



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama", Belagavi -590 018, Karnataka State, India

Registrar

Ph. No.0831-2498100

Fax No. 0831 - 2405467

Website: www.vtu.ac.in

Ref: VTU/BGM/SAP/CW1/Eol-07/2026-27/3106

Date:10-09-2026

EXPRESSION OF INTEREST (EOI)

E-Tenders (two cover systems) are invited by the Registrar, VTU, Belagavi, through E-Procurement web portal of Govt. of Karnataka from Competent Firms for the following works, subject to the Terms and Conditions mentioned below:

1	Name of Work	Expression of Interest (Eol) for inviting a bidder for establishment of Centre of Excellence in Cognitive Computing & External Reality for Innovation & Learning at VTU Regional Centre, Kalaburgi under KKRDB Funds
2	Earnest Money Deposit (EMD)	Rs.25,000/- (DD in the name of Finance Officer, VTU, Belagavi)
3	EOI Form Fees	Rs.590/- (DD in the name of Finance Officer, VTU, Belagavi)
4	Tender Documents Available for download	10-09-2026 to 17-09-2026 up to 2.30 p.m.
5	Last date of receipt of Eol	17-09-2026 at 5.30 p.m.
6	Opening of Tenders	18-09-2026
7	Availability of Tender Documents	http://www.vtu.ac.in

Terms and Conditions:

1) Eligibility Criteria:

A. Statutory Requirements:

The Tenderer should furnish GST Registration Certificate.

1. The Bidder should be a Private Limited / Partnership firm /LLP
2. PAN Card Photocopy
3. IT returns for the past 3 years.
4. GST returns for three financial years.
5. Authorization letter from OEM.

B) Technical requirements:

- a) The Bidder /OEM should have an experience / expertise in the successful execution of system software in any State Governments or Quasi Government Department or Government Undertaking / Universities / Colleges.
- b) As proof, the Bidders should upload the purchase orders executed previously by the reseller / distributor / OEM

C) Financial / Commercial Requirements:

- a) A turn-over of not less than 80% of estimated cost for at least 3 years, in any of last 5 financial years. As proof, Profit & Loss Account Statement, Balance Sheets and audited reports certified by CA for corresponding financial years should be uploaded in the e-procurement portal of GoK.

Bidder

Registrar

- 2) The Bidders should obtain/download the tender document as stated above, through VTU website <http://www.vtu.ac.in> on payment of requisite tender fees as prescribed by VTU. For further any information, contact undersigned during office hours of working days.

**The Registrar
Visvesvaraya Technological University
“Jnana Sangama”,
Belagavi – 590 018.**

- 3) If the tender is cancelled due to unforeseen reasons, the cost of the tender form will not be refunded.
- 4) The details of work can be obtained from the Registrar, VTU, Belagavi, during working days/hours.
- 5) The Bidders should obtain/download the tender document as stated above, through VTU website <http://www.vtu.ac.in>.
- 6) The Registrar, VTU, Belagavi reserves the right to accept / reject any or all the tenders without assigning any reasons, whatsoever.

Sd/-

REGISTRAR

Copy to:

1. The Secretary to Hon'ble Vice Chancellor, VTU for information.
2. The Finance Officer, VTU for information.
3. The Regional Director (I/c.), VTU Regional Office, Kalaburgi to display the tender notification in their notice boards.
4. The Coordinator, KKRDB, VTU Regional Office, Kalaburgi for information.
5. The Director, ITISMU, CNC, VTU for information to publish the notification in the Website.
6. All notice boards and office copy.

Bidder

Registrar

**EXPRESSION OF INTEREST (EOI) FOR INVITING AN BIDDER FOR
ESTABLISHMENT OF CENTER OF EXCELLENCE IN COGNITIVE
COMPUTING & EXTERNAL REALITY FOR INNOVATION &
LEARNING AT VTU REGIONAL CENTRE, KALABURGI**



Visvesvaraya Technological University
Jnana Sanagam, Belagavi – 590 018

Expression of Interest Schedule of Event

TENDER DOCUMENT AVAILABLE FOR DOWNLOAD	10-09-2026 to 17-09-2026 up to 12.00 p.m.
LAST DATE OF RECEIPT OF EOI TENDER FORM	17-09-2026 up to 5.30 p.m.
TIME AND DATE OF OPENING OF TENDER	18-09-2026
EARNEST MONEY DEPOSIT (EMD)	Rs.25,000/- (DD in favour of Finance Officer, VTU, Belagavi)
EOI FORM FEES	Rs.590/- (DD in favour of Finance Officer, VTU, Belagavi)
AVAILABILITY OF TENDER DOCUMENT	http://www.vtu.ac.in
ADDRESS FOR COMMUNICATION	The Registrar Visvesvaraya Technological University, “Jnana Sangama” Belagavi – 590 018

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1. Concept Note

The Centre of Excellence (COE) in **Cognitive Computing and Extended Reality for Innovation and Learning** aims to bridge the gap between academia and industry by creating a collaborative and cognitive technology ecosystem that supports innovation, education, and applied research. The COE will function as a strategic hub for experiential learning, product innovation, and technology transfer, enabling students and faculty to design, develop, and deploy real-world solutions using advanced cognitive technologies.

