

प्रौद्योगिकी स्थानांतरण के लिए पसंद की अभिव्यक्ति

EXPRESSION OF INTEREST for TRANSFER OF TECHNOLOGY

ईग्लान्सर – डिजिटल फोरेंसिक कियोस्क

“eGlancer”

Digital Forensic Kiosk



प्रगत संगणन विकास केंद्र
(इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार)
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Issued by

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1. Introduction

Centre for Development of Advanced Computing (C-DAC) invites “**Expression of Interest**” (EOI) from Indian companies for transfer of technology (ToT) from C-DAC to manufacture, market, sell and deploy **eGlancer**, the Digital Forensic Kiosk for preview and acquisition of Smart phones, SIM Cards, Hard Disks and other storage devices, on non-exclusive basis.

This document gives details about

- The product
- The terms and conditions for companies to propose their Expression of Interest and
- How to enter into Transfer of Technology (ToT) agreement based on the terms given herein.

2. Brief about C-DAC

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Govt. of India for carrying out R&D in IT, Electronics and associated areas. It is a national Centre of Excellence, pioneering application-oriented research, design and development in Electronics and Information Technology.

The Centre has contributed significantly to the growth of the industry in general and the electronics sector in particular through the indigenous development of commercially viable systems and products, foreign technology absorption, adaptation and upgrades, consultancy and training and turnkey implementation of contract projects. The Centre has several firsts to its credits and is the recipient of prestigious national level awards for excellence in application-oriented R & D.

The Mission mode programmes of C-DAC include High performance computing, grid and cloud computing, Multilingual computing & Heritage Computing, Professional Electronics, VLSI and Embedded systems, Software technologies, Cyber Security & Cyber Forensics, Health Informatics, Intelligent Transportation Systems and others.

3. Brief description about the technology to be transferred

eGlancer is a stand-alone **Digital Forensic Kiosk (DFK)** for quick forensic preview and acquisition of evidential data from electronic gadgets – Smart Phones, SIM Cards, Memory Cards, Hard Disks and Pen Drives. The product supports law enforcement agencies for the preliminary and swift analysis of digital gadgets and confiscate the devices, if potential traces of evidential data is found. The easy-to-use Kiosk interface enables investigators to examine evidences and take forensic images of suspicious devices for detailed analysis. **eGlancer** can be stationed at various transit points like Airports, Seaports, Railway Stations & also at Police Station Houses. The quick preview and analysis of digital data available in the device can give a primary insight of the device contents and thereby the officers can take a wise decision. This will

reduce the unnecessary seizure and forwarding of exhibits to the forensic labs creating huge pendency of cases at the labs. The quick preview feature also avoids detaining travellers unnecessarily for detailed forensic acquisition and analysis reports.

3.1. Product Specification and features

3.1.1 Hardware

eGlancer is an electronic kiosk with an industrial PC with large monitor and touch-screen. The hardware specification is given below :-

- Intel i9 processor with 64 GB DDR4 RAM and 1 TB SSD with Windows 10 OS
- 4 TB SATA disk for evidence storage
- 24” Touch Screen Monitor
- Bluetooth 5.0
- UPS with 1 hour backup facility

The Dimension of the device is the flowing

- Height – 1400 mm
- Width –690 mm
- Depth – 560 mm



Figure 1 : Digital Forensic Kiosk

3.1.2 Hardware features

- Inbuilt front stand and drawer along with cables for connecting mobile phone and other devices
- Built-in write protected ports with interfaces IDE, SAS, SATA3.0, USB3.0, FireWire and PCI-e
- Support for mini-SATA, micro-SATA and M.2 interface connectivity
- Isolated power bay for hard disks
- SATA & USB ports for connecting destination disks
- Internal storage racks for holding cables and adapters
- Lockable trolley wheels for mobility
- Removable processing unit while transportation
- Feature to print preview reports
- Support mouse & keyboard to operate the KIOSK, apart from the touch-screen facility.

