

Amendment to Notice Inviting Tender

**Supply of transcranial electrical stimulation
devices for monkeys and humans**

Tender No. CNS/IISC/GTE-01

GTE Approval no. IISc-GTE-2021-111

**Indian Institute of Science
Bangalore – 560012**

2021-22

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SECTION 1 – BID SCHEDULE

1	Tender No	CNS/IISC/GTE-01
2	Tender Date	13 Dec 2021
3	Item Description	Two transcranial electrical stimulation (tES) devices for monkeys and humans
4	Tender Type	Two Bid System a) Technical Bid (Part-A) b) Commercial Bid (Part-B)
5	Place of Submission and tender opening	Centre for Neuroscience, Indian Institute of Science, Bangalore-560012 India
6	Last Date & Time for submission of tender	3 Jan 2021 (Extended deadline)
7	Date of opening of technical bids	Will be decided by the committee
8	Tender Fees	NIL
9	For further clarifications	Email: sray@iisc.ac.in , sridhar@iisc.ac.in

SECTION 2 – ELIGIBILITY CRITERIA

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Prequalification criteria:

- 1. Vendor should have well established own establishment (Enclose Company Registration Certificate)**
- 2. The vendor should have a good track record of having previously supplied similar equipment's in India (Self-declaration – Annexure 3)**
- 3. It is desirable for the vendor to have qualified technical service personnel for the instrument based in Bengaluru.**
- 4. It is desirable for the vendor to have executed at least one order of similar instrument in India in the last 2 years. (Provide copy of Purchase orders – Annexure 2)**
- 5. The Vendor should not be currently blacklisted by any institution, bank in India or abroad (Self Declaration-Annexure-4)**
- 6. The Vendor should accept tender terms & conditions (Annexure-5)**

SECTION 3 – TERMS AND CONDITIONS

Submission of Tender:

- 1. All documentations in the tender should be in English**
- 2. Tender should be submitted in two envelopes (two bid system)**

Technical Bid (Part-A) – Technical bid consisting of all technical details along with commercial terms and conditions; and

Commercial Bid (Part-B) – Indicating item wise price for the items mentioned in the technical bid

NO PRICING INFORMATION SHOULD BE MENTIONED IN THE TECHNICAL BID (PART-A).

Superscripting on both the envelopes the tender number and the due date and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscripted with the Tender No & Due Date.

3. The SEALED COVER superscripting Tender number / due date & should reach the undersigned on or before the due date mentioned in the tender notice. If the due date happens to be a holiday the tender will be accepted and opened on the next working day.

If the quotation cover is not sealed, it will be rejected.

4. All communications are to be addressed to the undersigned only

5. Quoting of Price (s): PRICE QUOTED SHOULD BE IN MULTI CURRENCY

6. Excise Duty (ED)/ GST/ other taxes, levies, like Service Tax (ST), Education cess, etc., are to be indicated separately. Domestic vendors should mention Central and State GST Registration and PAN in the tender. Foreign vendors should provide appropriate equivalent Tax documents.

7. If Price is not quoted in Commercial Bid as provided in Tender document then, the bid is liable to be rejected.

8. The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without thereby incurring any liability to the affected vendor or vendors or any obligation to inform the affected vendor or vendors.

9. If the foreign vendor is represented, by their Indian representatives, the foreign vendor has to submit a certificate about their relationship with the Indian firm.

10. Incomplete bids will be summarily rejected.

Cancellation of Tender:

Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject lowest tender or any other tender or all the tenders.**
- b. To accept any tender in full or in part.**
- c. To reject the tender offer not confirming to the tender terms.**

Validity of The Offer: 90 Days from the date of opening of the technical bid.

