



**GLOBAL TENDER NOTIFICATION  
(Through e-procurement portal only)**

The Director, NIMHANS invites tender from eligible tenderers through the Karnataka Government E-Procurement portal for supply of following equipment's.

Sl. No.	Name of the Item	Quantity (in Nos.)	EMD (in )Rs.
1.	Electromyogram Amplifier for MRI environment	01	22,074/-
2.	MP160 system with AcqKnowledge-Windows or Mac includes 2 keys and HLT 100cc Software for acquisition and analysis	01	
3.	MRI Cable-Filter Set for Biopotential Amplifiers	01	
4.	Lead, 30 cm MRI Compatible	01	
5.	Electrode, Disp.MRI Compatible (Pkg 100)	01	
6.	Electrode, Radiotranslucent, Dry (Pkg 100)	01	

**Tender Schedule**

Downloading of Tender documents from website - <a href="https://eproc.karnataka.gov.in/eportal/index.seam">https://eproc.karnataka.gov.in/eportal/index.seam</a>	From 16.05.2019 Onwards
Last date for tender enquiry	23.05.2019 upto 11:00 AM
Tender submission last date and time	15.06.2019 upto 11:00 AM
Technical bid will be opened online by the authorized officer on	17.06.2019 at 11:00 AM

Sd/-, Director

**TENDER DOCUMENT**

**Terms and conditions**

1. The bid documents should be uploaded in E-Procurement portal only on or before the **due date**.
2. The tender bid should be valid for **four months** from the due date. **NIMHANS, Bengaluru will not take any responsibility for any technical issues.**
3. **Earnest Money Deposit (EMD):**
  - 3.1. The (EMD) shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:
    - a. Credit Card.
    - b. Direct Debit.
    - c. Net Banking
    - d. National Electronic Funds Transfer (NEFT)
  - 3.2. The EMD shall not bear any interest and will be refunded to





- 6.2. Exchange rates for Foreign Currency will be considered as per the closing value on previous working day from website <https://rbi.org.in/scripts/ReferenceRateArchive.aspx> (only for GBP, EURO, USD & JPY) and for other currencies as per the decision of the Institute.
7. Successful tenderer decision will be made on the basis of base price +AMC/CMC price for Guarantee/warranty period (wherever applicable).
8. The tender bids (technical and price bid) should be typewritten; every correction in the tender should be initialed along with seal by the tenderer, failing which the tender will be rejected. All pages of the bid submitted must be signed along with seal and sequentially numbered by the tenderer.
- 9. Evaluation of Bids:-**  
The technical bid of the tenderer will be evaluated to determine whether
- a. They are complete with respect to specifications.
  - b. They are free from computational errors.
  - c. The requisite documents have been submitted and properly signed.
- 10. Tender Opening:**
- a. The Technical bids will be unlocked through E procurement portal in the Committee Room, Adjacent to Registrar Chamber, NIMHANS, Bengaluru on the date specified in presence of tenderers or their representatives who choose to attend.  
The Tenderers' or representatives who are present shall submit authorization letter along with copy of Photo id proof and shall sign a register evidencing their attendance.
  - b. The Financial bid of the technically qualified tenderer/s only will be opened on a notified date.  
NIMHANS will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid which could be viewed automatically by the respective technically qualified tenderers. In this regard no separate intimation shall be made by the Purchaser.
11. Equipment and its accessories should be covered with **minimum warranty period of 3 year** for normal or regular wear & tear from the date of complete installation (Ready to use in all respects). In case of software's, the validity of the license key should be clearly mentioned and should have user define provision with option to switch over from one system to other system of the same kind within the validity period.
- 12. Software Updates:**  
The selected firm for the supply of tendered item should provide free updates of software up to 05 year from the date of complete installation.
13. Supply of spares should be guaranteed for a minimum period of 10 years from the date of supply or from the date of cessation of production of the model for 10 years, whichever is later, at the rates prevailing against payment.
14. Any modification or revision of bids after submission will not be entertained under any circumstances. Conditions such as “subject to the availability of stocks”, supplies will be made as and when supplies received from the principles etc., will not be considered under any circumstances.



