



सी.एस.आई.आर.-जीनोमिकी और जीव-विज्ञान समवेत संस्थान

CSIR-INSTITUTE OF GENOMICS & INTEGRATIVE BIOLOGY,

जुबली हॉल के सामने, मॉल रोड, दिल्ली-110007. भारत

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**निविदा आमंत्रित करने की सूचना/Notice Inviting Tender (NIT)**

संदर्भ संख्या/Ref No.IGIB/7-2NC/85/25-26(344)

दिनांक/Date: 08.07.2025

सेवा में/To,

मै./M/s Tiden Technologies

702, Vaishali CHS, Plot 62, Sector 11,  
Kharghar-410210, Navi  
Mumbai, India

प्रिय महोदय/Dear Sirs,

यह संस्थान आपसे निम्नलिखित वस्तुओं को अगले पृष्ठ पर लिखी शर्तों के अनुसार खरीदने को लेने का इच्छुक है. आपसे अनुरोध है कि आप अपनी निविदा बनाकर, केवल भारत सरकार के खरीद संबंधी सार्वजनिक ई-प्रापण पोर्टल [www.etenders.gov.in](http://www.etenders.gov.in) के माध्यम से, निविदा जमा करने की अंतिम तिथि से पहले भिजवाने का कष्ट करें.

This Institute is interested in procurement of goods from you, for the following items/services on the terms & conditions mentioned overleaf. You are, therefore, requested kindly to submit your bid/quotation for the same only through Public Procurement Portal [www.etenders.gov.in](http://www.etenders.gov.in) meant for procurement, on or before the last date of submission of the bids.

क्रसं/S.No.	वस्तु या सेवा का विवरण/Description of Item/service	मात्रा/Qty.
1.	Eye Tracker Screen Based (specification attached as per annexure 1)	1

**Important:** As per the Public Procurement (Preference to Make in India), Order, 2017 dated 16<sup>th</sup> September, 2020 as amended from time to time, the bidder is required to submit a certificate about the percentage (%) of local content in the product quoted by the bidder. For more details kindly refer the Department for Promotion of Industry and Internal Trade (DPIIT) website <https://dipp.gov.in>

**Note:** The bid shall not be considered without this Certificate

भवदीय/ Yours faithfully,

(भंडार एवं क्रय अधिकारी/Stores & Purchase Officer)  
सी.एस.आई.आर.के लिये व की ओर से/ For & on behalf of CSIR