3.1.3 Software

- Supports forensic preview and imaging of Smartphones, Hard Disks, Pen Drives, Memory cards, CD/DVD and Blu-ray disks
- Supports hashing and imaging of hard disks, mobile phones and SIM cards
- Support preview of SIM for various form factors (micro, mini, Nano)
- Support both Android and Apple phones
- Support automatic detection of smart phones
- Support preview of documents, pictures, audio, video from phones and disks
- Classify the artifacts identified from both phones and disks
- Support preview and analysis of social chat apps from phones
- Support physical, filesystem and logical extraction of data from mobile phones
- Supports to generate preview reports

4. Invitation for Expression of Interest

- 4.1. C-DAC invites “Expression of Interest” (EOI) in the format given in Annexure-1 (Part A& Part B). Companies can become TOT partner of C-DAC based on the information furnished in Annexure – I, subject to the assessment by the C-DAC.
- 4.2. This EOI invitation is for ToT of the eGlancer hardware alone and does include the software for preview and acquisition.
- 4.3. The ToT partner need to purchase the software licenses separately for deployment and operationalisation of eGlancer
- 4.4. This invitation of EOI will be open till **31st August 2023**. No companies can become TOT partner of C-DAC for this product as per the terms and conditions specified in this EOI invitation after the EOI closure date. CDAC may extend the last date to respond to this EOI as required at its discretion.

- 4.5. Interested companies may submit the expression of interest (see section 5.0 and section 6.0)
- 4.6. Once an Expression of Interest is received at C-DAC, the same will be evaluated within 7days of receipt of the EOI at C-DAC.
- 4.7. The ToT prices are fixed from prices quoted by the bidders and approved by the ToT committee. The TOT prices will be intimated to interested companies based on their request.
- 4.8. All the participants in the EOI shall be permitted to become the TOT partner of -CDAC for eGlancer, after paying the fixed TOT price.
- 4.9. After the evaluation draft agreement will be shared with the eligible company. If the company agree to the terms and conditions of the agreement, the agreement can be signed after payment of the TOT license fee. The company then become eligible for obtaining the knowhow of eGlancer hardware for the prescribed period from C-DAC.
- 4.10. Participation in this EOI does not guarantee any association with C-DAC, unless the agreement is signed.
- 4.11. The technology is offered on non-exclusive basis.
- 4.12. The submission of the EOI shall include all such documents that are specified herein to prove the authenticity of their offer and any claim made therein. All cost and expenses associated with submission of EOI shall be borne by the bidder while submitting the EOI and C-DAC shall have no liability, in any manner in this regard, or if it decides to terminate the process of short listing for any reason whatsoever.
- 4.13. C-DAC reserves the right of rejecting any offer without assigning reasons.
- 4.14. There is neither a business guarantee nor any commitment for funding support from C-DAC to the selected TOT partner.

5. Who can Apply

- 5.1. Any Indian Company (Limited, Private Limited, MSME or Start Ups) willing to acquire TOT licenses, manufacture, market, sell and deploy **eGlancerDFK**.

6. How to Apply

Interested companies may send expression of interest by filling the template as per Annexure – I, along with supporting documents to

Head, Technology Promotion Centre

Centre for Development of Advanced Computing (CDAC)

Vellayambalam, Thiruvananthapuram, Kerala, India, 695033

Phone: 098470 69184/04712723333(450) Fax: 0471 2723456

Email: tpc@cdac.in Website: www.cdac.in

7. TOT Agreement

- 7.1. The TOT partner is selected based on the expression of interest submitted by interested companies and the acceptance of TOT price.
- 7.2. If selected, the company shall pay TOT fee and sign the TOT agreement to become TOT partner of C-DAC for eGlancer.

- 7.3. CDAC shall sign the technology transfer agreement with the technology partner on receiving the TOT fee.
- 7.4. Provision for instalment payment for TOT fee shall be given. The start-up companies can pay the TOT fee in 2 instalments in **30:70** format and other companies can pay the 2 instalments in **50:50** format.
- 7.5. However, the eGlancer technology shall be transferred only after completing the full TOT payment.
- 7.6. The license will be granted on Non-Exclusive basis.
- 7.7. **No TOT partner will be eligible to quote for eGlancer for any tender/client requirements unless he enters into TOT agreement with CDAC and pays the TOT fees. The TOT fees are non-refundable. In case any party offers /quotes the rates without an agreement with CDAC, CDAC will not honour the rates/ not liable to give the ToT to such party.**

8. Software licenses for eGlancer Deployment

- 8.1. The eGlancer hardware requires software for its working and the same was designed and developed by C-DAC.
- 8.2. The ToT partners need to purchase software licenses separately for deployment of eGlancer
- 8.3. The software licenses can be purchased by TOT partner on payment of the software license fee separately. These software licenses are needed for the partner to deploy the eGlancer solution to the customers.
- 8.4. The software license fee details are given in the Table 1 of Section 15.
- 8.5. The software shall have a one-year period of warranty support from the date of purchase of the license. During this period, any software updates/releases shall be made available to the client through the ToT partner. For the period beyond the one-year warranty support, ToT partner has to pay C-DAC an AMC support charge of 15% of the cost of software license.