Evaluation of offer

- 1. The technical bid (Part A) will be opened first and evaluated.**
- 2. Vendors meeting the required criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.**
- 3. Pre-qualification of the vendors shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during Technical evaluation or during Commercial evaluation. The decision in regard to acceptance and/or rejection of any offer in part or full shall be the sole discretion of IISc, and the decision in this regard shall be binding on the vendors.**
- 4. The award of contract will be subject to acceptance of the terms and conditions stated in this tender.**
- 5. Offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:**
 - a. Non-submission of complete offers.**
 - b. Receipt of bids after due date and time and or by email / fax (unless specified otherwise).**
 - c. Receipt of bids in open conditions.**
- 6. In case any VENDOR is silent on any clauses mentioned in these tender documents, IISc Bangalore shall construe that the VENDOR had accepted the clauses as of the tender and no further claim will be entertained.**
- 7. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.**
- 8. Lowest bid will be calculated based on the total price of all items tendered, except items explicitly listed under Optional Items/Accessories.**

Prerequisite requirements:

In case of supply of equipment/instrument, you will have to intimate well in advance the prerequisite installation requirement of the goods so that the same is kept ready well in advance for installation.

Mode of Shipment:

The consignment must be air-lifted, insured and transported to the installation site by the supplier.

Customs clearance:

The Centre will furnish the necessary papers for the import of items into India, necessary custom duty exemption certificate and other supporting documents to facilitate the import of the items.

Warranty:

The complete system is to be under a warranty period of 2 years including free supply of spare parts and labor from the date of functional installation. If the instrument is found to be defective, it has to be replaced or rectified at the cost of the supplier within 10 days from the date of receipt of written communications from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended. vendors will be responsible for the proper functioning of the instruments during the warranty period.

Extended Warranty:

The manufacturer should provide 5 years of extended warranty (including parts and labor) after completion of standard warranty.

Purchase Order:

1. The order will be placed on the vendor whose bid is accepted by IISc based on the terms & conditions mentioned in the tender.
2. The quantity of the items in tender is only indicative. IISc reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc reserves the right to cancel or amend the contract.

Delivery and Installation:

The system should be delivered within 30 days and installed and demonstrated (without any extra charges) within 60 days of the date of receipt of the confirmed purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and inspection of all the items and features/capabilities tested

by the centre. After successful installation and inspection, the date of taking over the entire system by the centre shall be taken as the start of the warranty period.

Statutory Variation:

Any statutory increase in the taxes and duties subsequent to suppliers offer if it takes place within the original contractual delivery date will be to IISc account subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc.

Disputes and Jurisdiction:

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore.

General:

1. All amendments, time extensions, clarifications, etc., within the period of submission of the tender, will be uploaded on the IISc website only and will not be published in newspapers. Vendors should regularly visit the above website to keep themselves updated. No extension in the bid due date/time shall be considered on account of delay in receipt of any document by mail
2. The vendor may furnish any additional information, which they think is necessary to establish their capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
3. The vendor may visit the site before submission of tender, with prior intimation.
4. All imported equipment should be quoted in the currency of the country of origin, and all locally sourced items should be quoted in Indian Rupees.
5. Any information furnished by the vendor found to be incorrect either immediately or at a later date, would render them liable to be debarred from tendering/taking up of work in IISc Bangalore.

Address

Centre for Neuroscience,
Indian Institute of Science,
Bangalore – 560012, India

Section – 4 – Technical Specifications

The technical proposal should contain a compliance table beside the technical specifications listed in the description section below.

The compliance table should include all the items and in the same order. The first column should describe your compliance in a “Yes” or “No” response. If “No,” the second column should state the extent of the deviation. The “third” column should state the reasons for the deviation, if any. The fourth column can be used to compare your solution with that of your competitors or provide details as requested in the technical requirements table below.