15. A tenderer having once given a tender bid shall not withdraw it after its acceptance/opening and if does, the EMD paid by the tenderer will be forfeited and the tenderer is liable to make good the loss sustained.
16. If required, the tenderer should demonstrate the quoted model of the equipment at the institute during the technical evaluation, failing which their bid/offer shall be rejected. The tenderer will be intimated that they should get ready for demonstration. No request for extending time for demonstration will be entertained. Failure to demonstrate, their offer will be rejected.
17. The tenderer should supply the circuit diagram and instruction manual of the tendered equipment/s at the time of supply of the equipment.
18. Necessary training / instructions on operation of the system should be given by the qualified engineers of the tenderer firm to NIMHANS technical staff/s at free of cost after completion of the installation.
19. The successful tenderer should immediately submit an acceptance letter duly signed and sealed for the rate/s and offers agreed by both the parties to the Head of the Institution within reasonable time on receipt of the Purchase Order (Agreement Specimen will be enclosed with Purchase order & Stamp duty to be paid by the tenderer). The successful tenderer should also furnish a Bank guarantee only from a Nationalized bank to the extent of 10% of the total purchase order value, valid for 60 days beyond the completion of the warranty period of the equipment, no split period bank guarantee will be entertained.  
In the event of the successful tenderer failed to supply the item/execute the agreement/submit the Bank Guarantee the EMD deposited by them shall stands forfeited.

**20. Payment terms:**

- 18.1 Payment will be made only after good working condition of the equipment certified by the end user. NO ADVANCE PAYMENT WILL BE ENTERTAINED.
- 18.2 In case of foreign payments made by Letter of Credit (LC) or wire transfer, bank incidental charges within India will be borne by the Institute and outside of India should be borne by tenderer.
- 18.3 Any amendment or extension of LC sought by the tenderer thereafter should be borne by the tenderer.

**21. Uptime Guarantee:**

Penalty Clause for non-functioning of equipment in term of hardship to the patients and financial loss to institute: 95% up time of 365 days (24 hours a day) that is from the day of successful handing over of the whole complex. The company takes the responsibility for the functioning of all the components and equipment, including the third party items supplied and included in the project. The total downtime annually for any reason/involvement of any of the components cannot exceed 5% (all inclusive). No penalty will be levied for the first 24 hours after breakdown. Subsequently, 1.00 Lakh will be levied as penalty for every 24 hours of downtime until 7 days from the day of breakdown. If downtime exceeds 7 days the penalty will be 2.00 Lakh/day from the date on which the equipment broke down. In addition to this, warranty period will be extended at double the rate of the downtime period.





**DECLARATION**  
**(TO BE UPLOADED BY THE TENDERER)**

Sl. No. of the Item :.....  
Name of the company (tenderer) :.....

To

The Director,  
National Institute of Mental Health & Neuro Sciences  
(Institute of National Importance)  
Post Box No. 2900,  
Hosur Road, Bengaluru – 560 029

Dear Sir,

1. I/We hereby submit my/our tender bid for the .....
2. I/We have remitted the application fee and EMD of ` ..... through Credit Card/Direct Debit/Net Banking/National Electronic Funds Transfer (NEFT).
3. I/We have gone through all terms and conditions of the tender documents before submitting the same.
4. I/We hereby agree to all the terms and conditions, stipulated by the NIMHANS, in this connection including delivery, Installation, Warranty, Penalty etc. All relevant documents and Technical bid are uploaded as per the tender terms and conditions. Any violation in uploading the documents, my/our tender bid may be disqualified.
5. Financial bid is quoted as per tender terms and conditions clause no. 6, failing which it will be presumed that the rates are door delivery price.
6. Tender bids are duly signed (No thumb impression should be affixed).
7. I/We undertake to sign the contract/agreement, if required, within reasonable time from the date of issue of the letter of acceptance, failing which our/my security money deposited may be forfeited and our/my name may be removed from the list of suppliers at the NIMHANS, Bengaluru.