## TERMS & CONDITIONS COMMON TO ALL ITEMS

1. The bid should be submitted as per terms of this Request for Quotation (RFQ), only ONLINE through Central Public Procurement Portal (CPPP) <https://etenders.gov.in>. Manual bid or documents shall not be considered except for the documents required to be submitted manually in original, if any, as a part of the bid. Technical bid/specifications and Terms & Conditions may be submitted duly signed in PDF form.
2. The bid should be addressed to The Director, CSIR-Institute of Genomics and Integrative Biology, Mall Road, Delhi-110007 India.
3. Bidder may submit its quote either for indigenously manufactured product or foreign product available from ready stock OR in foreign exchange as Indian Agent/Branch on behalf of its foreign supplier for direct import by CSIR-IGIB.
4. HSN code of each item should be mentioned against all quoted items.
5. The bid should indicate clearly about the packing, forwarding, freight transportation, insurance and installation and commissioning charges, if any, upto the place of supply/port of destination. Otherwise, it will be presumed that taxes/charges are included in the quoted prices and CSIR-IGIB will not be liable to pay any such charges separate from the quoted rates.
6. **The terms for payment in advance will not be considered**
7. The delivery schedule should be clearly mentioned in the quotation by the bidder.
8. The mode of dispatch of the items must be mentioned clearly in the bid.
9. **The bid shall be valid for 30 days for supply of indigenous items and 60 days for import of goods from abroad, from the date of opening of the bid. No revision in price will be allowed after opening the bid.**
10. Complete specifications of the product with manufacture's name and address should be mentioned in the bid. Technical Literature/Pamphlet should also be submitted with the bid.
11. Prices are required to be quoted in the units as indicated in the BOQ.
12. CSIR-IGIB, being a Public Funded Research Institution, is partly exempted from payment of customs duty vide notification No. 51/96 dated 23.07.1996 and GST applicable as per the extant rules/guidelines.
13. CSIR-IGIB has GST No. 07AAATC2716R4ZE which should be mentioned in the invoice at the time of supply.
14. **Reasonability of Prices:** In order to ensure that the quoted prices are reasonable and minimum for CSIR-IGIB, the bidder must provide copies of at least two purchase orders for the supply of the similar product made to any CSIR Labs/Govt. recognized Institutes/Govt. Academic Institutes/PSUs/Autonomous Bodies during the last two years. At the same time, a Price Reasonability Certificate may also be furnished on the letter head that the quoted prices are lowest and lower prices than those offered to CSIR-IGIB have not be provided to anyone else. If case any deviation in this regard if brought to the notice of CSIR-IGIB in future then the firm is liable to refund the excess amount charged from us.
15. The date of delivery should be strictly adhered to otherwise the Director reserves the right not to accept delivery in part or full and to levy a penalty 0.5% per week subject to maximum of 10% of the total value of supply order for delay in supply or installation.
16. Unsolicited / Conditional tenders shall not be considered.
17. The Director, CSIR-IGIB, Delhi, reserves the right to reject, or partially accept any or all the quotations received without assigning any reasons.
18. All disputes arising out of this transaction shall be referred to Delhi International Arbitration Centre (DIAC), Delhi High Court New Delhi. The disputes in case of import of goods shall be dealt as per United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules.
19. **ADDITIONAL TERMS APPLICABLE FOR PROCUREMENT OF EQUIPMENT (both indigenous as well imports):-**
  - 19.1 **Warranty:** The bidder should quote a warranty for a minimum of 12 months from the date of satisfactory installation, unless mentioned specifically in the specifications or note.
  - 19.2 **Performance Bank Guarantee/Security deposit (PBG/SD):** The bidder shall be required to submit a PBG/SD for 5% of the order value on receipt of material and satisfactory installation.
  - 19.3 **Authorisation Letter:** A certificate from the OEM/Principal supplier should be submitted wherein the bidder has been authorized to quote, sell the equipment and provide the after sales services.
20. **ADDITIONAL TERMS FOR PURCHASE FROM INDIGENOUS SOURCES**
  - 20.1 Prices should be quoted preferably on free Delivery at IGIB, Delhi basis.
  - 20.2 The goods should be insured against theft, loss or breakage and all other transit losses during transportation. Insurance charges should not exceed 2% of the cost of material.
  - 20.3 Bidder should mention its GST Number in the bid for records and necessary action.
  - 20.4 **PAYMENT TERMS:-** 100% Payment shall be released through RTGS after receipt of goods in good working condition and wherever applicable on satisfactory installation of material at CSIR-IGIB, Mall Road/Mathura Road, Delhi. The bidder should provide bank detail in the bid.
  - 20.5 TDS on goods and services will be deducted as per rules.
21. **ADDITIONAL TERMS FOR IMPORT OF ITEM (when bidding in foreign currency):-**
  - 21.1 The rate should be quoted on CIP/CIF basis giving breakup of charges up Part of destination i.e. Delhi Airport Port.
  - 21.2 **PAYMENT TERMS:** The following terms of payment shall be acceptable to us:
    - a. On Credit basis within 30 days of receipt of material in good working condition and in case of equipment on satisfactory installation.
    - b. Through sight draft where the original shipping documents may be sent immediately after shipment either to us or to our bankers State Bank of India, TFCPC Branch, Parliament Street, New Delhi-110001. We shall retire the documents on its first presentation to us.
    - c. 100% through irrevocable letter of credit (excluding for Indian Agent's Commission, if any)
22. **DOCUMENTS REQUIRED FROM THE BIDDER:-**
  - 22.1 Documentary evidence about the status of the bidder i.e. whether MSME/Start-up
  - 22.2 Declaration abiding by the code of Integrity and no conflict of interest for public procurement.(DoE(Govt. of India)-OM No.F.1/20/2018-PPD Dt. 02.11.2023
  - 22.3 Declaration by the bidder regarding Land Border sharing Regulations.
  - 22.4 Integrity Pact
23. Indian Agent's Commission, if any, will be paid in equivalent Indian Rupees only after the satisfactory installation of material on exchange rates which was applied for payment to the principal supplier.
24. All the instructions and terms & conditions of this NIT must be complied failing which the offer may be liable for rejection.