Established under the **Build–Operate–Transfer (BOT) model**, the CoE will be set up, operated, and maintained jointly with Industry Partner. After a defined operational period, complete ownership and operations will be transferred to the partner institution, ensuring sustainability and self-reliance.

The initiative will integrate **training, research and industry collaborations** to support educational innovation, entrepreneurship, and workforce development.

2. Scope of the CoE

The CoE will focus on the following key areas and activities:

a. Skill Development & Training

- Faculty Development Programs (FDPs) and Student Development Programs on Cognitive Technologies
- Building cognitive skills, productivity skills in students to compete in the emerging technologies
- Prepare students for job ready on multiple technology domains

b. Research & Development

- Collaborative R&D projects on cognitive technologies
- Joint research proposal submissions under AICTE, DST, or other funding bodies.
- Product and prototype development in partnership with industries.

c. Innovation & Entrepreneurship

- Student innovation challenges and start-up incubation support.
- Industry internships and project-based learning opportunities.
- Development of real-world applications for education and innovation
- Development of products and solutions on cognitive technologies

d. Infrastructure & Knowledge Creation

- A full-fledged lab equipped with high-end workstations with cognitive technologies
- Knowledge repository for cognitive technology and case studies.
- Support for cross-disciplinary projects involving computer science, MCA, electronics and communication, mechanical allied engineering.

e. Industry & Community Outreach

- Collaboration with industry partners for live projects and product deployment.
- Training programs for external participants and nearby institutions.
- Demonstration of Extended Reality technologies for public and social applications.

3. Outcomes and Impact

- Enhanced **student employability** through hands-on technology exposure.
- Creation of a **talent pool skilled in Cognitive Computing**.
- Conduction of **Training & Certification Programs** for students and faculty.
- **Joint Research Projects** in emerging technologies.
- **Organizing Student Innovation Challenges & Hackathons**.
- **Offering Industry Internships and Capstone Projects** co-mentored by Industry experts.
- **Organizing Workshops, Webinars, and Outreach Programs** for external stakeholders.

Introduction:

Over the last two decades, brain research has been the focus area of research. Brain research studies the structure and function of human brains and the nervous system. Understanding the biological basis of learning, memory, behavior, perception, and consciousness is considered the “ultimate challenge” of behavioral brain research.

Brain computer interface research explores the user or patients’ ability to control their brain waves, in order to send commands to a brain computer interface. The computer interfaces with electroencephalogram (EEG) signals. This protocol is useful for patients experiencing paralysis, and for gaming and other futuristic uses.

Brain-computer interface (BCI) has emerged as a new frontier in assistive technology (AT) since it could provide an alternative communication channel between a user’s brain and the outside world.

A BCI system allows individuals with motor disabilities to control objects in their environments (such as a light switch in their room or television, wheelchairs, neural prosthesis and computers) using their brain signals only. This could be accomplished by measuring specific features of the user’s brain activity that relate to his/her intent to perform the control. This specific type of brain activity is termed a “neurological phenomenon”. As an example, when a particular movement such as right index finger flexion is performed, specific neurological phenomena that correspond to that movement are generated. The corresponding neurological phenomena are then translated into signals that are eventually used to control devices.

Many physiological disorders such as Amyotrophic Lateral Sclerosis (ALS) or injuries such as high-level spinal cord injury can disrupt the communication path between the brain and the body. People with severe motor disabilities may lose all voluntary muscle control, including eye movements. These people are forced to accept a reduced quality of life, resulting in dependence on caretakers and escalating social costs. Most of the existing assistive technology devices for these patients are not possible because these devices are dependent on motor activities from specific parts of the body. Alternative control paradigms for these individuals are thus desirable.

Neuroscience Research and Education is an interdisciplinary area where students, faculty of Electronics & Communication, Computer Science, AI & ML departments from diverse academic backgrounds, including biological, computational, mathematical, physical, engineering and medical sciences, and use multidisciplinary approaches to unravel function under healthy and pathological conditions.