**Yours faithfully,**

**Signature of Tenderer & seal**



**CHECK LIST**  
**(TO BE UPLOADED BY THE TENDERER)**

1	Name & Address of the tenderer		
2	Name & Address of the Manufacturer		
3	Name of the Equipment & Model Quoted		
4	Validity of the Quotation	4 months from the due date	
5	a. Installation Period b. Warranty Period	30 Days from the date of site handover 3 Years from the date of successful installation	
6	Technical Bid (Yes or No against each item)	a. Application Fee submitted	
		b. EMD enclosed submitted	
		c. Brochure/Catalogue & Data Sheet enclosed	
		d. Manufacturer Proprietary certificate enclosed	
		e. Pre requirements details enclosed	
		f. List of users enclosed	
		g. Copy of GST, PAN, TIN document	
		h. Distributor authorization letter	
		i. Non-blacklisting certification enclosed	
		j. Declaration enclosed	
7	Financial Bid Submitted (Yes or No against item a & b, currency symbol against item c)	a. Ex-Nimhans equipment cost quoted	
		b. CMC cost for 5 years after 3 years warranty	
		c. Currency in which financial bid is quoted	
8	Training provided (Yes or No)		
9	a. Whether after sales, service is available in Bengaluru? If yes, quote		
	b. What is the arrangement for post contract / Warranty monitoring of the equipment?		
10	What is the Agency commission payable? If applicable		
11	Details of the EMD Submitted	Transaction No..... for `..... Bank name:	
12	Any Other Information (Enclose separately in letter head – Yes/No)		

Signature of Tenderer & seal

## Specifications for MRI Compatible EMG Amplifier

### **EEG100C-MRI**

Gain:	50000 Normal, Alpha wave indicator 35 Hz, 100 Hz
Output selection: Low	
Pass Filter: High Pass	0.1 Hz, 1.0 Hz
Filter: Notch Interference	50 dB rejection @ 50/60
Filter:	Hz 0.1 pV (rms)
Noise Voltage (0.1-35 Hz):	2 Mohm (Differential)
Zin:	1000 Mohm (Common mode)
CMRR:	110 dB min (50/60 Hz)
Common Mode Input Voltage Range:	±10 V (referenced to amplifier ground) *1500 VDC (referenced to mains ground) 110 V (analog)
Output Range:	
Input Voltage Range:	
Gain	it
5000	*2 mV
10000	*1 mV
20000	*0.5 mV
50000	*0.2 mV

Maximum Over-Voltage for Differential Input: \*25 V

Input Connectors: Five 1.5 mm male Touch proof sockets (VIN+, Gnd, VIN., 2 of shield)

Subject Interface: EL508 MR Conditional and Radio Translucent electrodes and LEAD108 Series MR Conditional and Radio Translucent leads

Hardware Interlace: MECMRI-BIOP to MP1601150 System

### **EMG100C-MRI**

Gain:	500, 1000, 2000, 5000
Low Pass Filter:	500 Hz. 5000 Hz
High Pass Filter:	1.0 Hz, 10 Hz, 100 Hz
Notch Interference Filter:	50 dB rejection to 50/60 Hz
Noise Voltage (10-500 Hz):	0.2 pV (rms)
Zin:	2 Mohm (Differential), 1000 Mohm (Common mode)
CMRR:	110 dB min (50/60 Hz)
Common Mode Input Voltage Range:	*10 V (referenced to amplifier ground) 11500 VDC (referenced to mains ground)
Output Range	+10 V (analog)



Input Voltage Range	Gain $V_{in}$ (mV)	
	500	*20
	1000	*10
	2000	*5
	5000	*2

Maximum Over-Voltage for Differential Input: +25 V

Input Connectors: Five 1.5 mm male Touch proof sockets (VIN+, Gnd. VIN-, 2 of shield)

Subject Interface: EL508 MR Conditional and Radio Translucent electrodes and  
LEAD108 Series MR Conditional and Radio Translucent leads

Hardware Interlace: MECMRI-BIOP to MP160/150 System