## Eye tracker specifications

Eye tracking technique- Video-based pupil- and corneal reflection eye tracking with dark and bright pupil illumination modes.

Two cameras stereo images of both eyes for robust, accurate measurement of eye gaze and eye position in 3D space, as well as pupil diameter

### Eye tracking mode

<b>Sampling frequency</b>	1200 Hz
<b>Precision</b>	0.01° RMS at optimal conditions 0.06° RMS at optimal conditions (raw signal)
<b>Accuracy</b>	0.3° at optimal conditions
<b>Binocular eye tracking</b>	Yes
<b>Total System latency</b>	< 2.5 ms at 1200 Hz (SD < 0.2 ms)
<b>Blink recovery time</b>	1 frame (immediate)
<b>Gaze recovery time</b>	Less than 150 ms
<b>Data sample output</b>	Timestamp, gaze origin, gaze point, pupil diameter

### Eye openness stream

Eye openness stream has the same frequency as the gaze stream and will have the same timestamps.

Eye openness data is provided in millimeters for each eye individually.

### Eye image data stream-

Eye image stream frequency to be approximately 10 Hz (one image with both eyes)

Zoomed-in eye images to be available in tracking mode

Full-frame camera images to be available in gaze recovery mode

**TTL input stream** 8-bit timestamped data (256 event codes. Event-driven detection with a timestamp accuracy of 50  $\mu$ s or better)

### Tracker and client time synchronization

Integrated between the eye tracker time domain and the client computer time domain with an accuracy of 100  $\mu$ s or better

### Software and framework compatibility

Software and framework compatibility- Tobii Pro Lab, Tobii Pro Eye Tracker Manager, Tobii Pro SDK

Any application built with the Tobii Pro SDK (All software to be provided as perpetual)

Operating systems Windows/macOS/Linux (Supply required dongles or installation files in USB or CD or online for all OS)



## **Hardware version- 1200 Hz**

### **Setup**

Freedom of head movement at 65 cm distance      Width x height: 34 cm x 26 cm (13.5" x 10")  
(at least one eye tracked)

Freedom of head movement (at 75 cm distance)      Width x height: 42 cm x 26 cm (16.5" x 10")  
(at least one eye tracked)

Operating distance(mounted on screen)      55 to 75 cm (22" and 30") from the eye tracker

**Tracker setup options:** Various setup possibilities to support different ways of presenting stimuli

All accessories are to be supplied for

- (a) Screen and eye tracker mounted together
- (b) Standalone eye tracker
- (c) Tracker and screen mounted on any standard VESA mount
- (d) Eye tracker used with an external monitor

### **Connectors**

TTL input: 8-bit (DB-9 connector)

Communication: Ethernet (RJ-45 connector)

Data processing Fully embedded

Eye tracking cameras -2

Illuminators Dark pupil Illumination Modules, Bright pupil Illumination Modules

User camera mount Standard 1/4" thread

### **Power options**

Input: 100-240 VAC 50/60 Hz;

### **Monitor**

Monitor 23.8" monitor or better with the required specifications for the operation of the eye tracker

Panel type IPS, LED backlight

Screen size (diagonal) 23.8" or higher

Aspect ratio 16:9 or better

Resolution 1920 x 1080 pixels or better

Screen response time 5 ms (gray-to-gray) or better

Built-in speakers 1.0 W + 1.0 W or better

Power supply 100-240 VAC 50/60 Hz

**Connectors** - DVI, VGA, HDMI, Display port, 1 port for monitor control

(USB 3.0), 2-port USB hub (USB 3.0), C13 power connector,

Audio input connector: 3.5 mm, headphone jack: 3.5 mm

**Accessories**

All necessary cables, connectors and accessories required to operate the device in all possible configurations should be provided

**Warranty-1 Year**

CAMC-CAMC should be quoted for 3 years after the warranty period. (Not to be evaluated for bid evaluation)