

THIS DOCUMENT IS FOR REFERENCE ONLY. ONLY E-QUOTATIONS WILL BE ACCEPTED



**DR B R AMBEDKAR NATIONAL INSTITUTE OF
TECHNOLOGY, JALANDHAR**
G T Road By Pass, Jalandhar-144011, Punjab (India)
Tel: 0181-2690301- 453 EPABX Fax: 2690320, 2690932
E-mail: registrar@nitj.ac.in

e-Quotation NOTICE NITJ/PUR-I/e-Quotation/01/2017

National Institute of Technology, Jalandhar invites e-Quotation for purchase of Emotiv Wireless EEG Acquisition System with Accessories and Empatica E4 Wristband for Physiological Signal Equations required by Emerging Technologies Lab of Electronics & Communication Engineering Department as per details given below:

Sr. No.	Name of the Equipment	Qty.	Place where to install	Estimated Cost (in Rs.)
1	Emotiv Wireless EEG Acquisition System with Accessories	01	Emerging Technologies Lab of ECE Deptt.	Rs.2,90,000/-
2.	Empatica E4 Wristband for Physiological Signal Equations	01	Emerging Technologies Lab of ECE Deptt.	Rs. 99,000/-

I	Downloading of e-Quotation document	Start Date: 10.04.2017 at 10.00 A.M. End Date : 25.04.2017 at 05.00 P.M.
II	Date of submission of e-quotation	Start Date: 10.04.2017 at 10.00 A.M. End Date : 25.04.2017 at 05.00 P.M.
III	Opening of Quotation (online)	26.04.2017 at 11:00 A.M.

Detailed Terms and Conditions are available in e-quotation document. The document can be downloaded from the institute website www.nitj.ac.in and www.tenderwizard.com/NITJ. Complete quotation document& specification is also available for reference purposes on Institute website www.nitj.ac.in.

Only e-quotation will be accepted. Any further detail/clarification, the bidders may contact Mr. Vijay Kumar on behalf of M/S ITI Limited on Mobile no.8146699878 or email vijay@etenderwizard.com.

Registrar



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IMPORTANT NOTE

1. All corrigenda, addenda, amendments and clarifications to e-Quotation will be hosted in the website www.nitj.ac.in, and not in the newspaper, Quottee shall keep themselves updated with all such developments.
2. In case the last date of receipt/ opening of Quotation falls on holiday, the quotation shall be receipt/opened on the following working day at same time.
3. Quotation who have downloaded the quotation document form from the institute website shall submit a declaration along with quotation that I/we have downloaded the quotation form from the Institute website www.nitj.ac.in and I/we have not tempered/modified the quotation form in any manner. In case, if the same is found to be tempered/modified in any manner, I/we understand that my/our quotation will be summarily rejected and we are liable to be banned from doing business with institute.



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INSTRUCTIONS TO BIDDERS REGARDING e-QUOTATION

1. **No quotation will be accepted in physical form.** The quotee shall have to submit their quotation online in Electronic Format under Digital Signatures. For participation in the e-quotation process, the quotee need to register themselves on www.tenderwizard.com/NITJ. On registration, they will be provided with a user ID and a system generated password enabling them to submit their quotation online using Digital System Certificates (DSC). **The Annual Registration fee and processing fee towards M/S ITI Limited is to be paid by the quotee.**
2. Quotation without Digital Signatures will not be accepted by the electronic quotation system. Director, NIT Jalandhar will not be responsible for any delay in online submission of **quotation** due to any reason whatsoever.
3. While submission of on line quotations, quotee must ensure that scanned copies of all the necessary documents duly signed and stamped have been uploaded with the quotation.
4. The conditional **quotation** shall not be considered and will be out rightly rejected.
5. The quotes are required to upload self-attested copies of the relevant documents required as per Terms & Conditions, failing which their **quotation** may be rejected and will not be considered.

TERMS AND CONDITIONS OF THE Quotation

1. The last date and time for receipt of **quotation** is **25.04.2017 upto 05.00 P.M.** through e-quotation only. Quotations in any other form will not be accepted.
 2. Name, complete address of the bidder/Quotee with telephone No., Fax No. & Email.

 3. Location of Head office with complete address, with telephone No. Fax No. and Email.

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4. The supplier must mentioned VAT No./Sale tax no. /Service Tax no./ PAN No./ TDS No. / TIN No. (where applicable).
5. Tele fax /E-mail and other incomplete offer will not be considered.
6. Rates should be quoted in Indian Rupees & FOR NIT, Jalandhar and excluding taxes. Sales tax/any other chargeable taxes must be specifically mentioned failing which no tax/duty will be allowed at the subsequent stage. It will be termed as inclusive of all taxes.
7. All quotations will be deemed to be FOR NIT, Jalandhar unless otherwise specified and should include packing and forwarding charges.
8. The tenderer should clearly indicate the delivery period and validity period of the offer.
9. The tenderer should clearly indicate the delivery period and validity period of the offer.
10. **Illustrated literature and catalogue must be furnished along with quotation.** (where applicable).
11. Instructional materials and **e-manuals** will be uploaded by the supplier free of cost.(where applicable).
12. The supplier must intimated whether he is manufacturer, dealer or supplier. In case of supplier or dealer the authorization from the manufacturer is required and copy of the same must be enclosed with the quotation (where applicable).



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13. The successful supplier has to submit an amount of @2% of the total value of the offer in shape of bank guarantee/EMD upto the period of warranty period of the item before releasing of balance 10% payment **(for item which costs more than Rs. 1 Lac individually).**
14. **The make/model must be specified. Detailed Warranty period of the item mentioned. The after sales service policy on expiry of warranty may also be clarified and address of the sales service center be intimated.(where applicable)**
15. It may be stated clearly whether the items quoted are available in stock. If not the minimum period of supply of goods be indicated.
16. Inspection of goods will be carried out by the consignee or the Inspection Committee at the destination and rejected goods will have to be removed within 10 days from the date of dispatch of advice from the indenting officer, failing which the quote shall be responsible for the loss.
17. The rejected goods must be replaced/lifted within 15 days of the dispatch of advice by the indenting officer or a registered notice, failing which indenting officer will be entitled to make arrangements of its disposal without any further reference.
18. If there is any dispute/doubt, the decision of the Director, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar shall be final.

The quantity of required items may vary as per requirement
19. All disputes are subject to Jalandhar Jurisdiction.
20. Details of training and the cost if any in the institute be intimated.



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21. **90% payment will be released against physical delivery, inspection and installation of the equipment and balance 10% payment shall be released within 20 days after having the inspection and installation report of the item/material. Execution of the complete work as per specification of the supply order and their installation and working.**
22. No advance payment or payment against performa invoice will be made. Payment will be made after receipt, installation and testing of items, to the satisfaction of the authorized representative(s) of the Director.
23. Penalty: The Director of the institute shall have the power to impose penalty upto 5% of the value of the order if the supply is not executed within the stipulated/extended period.

Acceptance

We _____ accept the above terms & conditions and shall comply with them strictly.

Name of Bidder _____

Signature

Address _____

Seal of firm :

_____ Date :



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Specifications: -

a) Emotiv Wireless EEG Acquisition System with Accessories

S.No.	Item	Quantity
1	EMOTIV EPOC+ 14 Channel Mobile EEG	2
2	EMOTIV Insight 5 Channel Mobile EEG	2
3	EMOTIV EPOC+ Hydrator Pack	2
4	USB Receiver Universal Model	2
5	EPOC Felt Sensors	2
6	Rubber Comfort Pads	15
7	EMOTIV Insight Sensor Tips	1
8	EMOTIV Pure• EEG Raw EEG Software	1
9	EMOTIV Brain Activity Map (Application)	1
10	Emotiv 3D Brain Activity Map - Standard Edition (Application)	1
11	EMOTIV Unity 3D Support Pack (Application)	1

Detailed Specifications: -

a.1) EMOTIV EPOC+ 14 Channel Mobile EEG and EMOTIV Insight 5 Channel Mobile EEG

Specification	EPOC+	Insight
SENSOR COUNT	14+2 references	5 channels
SENSORS	AF3, AF4, F3, F4, FC5, FC6, F7, F8, T7, T8, P7, P8, O1, O2	AF3, AF4, T7, T8, Pz
REFERENCES	Left/Right Mastoid Process / Alt P3-P4	2 references: In the CMS/DRL noise cancellation configuration
SAMPLE RATE	2048 internal, filtered and downsampled to 128 or 256 per sec per channel	128 samples per second per channel

