilt dual channel Bio Amplifiers. • High resolution 16 Bits. • Data Sampling frequency more than 200 KHz and linked to the computer through high speed USB2 port. • User friendly software for recording, analysing and printing the data, the software should allow calibration of transducers, display of actual values, controllable gain, filter settings, baseline setting for event marking and annotation. It should be capable of measuring time interval between user selected points, display of data value at user selected point, editing of the records and re-annotation. • It should be capable of displaying data in scope mode and chart mode. It should allow calculation of rate, slope from raw channels in offline as well as online mode. • Real time (Online) data export to Excel and Matlab. • Necessary certificate for safe use for Human like IEC/CE/USFDA/BIS. • Manufacturer should have ISO certificate. • Mandatory demonstration and training. After-Sales Support: Reliable service, including setup, training, and technical support. <p>1)The stimulator should;</p> <p>a) Should be capable of directly stimulating the nerve in a live anesthetized animal through hook electrodes made of copper wire. A</p>	01 Set.

- b) Have single pulse and train stimulation modes
- c) Provide option of current or voltage stimulation
- d) Current Stimulation range of 1 μ A-100mA and Voltage stimulation range of 0.01- 50 V
- e) Provide Stimulation frequency from 0.01-1000 pulse per sec
- f) Provide Stimulation delay of 0.01-100 ms
- g) Provide Stimulation pulse duration of 0.01-100ms
- h) Be able to stimulate auditory and photic stimulation unit

2) The isolation unit should be separate from the stimulation unit and should have

- a) Input and output ports
- b) Different modes(voltage and Current with range in μ V-V and μ A-mA
- c) Allow fine adjustment for volts/Current
- d) Adjustment for anodal and cathodal stimulation
- e) 2-3 Isometric force transducer (0–500 g) which can be easily connected to the animal tissue.
- f) provision for dissection instruments, dissection boards, 10-g weights (2 in number for calibration purpose).

3) The average should be a separate unit and should

- a) Be able to average between 1 to 9999 pulses.
- b) Be Compatible with and have input/outputs for stimulator and recorder.
- c) Have the option for manual calibration
- d) Have reset and read out option

4) Digital Recorder and with graphical output facility & print out facility

- a) displays real time stimulation and response outputs.
- b) graphical output should be easily extractable as an image.
- c) should have the ability to demonstrate the following: Recording of simple muscle twitch, Quantal summation or multifiber summation, Effect of two successive stimulation, Complete and incomplete tetanus, Staircase phenomenon, Fatigue and recovery, Length-tension relationship.

Reference no: AIIMS/Deo/Physio/2024-25/391

Date:

[Letter head of firm]

PRICEBID FORM

To,
LPC Chairperson, AIIMS,
Deoghar. Jharkhand

Dear Sir,

I/We..... am/are submitting the quotation for Reference "QUOTATION FOR **ELECTRONIC STIMULATOR, STIMULUS ISOLATOR & RECORDER SYSTEM** AT AIIMS DEOGHAR FOR REFERENCE NO.: AIIMS/Deo/Physio/2024-25/391 DUE ON **20/04/25** at 05.00PM" For AIIMS Deoghar.

1. I/We have thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
2. I/We hereby offer to supply at the following rates:

S. no.	Name of Item with specification	Unit Price	GST %	Unit price With GST	Total Qty	Total cost
1						
2						
Total cost/ amount						
Total cost/amount(in words)						

Note:-

- The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be REJECTED.
- Catalog must be attached with quotation for technical evaluation.

Date:

(Name):

Place:

Name of Firm/Company/Agency:

GSTIN No.:

Phone No:

Email:

(Signature of Authorized Person) _____

Seal: _____