Electroencephalography (EEG) has many applications in engineering, including:

- **Brain-computer interface (BCI):** EEG data is used in real-time to control a computer without using the brain's normal output pathways. BCI devices can be used to:
 - Control robotic body parts
 - Help people with disabilities or motor impairments
 - Control wheelchairs
 - Control artificial body parts like prosthetics
 - Recognize a patient's attempt to move their body
 - Control a robot using body gestures
 - Control a mouse cursor using imagined hand movement

Construction: Wearable EEGs can be used to study the psychophysiological conditions of workers in the construction industry. This can help improve occupational health and safety. EEG signals can be used to assess fatigue, mental workload, attention levels, and mental vigilance.

- **Speech discrimination:** Event-related potentials can be used to assess speech discrimination.
- **Driver fatigue:** EEG signals can be used to analyze driver fatigue.
- **Driver emotions:** EEG signals can be used to detect driver emotions while driving.

EEG signals are a reliable and non-invasive way to measure electrical activity in the brain. They can capture complex neural patterns at high speeds

The dawn of the digital era has ushered in an unprecedented wave of innovation, particularly in the realm of mental health care.

With the increasing prevalence of mental health issues like depression, anxiety, addiction and loneliness, the traditional healthcare system, constrained by a glaring shortage of mental health professionals, struggles to meet the soaring demand for care.

Enter the realm of AI-driven mental health apps – a beacon of hope that promises to bridge the gap, offering accessible, personalized and efficient mental health solutions.

The AI revolution in mental healthcare

AI technology, with its ability to analyze vast datasets and recognize patterns, is at the forefront of this revolution. These sophisticated algorithms can sift through extensive medical records, identifying risk factors and symptoms of mental health issues far more swiftly than the human eye. This capability not only enhances the precision of diagnoses, but also personalizes treatment plans, ensuring that they resonate with the unique needs of each individual.

Chatbots: The digital empath

Imagine a world where initiating a conversation about your mental health is as simple as opening an app. AI-powered chatbots are turning this into a reality. Equipped with natural language processing and machine learning, these chatbots offer a judgment-free zone for individuals to express their feelings and concerns. They're not just programmed to listen; they're designed to understand, offering coping strategies and support in real time. While they don't replace human therapists, they serve as a crucial first step in the care journey, especially for those who might be hesitant to seek professional help.

Evaluating conditions and personalizing care

The power of AI extends beyond conversations. These intelligent systems can evaluate healthcare conditions with remarkable accuracy, analyzing symptoms and tracking progress over time. This ongoing evaluation ensures that treatment plans remain dynamic and responsive to the patient's evolving needs. Furthermore, by leveraging AI, mental health apps can provide a plethora of additional services, from mood tracking and mindfulness exercises to cognitive behavioral therapy sessions, all tailored to enhance the user's mental wellbeing.

The future is now

The integration of AI into mental health apps represents a significant leap forward in the way we approach mental healthcare. These technologies offer not just a supplement to traditional care but a fundamental reimagining of it. They promise a future where mental health support is not a scarce commodity, but a readily available resource that is tailored to meet the needs of each individual.

By enhancing the efficiency, accessibility and personalization of care, these innovative tools are poised to make a profound impact on the lives of millions, helping to alleviate the burden of mental health issues and pave the way for a healthier society.

In this journey towards a brighter future, we must navigate the challenges that accompany any technological innovation, from ensuring the privacy and security of personal data to maintaining the ethical use of AI. But with careful stewardship and a commitment to advancing the best interests of patients, the potential of AI in mental health care is boundless.

At the heart of every app, every algorithm and every innovation, lies a simple goal: to improve the lives of those struggling with mental health issues. In this digital age, we're not just witnessing the evolution of healthcare; we're participating in a revolution that promises to redefine what it means to offer support, empathy and hope.

EEG Headphones PRO:

Headphones for working with brain signals and body indicators 4 dry eeg channels, ppg sensor and gyroscope + accelerometer (mems)



- 4 EEG channels (A1, A2, C3, C4, 3Cz - ref.)
- Reproducible frequencies (dynamic range) 20-20000 Hz
- Sampling frequency 250 Hz
- Bluetooth 4.2.
- Dimensions and number of speakers 2 x 40mm
- Dry spring-loaded electrodes
- Supported platforms: Windows, MacOS, iOS
- Operating time 8 hours
- Bluetooth profiles HFP/HSP/A2DP/VCRCP

Applications Engineering Domain:

- **Brain-Computer Interfaces (BCI):** EEG headphones can be used to develop BCIs, allowing users to control external devices or software directly with their thoughts. This technology is particularly beneficial for individuals with motor disabilities, enabling them to communicate and interact with their environment.
- **Cognitive Training and Enhancement:** In educational and professional settings, EEG headphones can be employed for cognitive training exercises. These exercises aim to improve attention, memory, and other cognitive functions by monitoring brain activity and providing feedback on mental states.
- **Assessment of Mental States:** EEG headphones can assess and monitor mental states such as stress, fatigue, or arousal levels. This capability is useful in fields like psychology, sports science, and workplace productivity, where understanding and managing mental states is crucial.
- **Virtual Reality (VR) and Gaming:** In VR and gaming applications, EEG headphones can enhance user experience by detecting brain activity associated with engagement, immersion, or emotional responses. This technology can potentially adjust game dynamics in real-time based on the user's mental state.
- **Stress Management and Relaxation:** EEG headphones can assist in stress management programs by monitoring brainwave patterns associated with stress and guiding users through relaxation techniques or mindfulness exercises.
- **Personal Development and Wellness:** Individuals interested in personal development and wellness can use EEG headphones for meditation, mindfulness training, or improving overall mental health by monitoring and optimizing brainwave patterns.
- **Education and Learning:** In educational settings, EEG headphones can be used to engage students in neuroscience concepts, brain function, and the effects of various stimuli on brain activity, offering hands-on learning experiences.

EEG Headband PRO

GELO Headband Pro is a smart EEG device which monitors brain activity and gathers data that can be converted and used without professional help in reading.

- 4 EEG channels with a differentiation of myographic (EMG) and oculographic (EOG) components
- Channel sampling rate — 250 Hz
- Connection interface — Bluetooth LE
- Minimum continuous usage — 12 hours
- Measurable voltage range — $\pm 0,4$ V
- Battery current — 100 mA $\pm$ 10%
- Battery charging time — up to 4 hours



Applications in Engineering Domain:

- **Brain-Computer Interfaces (BCI):** EEG headbands can be used in developing BCIs, which translate brain signals into commands for computers or devices. This can assist individuals with disabilities to control devices or communicate.
- **Neurofeedback and Meditation:** EEG headbands can provide real-time feedback on brain activity, helping users to monitor and adjust their mental states during meditation or relaxation exercises.
- **Cognitive Training:** In educational or professional settings, EEG headbands can be used for cognitive training exercises to improve focus, attention, and mental clarity.
- **Sleep Monitoring and Improvement:** EEG headbands can track sleep patterns and brain activity during sleep, providing insights into sleep quality and potential interventions for better rest.
- **Research and Development:** EEG headbands are valuable tools in neuroscience research, allowing scientists to study brain activity in different conditions, such as during tasks, emotions, or cognitive states.
- **Sports Performance:** Athletes and sports scientists can use EEG headbands to monitor brain activity during training and competitions, optimizing performance and mental readiness.
- **Stress Management:** EEG headbands can aid in stress management programs by measuring brainwave patterns associated with stress and guiding users through relaxation techniques.
- **Assistive Technology:** EEG headbands can potentially assist in diagnosing neurological conditions or monitoring brain health over time, aiding in early detection and treatment planning.
- **Gaming and Virtual Reality:** In gaming and virtual reality applications, EEG headbands can enhance user experience by detecting mental states and adjusting game elements accordingly.

- **Personal Development:** Individuals interested in personal development and self-improvement can use EEG headbands to track brain activity and optimize their daily routines for better mental performance.

These applications demonstrate the versatility of EEG headbands in both medical and non-medical fields, offering opportunities for enhancing cognitive abilities, monitoring brain health, and improving overall well-being. As technology advances, these devices are expected to become more accessible and capable, further expanding their potential applications.

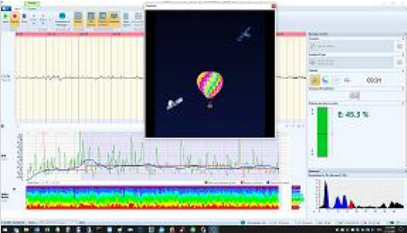
SmartBCI family includes multichannel professional grade wireless and wearable EEG amplifiers, accessories and advanced software package ready for neuroscience research.

SmartBCI support following research:

- Brain Computer Interfaces
- Peak Performance in Sports
- Event Related Potentials (P300, SSVEP)
- Quantitative EEG (qEEG) and etc.