9. Validity & Renewal of TOT agreement

- 9.1. Payment of TOT license fee grants the partner for manufacturing, marketing and selling eGlancer for a period of **3 years** from the date of signing of the agreement
- 9.2. For continued support beyond 3 years the partner shall be required to renew the ToT agreement by paying the renewal charges and applicable taxes before the expiry of valid TOT license, which will be valid for a further extended period of two years.
- 9.3. The renewal charges shall be informed while signing the TOT agreement.
- 9.4. If the renewal is initiated after the stipulated period, a fresh TOT agreement needs to be signed by the company based on the EOI conditions prevailing at that time.
- 9.5. After five years (from the date of signing the ToT agreement) a new TOT agreement is to be signed by the company based on the EOI conditions prevailing at that time.
- 9.6. The partner should have a valid eGlancer TOT license for purchasing new software licenses from C-DAC.

10. C-DAC Deliverables

- 10.1. On payment of TOT fee and signing of ToT agreement, the following items shall be provided by C-DAC to the TOT partner for product marketing
 - i. Documents detailing the specification, design, technology and other know-how of **eGlancer** hardware.
 - ii. TOTpartnership certificate (validity 3 years)
 - iii. Demo version of eGlancer software license with 90 days validity.
 - iv. User Manual
 - v. Marketing materials – Brochure, promotion videos, marketing leaflet
- 10.2. On payment of each software license fee, the following items shall be provided by C-DAC to the TOT partner for the deployment of **eGlancer**
 - i. eGlancer software executable with perpetual license against every commercial order
 - ii. Valid hardware dongle to operate eGlancer software
 - iii. Installation Manual
 - iv. User Manual

11. Training for TOT Partners

- 11.1. C-DAC shall arrange two daysproduct level marketing/ sales training on **eGlancer** to the ToT partner at C-DAC(T) after signing of TOT agreement.
- 11.2. The training will be conducted at C-DAC(T) premises.
- 11.3. Thetravel and boarding and lodging expenses of the trainee(s) during the period of training shall be borne by the ToT partner.
- 11.4. For training requested outside C-DAC (T) premises air travel, boarding and lodging charges of C-DAC (T) officials shall be borne by the ToT partner. C-DAC shall also charge manpower as per C-DAC rules prevailing at the time of training for outstation training. Nomination of the C-DAC trainers and period of stay for outstation training will be decided by C-DAC on mutual consultation, depending on the type of training requested.
- 11.5. Additional training may also be given by C-DAC either at the premises of C-DAC (T) or at the location identified by the ToT partner on payment basis at mutually agreed terms and conditions.

12. Field implementation support

- 12.1. C-DAC(T) shall provide remote support to the ToT partner for installation and configuration of **eGlancer** software.
- 12.2. If any onsite support is requested by the ToT partner, C-DAC shall support on mutually agreed terms and conditions.
- 12.3. For onsite support outside C-DAC premises travel, boarding and lodging charges of C-DAC (T) officials shall be borne by the ToT partner.C-DAC shall also charge manpower as per C-DAC rules prevailing at the time of support request for outstation support. Size of the C-DAC team and period of stay for outstation support shall be decided by C-DAC on mutual consultation, depending on the type of support requested.

13. Direct deployment by C-DAC

- 13.1. C-DAC reserves the right to deploy **eGlancer** solution directly to customer on orders awarded directly by the end user.

14. Maximum List Price /GeM Price

- 14.1. The Maximum List Price/GeM price of eGlancer shall be **Rs.22.00 Lakhs**, excluding tax. However, the TOT partner can fix their selling price at any level below the list price.

For any queries please contact:

Section Head (Technology Promotion Centre)
Vellayambalam, C-DAC, Thiruvananthapuram
Contact: 098470 69184/04712723333(450),
email: tpc@cdac.in

Annexure –I (Part-A)

Company Profile of the bidder

A.	Company Profile
1.	Name of the Organization: Website:
2.	Name of the Contact Person: Address: Mobile: Landline: Fax: E-Mail:
3.	Year of Incorporation:
4.	Type of Organization a. Public Sector/ Limited/Private Limited/ Partnership/Proprietary/ Society/ Anyother b. Whether 'Foreign Equity Participation (Please give name of foreign equity participant and percentage thereof) c. Names of Directors of the Board/ Proprietors d. