



ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

**CENTRAL UNIVERSITY OF KARNATAKA**

*(Established by an Act of the Parliament in 2009)*

**kadganchi village Aland Road, Kalaburagi Dist-585311 Karnataka**

F.No. 2518/PUR/CUK/2014-15/

Date: 22.04.15

### **TENDER ENQUIRY**

The sealed Quotations under two Bid systems (Technical & Financial) are invited for supply and installation of **”Bio-Feedback and Neuro-Feedback System, Hardware, and software” as per Annexure- I (A&B)**. The interested firms may send their Tenders/proposals on the prescribed application along with the **Technical Bid (Annexure-II) & Financial Bid (Annexure-III) to the CENTRAL UNIVERSITY OF KARNATAKA, Kalaburagi** up to **12.05.15 by 14.00 p.m.** Tenders must be submitted in sealed cover and the envelope containing the same is to be marked as “Tender for Supply of **”BIO-FEEDBACK AND NEURO-FEEDBACK SYSTEM, HARDWARE, AND SOFTWARE”** and addressed to, **The Co-ordinator (Procurement), Central University of Karnataka, Kadganchi, Administration building ground floor, Kadganchi village Aland road, Kalburgi-585311** and not by name. The tender will be opened in the office of the undersigned at **15.00 hrs.** on **12.05.15** in the presence of all bidder.

The documents should be enclosed in separate envelopes of appropriate size each of which should be sealed.

- a) **ENVELOPE NO. 1:** Should contain (i) covering letter (ii) Technical Bid (Annexure – II duly signed and stamped and (iii) Requisite Fee (Processing fee and Earnest Money).
- b) **ENVELOPE NO. 2:** Should contain the Financial Bid duly signed, stamped and super-scribed as “Financial Bid Annexure – III”.
- c) **ENVELOPE NO. 3:** Should contain Envelope 1 and 2.

**Only such bids which are technically qualified will be opened for financial bidding.**

The tenders shall be submitted according to the terms and conditions specified in Annexure I (A). Unless specified otherwise in the tender, it shall be construed that the terms and conditions stipulated here under have been agreed to.

1. There should not be any over writing or corrections in the tender. If a figure is to be amended, it should be neatly scored out, the revised figure to be written above and the same be attested with full signature, seal and date. In the absence of the attested signature, the tender is liable to be rejected.
2. On acceptance of the tender, it will become a contract and the contractor shall be bound by the terms and conditions of the tender as specified in **Annexure-I.**

3. **A sum of Rs.50000/- (Rupees Fifty Thousand only) in the form of Demand Draft in the favour of Central University of Karnataka payable at Kalaburgi must be paid along with the tender as Earnest Money Deposit which is refundable without interest.**
4. If Tender Document is downloaded from the website: **www.cuk.ac.in**, tender document fee of **Rs. 500/-** is also to be enclosed in the form of **Demand Draft along with E.M.D**
5. The person/persons whose tender is accepted hereafter called the contractor shall deposit Security Deposit which shall be payable @10% of the total amount. The Earnest Money Deposited will be adjusted with the Security Deposit.
6. If the Supplier fails to supply the BIO-FEEDBACK AND NEURO-FEEDBACK SYSTEM, HARDWARE, AND SOFTWARE within the time stipulated in the Letter of Acceptance and supply order by the undersigned, the undersigned shall be at liberty to purchase the same items, from the market or get the rest of the contract completed by any other person or firm and the difference of the price, if any, shall be deducted from the earnest money/ security deposit and in case any amount in excess of the earnest money/security deposit is paid by the undersigned the contractor shall be liable to pay the loss incurred to **Central University of Karnataka, Kalaburagi**.
7. The quantity of BIO-FEEDBACK AND NEURO-FEEDBACK SYSTEM, HARDWARE, AND SOFTWARE indicated in the attached statement may be increased or decreased at the discretion of the undersigned without assigning any reason.
8. The amount of **security deposit** shall be retained by the Central University of Karnataka, Kalaburagi for a period of one year from the date of completion of supplies as a safeguard against any defect appearing in the items supplied within this period or the party can submit BG for the said amount.
9. The rates quoted by the contractor shall hold good up to **six months from the date of opening of tender**. No amendment in the rate except increase in the statutory levies if any, during the period of execution of the contract will be accepted.
10. The tenders that do not comply with the above conditions are liable to be rejected without any notice/intimation.

Station: Kalaburagi

Co-ordinator (Procurement)  
CENTRAL UNIVERSITY OF KARNATAKA  
Kalaburagi- 585 311.

## ANNEXURE –I (A)

### (i) Mandatory requirements

1. Bidders must be Original Manufacturers (OEM) or authorized dealers. Assemblers / Traders are not eligible to participate in the tender. The authorization letter from the manufacturer should be attached along with the tender.
2. The Company should be at least **03 years experienced** in supplying bio-feedback / neuro-feedback system, hardware, and software ”**systems in Laboratories** and turnover of the company should be at least **Fifty Lakhs cumulative for Three years**, audited balance sheet, with registration certificates to be enclosed.
3. The completion report with details of contact Person and the name of the Institution/University to be provided in the last one year calculated as on the date of opening of the bid.
4. The Bidder must submit their quote as per Annexure-I

### (ii) Terms and conditions

1. The Rates Quoted should be inclusive of all charges viz. packing, forwarding, local taxes, railway freight, transit insurance etc. and supply and installation at CUK, Kalaburgi.
2. The rates should be quoted for a single unit and also for the total quantity required by the University.
3. **L1** would be identified based on the cumulative total cost of all the bio-feedback and neuro-feedback system, hardware, and software”.
4. Losses or damages in transit will be to the account of the supplier. The supplier may if he so desires get the goods insured and include such charges in the tendered rate.
5. Quoting merely the lowest price does not confer any right to any bidder for award of supply order. The University’s Purchase Committee, reserves the right to select the said items of any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support & training, offer of additional / special features, Compatibility with the existing System, etc.
6. The payment for the ordered items would be made after the items have been received and found in order. Normally payment shall be made through a crossed cheque within 30 days of the receipt of goods to our entire satisfaction.
7. The undersigned is not bound to accept the lowest tender and may reject any tender or any part of the tender without assigning any reason thereof.
8. The price should be quoted on prescribed price schedule and must be sent in a properly sealed envelope.
9. The rates and units shall not be over written in the price schedule. The rates shall be

quoted both in figures and words. The Tender should be signed by the authorized signatory of the firm.

10. **The payment will be made on actual basis after receipt of bio-feedback and neuro-feedback system, hardware, and software” as per specifications attached at Annexure-I, Annexure-II & Annexure-III its installation with satisfactory working performance.** In case the bio-feedback and neuro-feedback system, hardware, and software” for Psychology Department are rejected, these have to be removed by the supplier at his own cost.

(a) The penalty Clause is as under:

- (b) Should the Bidder fail to deliver the items for Psychology Department within the period specified in the tender form, the University may, at its discretion, allow an extension in time subject to recovery from the bidder as agreed liquid damages, and not by way of penalty, a sum equal to the percentage of the value of order which the bidder has failed to supply for period of delay as stated below:-

- i. Delay up to one week: 1 %
- ii. Delay exceeding one week but not exceeding two weeks: 2%
- iii. Delay exceeding two week but not exceeding one month: 5%
- Iv Delay exceeding one month: 5% for each month & part thereof  
Subject to maximum 10%

© In case of failure to supply the bio-feedback and neuro-feedback system, hardware, and software” Instruments for Psychology Dept within the prescribed time and in accordance with the specifications given in the quotations, the University shall be free to cancel the order and make purchases form the next higher tenderer or from the open market as the case may be. In that case the loss sustained by the University shall be recovered from the defaulting supplier. The University will be at liberty to recover the loss from the payment of earnest money/or any other pending claims of the supplier without prejudice to its general right to effect recovery from the supplier.

11. No payment will be made in advance for any supplies under this tender. The valid documentary proof of **Authorised Distributorship/ Dealership**, Sales Tax, VAT/Service Tax Registration No. and details of Income Tax registration (PAN) should be submitted along with the quotation. The taxes must be quoted clearly and separately. If the taxes are not quoted separately, it will be presumed that the rates quoted are inclusive of taxes.
12. The University reserves the right to accept or reject any tender without assigning any reason.
13. The warranty period shall begin on the date the equipment is delivered to the Department of Psychology for a period of two years. Repair or replacement of any warranted part under the warranty provisions shall be performed at no charge to the Department of Psychology.
14. The University reserves the right to verify/seek confirmation of all original documentary evidence submitted by the vendors in support of the tenders, specifications for eligible criteria. In case any information furnished by vender is found false/incorrect the tender will be rejected.

15. Delivery and installation of the item within 4 weeks from the date of P.O.
16. The payment for the ordered items would be made after the items have been received and found in order. Normally payment shall be made through a crossed cheque within 30 days of the receipt of goods to our entire satisfaction.
17. Preference would be given to those bidding agencies that have their consulting professional services, implementation and support on the payrolls of the bidding company. Bidding agencies should have support infrastructure in India for the proposed solution. Preference would be given to those suppliers who are having their liasoning offices in INDIA for Technical & Application support.
18. Preference will be given to those system that will have maximum of the bio-neuro feedback options as well as EEG & ERP signal acquisition and analysis software (details mentioned above) in one integrated system. However, if such system is not available, separate systems may be considered, either for different bio-neuro feedback systems and/or EEG & ERP signal acquisition and analysis software, though higher channel systems would be given preference.
19. Rates quoted by the tenderer for the supply and installation of software should be inclusive of the cost of study materials as mentioned above. No extra payment should have to be made by the University for the supply of study material.
20. The selected firm shall give free of charge training to the teachers (3-5) of the Psychology Department on the usage of Bio-feedback and Neuro-feedback system, for one week in any of the established psycho-physiology laboratory (preferably at the main Centre) where at least one expert in psychology should available.
21. The tenderer should enclose brochures or relevant documents for the items to prove that the items quoted are in accordance with the specifications laid down in the tender document.

Co-ordinator (Procurement)  
CENTRAL UNIVERSITY OF KARNATAKA  
Kalaburgi-585 311.

I accept all the terms and conditions mentioned above.

SIGNATURE: \_\_\_\_\_  
ADDRESS OF THE PARTY; \_\_\_\_\_  
\_\_\_\_\_

Contact Number & Email id: \_\_\_\_\_

## ANNEXURE-I (B)

### Technical Specifications

<b>Item</b>	<b>Description</b>	<b>Quantity</b>
<p>Complete Bio and Neuro- feedback system with EEG &amp; ERP system with 64 channels and accessories.</p> <p>The system should have as many of the following feedback systems:EEG, EOG, EMG, ECG, EDG, Temperature photoplethysmograph, pneumograph signal acquisition and feedback.</p> <p>Preference would be given to those systems that will have more number of channels. However, this is not a mandatory requirement as long as the system involves multiple number bio-feedback and neuro-feedback system, hardware, and software options.</p> <p>If all the following is not accommodated in one system, separate biofeedback systems may also be considered</p>	<p>System should include :</p> <p>(i) signal recording electrodes, sensors, amplifiers;</p> <p>(ii) software for stimulus presentation;</p> <p>(iii) software for such as continuous real time feedback games both auditory and visual modality;</p> <p>(iv) 3D games would be preferred in terms of visual feedback ;</p> <p>(v) signal analysis software in terms of amplitude, frequency, coherence, source localization (such as LORETA), and variability.</p>	<b>One set or one set each</b>
Caps for recording EEG (Small/Medium/Large)	Caps that adhere to international 10-20 system, compatible with the above system. Caps should be of Small, Medium and Large in size.	<b>9 caps ( 3 different sizes)</b>
Additional sensors for each type of biofeedback system	EMG, ECG, EDG, Temperature , heart variability, temperature POD & probe, photoplethysmograph, pneumograph systems	<b>2 sets each</b>
GSR Amp	GSR Amplifier with input range of 1 to 40 micro Siemens along with finger electrodes; Silver/silver chloride, contoured finger electrodes, Magnetic resonance safe	<b>One</b>
Bio-potential accessories kit with computer and accessories.	(a)Electrode creams, Gels, Pastes, Syringes etc; (b) 2 TB hard disk, Core i 7, Processor 4990, 2 GB graphic card, 22 inch monitor, 8 GB ram, wireless mouse and key board; (c) laptop-core i7 with 1 TB hard disk, 2 GB graphic card and 4 GB ram.	<b>One</b>

**ANNEXURE-II**

**Format for Technical Bid for the supply of Bio-Feedback and Neuro-Feedback System, Hardware, and Software**

Technical Bid should indicate following information along with the self-attested photocopies of supporting documents:

1. Name of Firm/Agency: \_\_\_\_\_
2. Registered address: \_\_\_\_\_
3. Telephone No. (Landline): \_\_\_\_\_
4. Fax No.: \_\_\_\_\_
5. Mobile No.: \_\_\_\_\_
6. Email Address: \_\_\_\_\_
7. Name & Address of Branch, if any: \_\_\_\_\_
8. Type of Organization (whether sole proprietorship/partnership \_\_\_\_\_ Private Ltd. Etc)
9. Name of Proprietor/Partners/Directors \_\_\_\_\_ of the Organization/Firm:

<b><u>Payment Details</u></b>	
DD No.	_____
DD Amount	_____
Bank Name/Branch	_____

S. No.	Documentary Proof of	Attached (Yes/No)	Page Appendix No (If attached)
i.	Incorporation/inception/Registration of the agency		
ii.	Dealership/ Distributor/ Supplier/ Indian Agent/ Foreign Associates Authorised Certificate for the Supply of.....		
iii.	Name of the Foreign/Indigenous/Principal manufacture of..... machine/plant/equipment from where these are to be imported/procured for supply		
iv.	Name and Address of the Principal/Manufacture		
v.	Whether on rate contract with the DGS&D		
vi.	PAN Number		
vii.	CST/ST No.		
viii.	Service Tax Registration Proof		
ix.	VAT No.		
X	The Bidder must enclose the Authorization letter for supplying specified Equipment ( <b>mandatory</b> )		
Xi	The Company should be at least 03 years experienced and turnover of the company should be 50Lakhs cumulative for 3 years audited balance sheet, with registration certificates to be enclosed ( <b>mandatory</b> ) w.r. to Annexure I -A		
Xii	The Vendor should have executed at least 3 similar supply & installation of Bio-Feedback/Neuro-Feedback System, Hardware, and Software items, The completion report with details of contact Person and the name of the		

	Institution/University to be provided in the last one year calculated as on the date of opening of the bid. <b>(mandatory)</b>		
Xiii	Technical Specifications of the .....		
xiv	Any other relevant information, specify		

Name and signature of the authorized person of the firm along with seal



**ANNEXURE-III**

**FINANCIAL BID**

<i>Sl no</i>	<i>ITEMS</i>	<i>Description</i>	<i>Qty</i>	<i>Pri ce per Un it/it em</i>	<i>Ta x</i>	<i>Tot al (Rs )</i>	<i>Re mar ks if any</i>
1	<p>Complete Bio and Neuro-feedback system with EEG &amp; ERP system with 64 channels and accessories.</p> <p>The system should have as many of the following feedback systems: EEG, EOG, EMG, ECG, EDG, Temperature photoplethysmograph, pneumograph signal acquisition and feedback.</p> <p>Preference would be given to those systems that will have more number of channels. However, this is not a mandatory requirement as long as the system involves multiple numbers of bio-feedback and neuro-feedback system, hardware, and software options.</p> <p>If all the following is not accommodated in one system, separate biofeedback systems may also be considered</p>	<p>System should include</p> <p>(i) signal recording electrodes, sensors, amplifiers;</p> <p>(ii) software for stimulus presentation;</p> <p>(iii) software for bio-feedback and neuro-feedback system, hardware, and software such as continuous real time feedback games both auditory and visual modality;</p> <p>(iv) 3D games would be preferred in terms of visual feedback ;</p> <p>(v) signal analysis software in terms of amplitude, frequency, coherence, source localization (such as LORETA), variability</p>	<b>One set</b>				
2	Caps for recording EEG (Small/Medium/Large)	Caps that adhere to international 10-20 system, compatible with the above system. Caps should be of Small, Medium and Large in size.	9 caps (3 different sizes)				
3	Additional sensors for each type of biofeedback system	EMG, ECG, EDG, Temperature , heart variability, temperature POD & probe, photoplethysmograph, pneumograph systems	<b>2 sets each</b>				

4	GSR Amp	GSR Amplifier with input range of 1 to 40 micro Siemens along with finger electrodes; Silver/silver chloride, contoured finger electrodes, Magnetic resonance safe	<b>One</b>				
5	Bio-potential accessories kit with computer and accessories.	(a) Electrode creams, Gels, Pastes, Syringes etc; (b) 2 TB hard disk, Core i 7, Processor 4990, 2 GB graphic card, 22 inch monitor, 8 GB ram, wireless mouse and key board; (c) laptop-core i7 with 1 TB hard disk, 2 GB graphic card and 4 GB ram.	<b>One</b>				