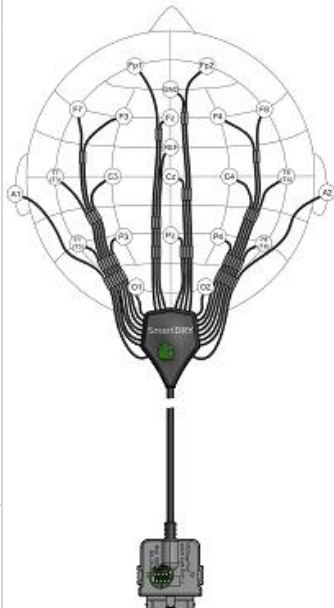


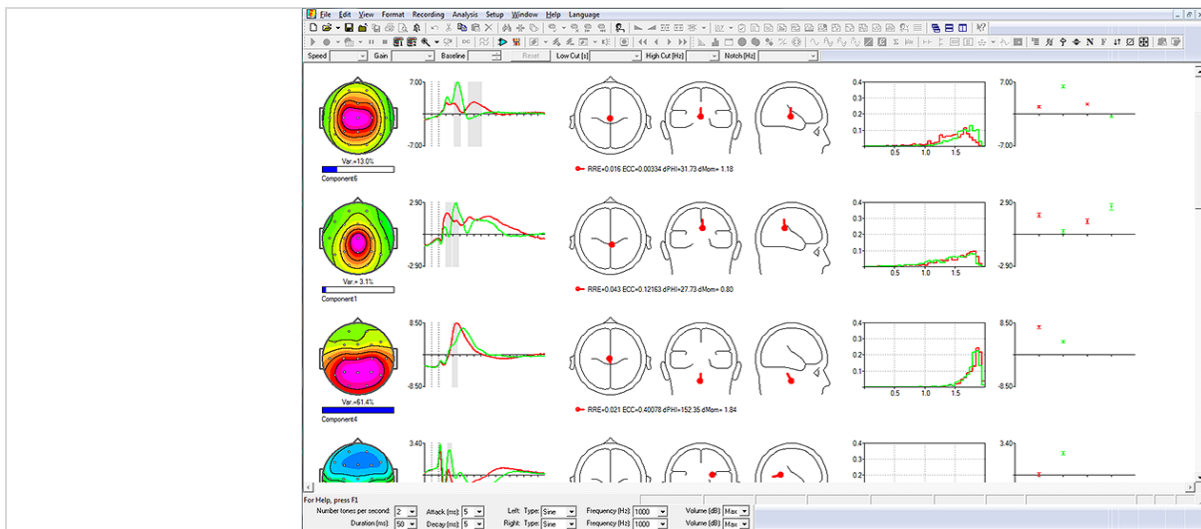
- **LIGHT & COMPACT:** SMARTBCI STARTS JUST FROM 55 G. AND IS A SUPER LIGHTWEIGHTED WIRELESS EEG AMPLIFIER
- **ONLINE IMPEDANCE:** REAL-TIME IMPEDANCE MEASUREMENT ALLOWS YOU TO CONTROL AND STORE ELECTRODES IMPEDANCE VALUES
- **ANY REFERENCE:** ANY ELECTRODES COULD BE SELECTED LIKE AN REFERENCE ELECTRODE TO FIT YOUR EXPERIMENT
- **MEMORY INSIDE:** RECORDING ON BUILT-IN MEMORY AND SIMULTANEOUS WIRELESS EEG MONITORING ON PC
- **SMARTAIR INTERFACE –** BLUETOOTH 5.0 BASED TECHNOLOGY

Product ID	Description		
NFB	EEG Studio Neurofeedback option		
Specifications	- EEG-based biofeedback training - Video / audio feedback - Simple arcade games included - Zukor games compatible - Custom protocol design - Trend graphs and online spectra - Session reports		
System kit	- Software package (EEG Studio)		
Compatibility	- Mitsar - EEG / Smart BCI		

Product ID	Description		
x24	24 channel wireless EEG SmartBCIx24		
Specification	- 21 referential + A1 + A2 + REF + GND - 10-20 system - Wireless interface - 12 hours recording time - Up to 0 (DC) - 150 Hz at 500 Hz sampling - Real time impedance (at 250 Hz sampling rate) - Touch Proof 1.5mm electrodes via Smart TOUCH adapter		
System kit	- Amplifier box - USB Type-C charging and data cable - Wireless adapter Smart AIR - Software (Win EEG and EEG Studio)		

	- User manual	
Compatibility	Win EEG / EEG Studio	

Product ID	Description		
043-1-087-R1 [R1]: cap size	SmartDRYx24 Light Rev2		
Specifications	- 10-20 system without Fpz and Oz - 19 scalp electrodes + REF + GND - Mastoid electrodes or ear clamps - Active electrodes - Soft DRY sensors - 0.6m Kevlar cable - Amplifier chest mount		
System kit	- One caps (any size) - Ear clamp adapters (1 pair) - 23 pcs of soft DRY sensors - User manual		
Compatibility	- SmartBCIx24		
Sizes	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm)		



Institutional Impact

- VTU can project itself as a leader in Cognitive Computing and Extended Reality for Innovation and Learning education in India.
- Scope for joint research innovation labs, and industry collaboration anchored.
- Scalable digital infrastructure that supports future programs and policy reforms

To enable this transformation, VTU, Belagavi embarks on an initiative of empowering the students with access and training on these next-generation technologies by Selection of an Agency for Setting up and Operating a Center to integrate Cognitive Computing and Extended Reality for Innovation and Learning personalized learning experiences into VTU's academic ecosystem and its affiliated colleges.

Beneficiaries to students from Kalyana Karnataka Regional Development Board (KKRDB), as follows:

- (a) KKRDB has 50+ Engineering Colleges, Government aided and autonomous colleges.
- (b) Government Industrial tool room Training Institutes. (KKRDB),
- (c) Government Diploma and polytechnic institutes. (KKRDB),

1. Center – Objectives

- (a) To develop skills among the workforce of future to improve employability and competency standards.
- (b) To Deliver the cutting-edge Immersive Learning Solutions for, Engineering Disciplines that meets the demands of various industries, globally.

Center - Courses and Trainings

The Center will have a blended, immersive, and outcome-based delivery model, integrating classroom instruction, Cognitive Computing and Extended Reality for Innovation and Learning Core theoretical concepts introduced by faculty. Case discussions and conceptual walkthroughs. Integration of Cognitive Computing and Extended Reality for Innovation and Learning modules at predefined learning checkpoints. Faculty remain central to instruction, while technology enhances personalization and practical exposure. At the end of the training sessions, the student will be Industry ready and will be capable of delivering the job right on day one in the industry, upon recruitment.

Center - Resources to Manage

The Center will have full time staff one member having specialization in the platform package for Advance Training in Cognitive Computing and Extended Reality for Innovation and Learning experiences.

- A. onsite support 1 experts having experience in Cognitive Computing and Extended Reality for Innovation and Learning experiences 2-3 Years of experience
- B. Online support - platform support included as per SLA, Email and remote support during business hours
- C. Online support- Regular system health monitoring by Technical Support Staff with Experience

Center - Roles and Responsibilities

For Visvesvaraya Technological University (VTU):

- a. Shall make necessary payment to successful bidder after the release of KKRDB funds.
(Payment terms as per the KKRDB payment norms)
- b. Provide class rooms of Basic Infrastructure which includes, Table & Chair, Electricity, water, digital board, Networking and theory class rooms with basic facility

For Successful Tenderer (Technology Execution Partner):

- Bidder should supply all the required Hardware for installation, implementation and best practices
- Bidders should supply required Software; all required contents and all software licenses should be perpetual.
- Establishing & operating center for 12 Months from the date of receipt of Purchase order from VTU

- Supply and Installation of software & hardware are as mentioned
- Mobilizing the interested participant's enrollment in the area of KKRDB for the VTU Center
- **Platform Supply & Installation** – Hardware & Software technology platform licenses – Providing required licenses Cognitive Computing and Extended Reality for Innovation and Learning to develop skills among the workforce of future to improve employability and competency standards.
- Provide **qualified trainers (Optional) to run the training centre for a period of 12 months**. Deploy one dedicated onsite engineer for technical support, system maintenance, and troubleshooting during the project period at additional cost.

Center - Place of Delivery:

01	VTU Regional Centre, Kalaburagi
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Hardware Details

COGNITIVE COMPUTING AND EXTENDED REALITY FOR INNOVATION AND LEARNING

Sl No	Name of the Items & technical specifications	Unit	Qty
1	Computing Facility with Windows 11 operating system and hardware configuration compatible with Cognitive measuring Hardware	Nos	10
2	Cognitive measuring devices headbands / headphones with EEG recording	Nos	15
3	ERP Based EEG Signal Recording - Minimum 24 and 32 Channel - Wireless - Active Electrodes - Dry Electrodes - Head Cap – Adults – Kids - Software – Data Acquisition - Signal Analysis features – FFT, Filtering	Nos	2

Bidder

Registrar

4	Cognitive based Applications bundle in – Computer Science – Electronics and Communication – Mechanical Engineering – AI & ML	No	1
5	Productivity measuring software games with feedback devices	Nos	15
6	Lab setup- creative work, wall posters	No	1
7	Training to approximate 25000 students.	No	1
8	One-year FREE maintenance One-year running the COE by Industry Partner	No	1

Recommended (for better performance)

- nVidia or AMD Graphics Card
 - Proper graphics card drivers must be installed. Generic drivers may not work. Ensure manufacturer-provided drivers are installed (for dedicated cards or onboard graphics).
- a) Impart Digital Skilling in the following domain
 - Operations Engineering
 - Virtual Factory& Maintenance
 - Warehouse management
 - Demand Forecasting & supply planning
 - Production Scheduler& Execution
 - Quality Control
 - Time & Labor
 - a. Engage Trainer of having Industry and Academia experience for Skilling
 - b. Provide a platform/interface for student internships/Projects
 - c. Deployment of OEM certified mentors/ domain experts at the Centre
 - d. Centre will be operated for a period of 12 months from the date of purchase order
 - e. The center should work towards start-up incubator for providing technical know-how and access to market
 - f. Design, develop and implement continuous progressive assessments after every Skilling by the mentors

Bidder

Registrar

Center - Resources to Manage

Center will have full time staff members having specialization in the platform package for Advance Skilling in Manufacturing and Supply Chain and Planning.