FREQUENCY RESPONSE	0.16 - 43 Hz	1-43Hz
SENSOR TECHNOLOGY	Saline soaked felt pads	
MONITOR SENSOR	9 axis sensor (3x gyro, 3x accelerometer, 3x magnetometer)	
CONNECTIVITY	Proprietary 2.4GHz wireless (custom USB receiver)	Proprietary 2.4GHz wireless (custom USB receiver)
INTERNAL POWER	Li-poly battery, 680 mAh, >12 hours using custom wireless; >6 hours using Bluetooth Smart (depending on resolution chosen)	Battery: Internal Lithium Polymer battery 480mAh
SUPPORTED PLATFORMS	Windows XP, Vista, 7, 8, Linux (Ubuntu, Fedora), Max OS X, Android 4+	Windows XP, Vista, 7, 8, Linux (Ubuntu, Fedora), Max OS X, Android 4+
AVAILABILITY OF RAW EEG DATA	Yes	No
SDK LICENCE TYPE	Non-Profit/Education License for Windows	Non-Profit/Education License for Windows

a.2) EMOTIV EPOC+ Hydrator Pack

A complete sensor kit including an EPOC+ hydrator pack and 16 fully-assembled felt-based sensor assemblies with gold-plated contacts. Ideal for rapid change-over between users or when your sensors run dry.

a.3) USB Receiver Universal Model

Replacement USB receiver for EMOTIV EPOC+ and Insight Neuroheadsets.

a.4) EPOC Felt Sensors

Includes 160 replacement felt pieces and 2 replacement hydrator pads.

a.5) Rubber Comfort Pads

Pack of Two (2) replacement Rubber Comfort Pads.

a.6) EMOTIV Insight Sensor Tips

A set of 4 sensor tips. Replace every 6 months to ensure optimum contact quality.

a.7) EMOTIV Pure•EEG Raw EEG Software

Application for real-time display of the EMOTIV headset data stream, including EEG, contact quality, FFT, gyro, wireless packet acquisition/loss display, marker events, headset battery level. Includes 100 recordings per month with yearly subscription.

a.8) EMOTIV Brain Activity Map (Application)

Application to Monitor, visualize and adjust your brainwave activity in real time.

a.9) Emotiv 3D Brain Activity Map - Standard Edition (Application)

Application to Display, record and play back key brainwave bands.

a.10) EMOTIV Unity 3D Support Pack (Application)

This package contains a full Unity3D Wrapper for the Emotiv Emo Engine API.

b) Empatica E4 Wristband – Quantity - 1

Specification	E4 Wristband
SENSORS	PPG sensor EDA sensor Infrared thermopile 3-Axis accelerometer Real-time clock
BATTERY POWER SUPPLY	Charging time: <2 hours Battery Life in recording mode: >36 hours Battery Life in streaming mode: >20 hours Battery model: 260mAh Charging cycles: 500 Life expectancy: 2 years
WEIGHT	40 grams
SIZE	Max band circumference – 190 mm Min band circumference – 110 mm E4 Case length – 44 mm E4 Case width – 40 mm E4 Case height – 16 mm
CHARGER SIZE	Charger Length – 45 mm Charger Width – 44 mm Charger Height – 12 mm
MATERIALS	Band - polyurethane. Case: 70% polycarbonate + 30% glass fiber Lenses: polycarbonate Electrodes: silver (Ag) plated and stainless steel Charging terminals: gold (Au) plated
SUPPORTED PLATFORMS	Windows XP, Vista, 7, 8, Max OS X, Android version 4.4 (KitKat) or higher
USER- CONFIGURABLE OPTIONS	14 bit / 16 bit voltage resolution Enable/disable individual motion sensors (accelerometer, gyro, magnetometer) Enable/disable Motion sensor chip for extended operation Enable/disable wireless comms during USB/Extender operation, select preferred wireless mode External hardware trigger option (via Extender accessory) Data streaming to SD card (via Extender accessory)
SDK LICENCE TYPE	Windows



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FORMAT FOR THE SUBMISSION OF RATES – PRICE BID

(To be submitted online only))

Name of the Equipment /Item: _____

Name of the Manufacturer/supplier: _____

Make of the Equipment /Item: _____

Model Number: _____

Sl. No.	Description	Rate/Unit
1.	Cost of the Equipment /Item (FOR NIT)	
2.	VAT/CST	
3.	Warranty Period	
4.	Any other tax	
5.	Policy after sales service	
6	Delivery Period	

This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization.

It is hereby certified that we have understood the instructions to e quotation and also terms and conditions attached to the e quotation

Note:

- **Taxes and other levies, if any are to be clearly specified in the bid.**
- **Insurance: Good should be insured upto delivery place i.e. Dr B R Ambedkar National Institute of Technology, Jalandhar.**

Signature & Seal of the Manufacturer/Supplier