	Description	Specifications
1.	Two transcranial electrical stimulation (tES) devices	<ul style="list-style-type: none"> - To be used for non-invasive brain stimulation in both humans and monkeys with the goal of comparing the effects of stimulation between humans and monkeys. - The systems will be used on human subjects while recording EEG and MRI, and hence needs to be MRI compatible. In addition, it should be compatible with monkeys while recording using microelectrodes. - Having the same system is needed to allow having similar processing pipelines and better comparison of results. - Should be able to perform direct current, alternating current and random noise stimulation
Basic Technical Specifications		
2.		Should be able to stimulate through at least 16 channels.
3.		Should provide a maximum frequency of 5,000 Hz.
4.		Should provide ability for interferential stimulation, if needed.
5.		Should have a frequency resolution of at least 0.1 Hz.
6.		Should allow configurable <i>current</i> and <i>waveform</i> delivery from each channel.
7.		Should provide associated software/API that is Matlab compatible.
8.		Should provide at least 3mA maximum current per channel with 10mA total.
9.		Upon disconnection of electrode(s) should have the ability to automatically resume the session once the contact quality is improved.

10.		Must be able to pair with existing research-grade EEG systems (EGI, Biosemi, BrainProducts).
11.		Must be able to integrate with EEG, Dry EEG, fNIRS, MEG, and MRI.
12.		Company must have an established record of previous installations of human tES-fMRI and monkey applications.
13.		Software capable of providing focality specific and intensity specific electrode configuration for stimulation (1 license).

The vendor is requested to divide the full quote into two sections, since they will be processed as two separate POs.

QUOTE 1: Monkey Setup

Essential: tES Device, with above mentioned technical specifications, with all standard accessories such as Caps, electrodes, holders.

Optional items (Mention unit price):

- i) Monkey Cap, head bands etc.
- ii) Software capable of providing focality specific and intensity specific electrode configuration for stimulation
- iii) Hybrid electrode holders (tES + EEG)

QUOTE 2: Human Setup

Essential: tES Device, with above mentioned technical specifications, with all standard accessories such as Caps, electrodes, holders.

Optional items (Mention unit price) for MRI integration with Siemens Prisma 3T scanner:

All relevant accessories for performing tES inside the MRI scanner, including:

- i) MR compatible caps
- ii) MR compatible electrodes
- iii) MR compatible electrode holders for tES
- iv) MR compatible electrode holders for simultaneous tES + EEG*
- v) Cabling for routing tES stimulation between MR gantry and console room
- vi) All requisite RF filters
- vii) Other relevant MR compatible accessories

*Note that tES electrodes do not need to be able to record EEG. Rather electrode holders that are MR compatible need to be provided that will enable simultaneous tES-EEG with existing EEG setups in our labs (EGI, Biosemi, BrainProducts).

The above-mentioned technical specifications are highly desired. However, lower technical specifications may be considered if the above-mentioned specifications are found to be unsuitable on financial terms. The Institute reserves the right to go for lower specifications taking into consideration its financial constraints and technical preferences.

Section 5: Technical Bid

The technical bid should furnish all requirements of the tender along with all annexure in this section and submitted to

Tender No: CNS/IISC/GTE-01

Dated: 10 Dec 2021

Supply of transcranial electrical stimulation devices for monkeys and humans

**Centre for Neuroscience,
Indian Institute of Science,
Bangalore – 560012, India**

Annexure-1:

Details of the Vendor

The vendor must provide the following mandatory information & attach supporting documents wherever mentioned:

1 Name of the vendor:

**2 Nature of vendor (Pvt Ltd or Public Ltd Co/Partnership firm etc.)
(Attach attested copy of Certificate of Incorporation/ Partnership Deed)**

**3 Registration No/ Trade License,
(If any attach copy)**

4 Registered Office Address

5 Address for Communication

6 Contract person Name Designation

7 Telephone No

8 Email ID & Website

9 PAN No. (attach copy)

10 GST No. (attach copy)

11 Service Tax registration No. (attach copy)

13 Earnest Money Deposit Details **NIL**

14 Tender Cost **NIL**

(Signature of the Vendor)

**Printed Name
Designation, Seal**

Date:

Annexure-2:

Past Purchase Orders

Details of the Purchase Orders executed during the last two years 2019-20 & 2020-2021

Provide the following details for each order:

Order Number and date

Items Value

Name of Organization

Contact Person Name and Designation

Contact Details with Email

Date of Completion

Enclose copy of purchase order

(Signature of the vendor)

Printed Name

Designation, Seal

Date:

Annexure-3:

**Ref: Tender No: XXXXX,
Dated: XXX**

Declaration Regarding Experience

**Supply and installation of Two
transcranial electrical
stimulation (tES) devices for
monkeys and humans**

**To,
Centre for Neuroscience,
Indian Institute of Science
Bangalore – 560012, India
Contact No: 080 22933371**

Sir,

I've carefully gone through the Terms & Conditions contained in the above-referred tender. I hereby declare that my company / firm has more than five years of experience in supplying and installing transcranial electrical stimulation (tES) devices for monkeys and humans to Central/State Govt. universities / research institutes.

(Signature of the vendor)

Printed Name

Designation, Seal

Date:

**Annexure-4:
Declaration Regarding Clean Track by Vendor**

To,

**Centre for Neuroscience
Indian Institute of Science,
Bangalore – 560012, India**

**Ref: Tender No: XXXXXXXX
Dated: XXXXX**

Supply and installation of Two transcranial electrical stimulation (tES) devices for monkeys and humans

Sir,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm is not currently debarred / blacklisted by any Government / Semi Government Organizations / Institutions in India or abroad. I further certify that I'm competent officer in my company / firm to make this declaration.

Or

I declare the following:

Country in which the company is debarred/blacklisted / case is pending:

Blacklisted / debarred by Government / Semi Government/Organizations /Institutions:

Reason Since when and for how long:

(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding Period for which the company / firm was blacklisted and the reason/s for the same)

**Yours faithfully
(Signature of the Vendor)
Printed Name
Designation, Seal**

Date:

Annexure – 5:

Declaration of Acceptance of Terms and Conditions

**To,
Centre for Neuroscience
Indian Institute of Science,
Bangalore – 560012, India**

Ref: Tender No:

Dated:

Supply and installation of Two transcranial electrical stimulation (tES) devices for monkeys and humans

**Sir,
I've carefully gone through the Terms & Conditions as mentioned in the above referred RFP document. I declare that all the provisions of this RFP are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.**

**Yours faithfully,
(Signature of the vendor)
Printed Name
Designation, Seal**

Date:

Annexure – 6:

Details of items quoted:

Company Name:

Product Name:

Part / Catalog number:

Product description / main features:

Detailed technical specifications:

Remarks:

Instructions to vendors:

- 1. Vendor should provide technical specifications of the quoted product/s in detail.**
- 2. Vendor should attach product brochures along with technical bid.**
- 3. Vendor should clearly indicate which of the technical specifications (key specifications or desirable specifications) they are able to meet or otherwise, IISc may ask for clarifications or further information.**

Section 6: COMMERCIAL BID

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned under:

Tender No:

Dated:

Supply and installation of Two transcranial electrical stimulation (tES) devices for monkeys and humans

S. No:	Description	Catalog Number	Quantity	Unit price	Subtotal
1	Instrument				
2	Accessories				
3	Extended warranty				
4	Cost of Insurance and Airfreight				
5	CIP Bengaluru International airport				

Addressed to:
Centre for Neuroscience,
Indian Institute of Science,
Bangalore – 560012, India

SECTION 7 – CHECK LIST

(This should be enclosed in the Envelop A)

The following items must be checked before the Bid is submitted:

1. Envelope “A”: Technical Bid

a) Section 5 Technical Bid (each page duly sealed and signed by the authorized signatory)

Annexure 1: Vendor details

Annexure 2: Details of purchase orders

Annexure 3: Declaration regarding experience

Annexure 4: Declaration regarding clean track

Annexure 5: Declaration for acceptance of tender terms and conditions

Annexure 6: Details of items quoted

b) Copy of this tender document duly sealed and signed by the authorized signatory on every page.

c) Checklist

2. Envelop “B”: Commercial Bid

Section 6: Commercial Bid:

Your quotation must be submitted in two envelopes Technical Bid (Envelope A) and Commercial Bid (Envelope B) superscribing on both the envelopes the Tender no. and due date and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed with our Tender No. & Due Date.