1. 1 Industry experts having experience in Manufacturing verticals minimum 2-3 Years of experience
2. 2 Domain experts with specialization in Supply Chain and Planning with 2-3 Years of experience
3. 1 Technical Support Staff with 2 Years of Experience

For KKRDB, Kalaburgi:

- a) To fund the entire project to VTU, based on which VTU will make payments to successful bidder

For Bidder (Technology Execution Partner, Successful & selected Bidder):

1. Software Support:

1.1: Installation of the software at VTU Regional / PG Centre, Kalaburgi. A detailed document on installation procedure shall be handed over along with the software installable. If there are any issues or help is required during the installation the same shall be provided by OEM. All technical queries should be addressed to vendors.

1.2: **Delivery of Hardware & Software Licenses:** Software licenses would be electronically delivered to the designated email id at VTU, Belagavi.

1.3: **Installation of Hardware & Software:** The technical team shall physically visit VTU's premises and do the installation of the Hardware and Software in co-ordination with VTU's team and licenses server will be situated at VTU Regional Centre, Kalaburgi.

1.4: **Enrolling the software licenses:** The software licenses need to be enrolled at VTU, Belagavi. After confirmation of licenses server availability, the services provider shall supply the licenses immediately to designated e-mail id (registrar@vtu.ac.in) and enroll the licenses and; install and demonstrate the working of the software.

2) Training:

2.1: Training of the Software has to reach maximum number of participants (approximate 25000) of all the seven districts under 371J. The training programme has to be carried out batch wise to reach out maximum numbers in the stipulated 12 months duration. A record of this shall be maintained by the agency and produced, when necessary, certification of installation and commissioning by the Dept. and the Nodal Officer.

- 2.2: Creating training awareness the advertising through news media / social media in all the seven districts under 371J is the responsibility of the agency. All related documents shall be maintained by the agency and produced whenever necessary.
- 2.3: Minimum of two trainers training programmes have to be conducted for VTU and affiliated colleges faculties of 371(J) region and VTU would depute the faculty for the training programme.
- 2.4: All the students of VTU belonging to 371 (J) region have to be trained in this training programme.
- 2.5: VTU will appoint one Co-ordinator / Nodal Officer to monitor the progress of the training / programme till the completion of the programme.
- 2.6: Participants are given free training.
- 2.7: After the completion of the training period (12 Months) all the Hardware and Software with Perpetual licenses and working conditions should be handover to VTU Regional Centre, Kalaburgi.

3. ELIGIBILITY CRITERIA

Through this EOI, the proposals will be evaluated with the proposed solution and the technical & financial capabilities of the bidder,

3.1: Statutory Requirements:

- a) The Bidder should furnish GST Registration Certificate.
- b) The Bidder should be a Private Limited / Partnership firm /LLP
- c) PAN Card Photocopy
- d) IT returns for the past 3 years
- e) GST returns for the Assessment for last 3 years
- f) Manufacturer Authorization Form from OEM as per Annexure 4

3.2: Technical requirements:

- c) The Bidder /OEM should have an experience / expertise in the successful execution of Dassault system software in any State Governments or Quasi Government Department or Government Undertaking / Universities / Colleges.
- d) As proof, the Bidders should upload the purchase orders executed previously by the reseller / distributor / OEM

3.3: Financial Requirements:

- a) The bidder shall have a cumulative turnover of not less than INR 10 crores from last 5 financial years. As proof, Profit & Loss Account Statement, Balance Sheets and audited reports certified by

Bidder

Registrar

CA for corresponding financial years should be uploaded in the e-Procurement portal, Government of Karnataka.

General Eligibility Criteria

- a) Only a single company fulfilling the eligibility criteria is eligible to bid. Consortium, joint ventures formed for the purpose of this project are not eligible to bid. Note: - The definition of consortium and joint ventures does not include any tie-up with OEMs on company's own account.
- b) Companies should not have been declared ineligible / blacklisted by any State or Central Government. The bidder shall produce a self-certification declaring the same.
- c) Companies should not have filed for bankruptcy/insolvency during the last three years.
- d) Trusts & societies are not eligible to bid for this project.
- e) Bidder should enclose full detailed proposal (Technical specification, estimated cost etc.,)**

Special Instructions to Bidders

The response submitted by the bidder shall comprise the following documents:

1. Proof of documents for all eligibility criteria should be provided
2. Completed format for Financial Capability as per Annexure - 3

Compliance with Eligibility criteria

The organizations desiring to respond to the EOI will submit their details regarding their meeting the eligibility criteria. The organizations are responsible for submitting all supporting documents that evidence their fulfillment of the eligibility criteria.

The VTU is entitled to ask the bidder to submit any additional supporting documents regarding its meeting the eligibility criteria, which may include letters from past clients, copies of contracts and it will be the responsibility of the bidder to satisfy VTU. The bidder will not take refuge under Non-Disclosure Agreements, Confidentiality agreements for non-submission of documents supporting its claims of fulfilling the eligibility criteria.

Validity of Proposals

Proposals shall remain valid for a period not less than 90 days from the EOI Due Date. VTU reserves the right to reject any proposal, which does not meet this requirement.

Late Application

Applications / responses received after the Application Due Date, as mentioned in schedule of events, shall not be considered and shall be summarily rejected.

Bidder

Registrar

Submission of Wrong Information

The VTU will disqualify any bidder at any stage of bid evaluation if it is discovered that the bidder has made wrong claims regarding its fulfillment of the eligibility criteria and the department may black list and initiate a legal action.

In the event of contract being awarded to such a firm making false claims / suppression of truth / misleading claim / wrong claim regarding its fulfillment of the eligibility criteria, the department shall declare the company in breach of the contract and shall immediately terminate the contract and forfeit the Performance Bank Guarantee submitted by the company. The VTU may black list and initiate a legal action against such company.

Amendment to EOI

1. At any times even working days prior to the deadline for submission of bids, VTU, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment.
2. In order to allow prospective bidders reason able time in which to take the amendment in to account in preparing their bids, the VTU, at its discretion, may extend the deadline for the submission of bids.

Language

The proposal and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by Bidder with the proposal may be in any other language provided that they are accompanied by appropriate translations of the pertinent passages in the English language duly certified appropriately.

The Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the proposal, the English language translation shall prevail.

1. EVALUATION ESTIMATION

Information relating to the examination, clarification and comparison of the EOI / bids and shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced.

Evaluation of EOI responses

The responses to the EOI including the enclosed documentation shall be evaluated in the following manner:

- a) The documentation furnished by the bidder will be examined prima facie to see if the submissions meet the eligibility criteria as specified in related sections.
- b) Preliminary scrutiny of the response to EOI will be made to determine whether they are complete, whether the documents have been properly signed, and whether the response is generally in order.
- c) Prior to the detailed evaluation, EOI inviting authority will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the EOI document.
- d) EOI inviting authority may waive any minor infirmity; nonconformity or irregularity in a response, which does not constitute a material deviation, provided such waiver does not prejudice or affect any bidder.
- e) Based on the evaluation of this EOI, Intimate the estimate cost of the procurement to KKRDB.
- f) Procurement procedure will be processed as per KTPP Act. upon receipt of funds from the KKRDB.

6. ANNEXURES

Annexure1 – Statutory Requirements

[On the Letter Head of the Bidder]

Particulars	Details
Basic information of Organization	
Name of firm	
Address of the corporate headquarters	
Date of incorporation	
Address of the Registered Office in India	
GST certificate	
PAN card	
IT returns for the past 5 years	
Any Other relevant information	

Bidder

Registrar

Note: - Kindly attach necessary supporting documents

Annexure 2 – Format for Technical Capability

Sl No	Client name	Purchase order Date	Details of the Project Executed

Annexure-3 – Format for Financial Capability

[On the Letter Head of the Bidder]

Financial Year	Turnover
2021-22	
2022-23	
2023-24	
2024-25	
2025-26	

Note: - Kindly attach necessary supporting documents

Bidder

Registrar

Annexure 4

MANUFACTURERS' AUTHORIZATION FORM

Date:

To

[NAME OF THE BIDDER]

Dear Sir:

We [NAME OF THE OEM] who are established and reputable manufacturers of[NAME AND DESCRIPTION OF GOODS OFFERED] having offices at [ADDRESS OF OFFICE] do hereby authorize, subject to execution of distribution agreement, M/s [NAME AND ADDRESS OF BIDDER] to submit a bid, and sign the contract with you for the goods manufactured by us against the above EOI

We hereby extend our full guarantee and warranty for the goods and services offered for supply by the above firm against this EOI.

Yours faithfully,

(Name)

(Name of manufacturers)

Bidder

Registrar

Annexure 5

FINANCIAL BID

Date:

Name of the Bidder:
.....

Sl. No.	Description	Price (In INR)
1	Cognitive Computing and Extended Reality for Innovation and Learning. All required Hardware, Perpetual Software licenses and Contents	
2	Training & Implementation (One year)	
3	GST (at 18%)	
4	Grand Total (Inclusive)	

Signature and Seal of the Bidder:

Bidder should be enclosed full detailed proposal with seal and signature (Technical specification, quantity, estimated cost etc.,)

Bidder

Registrar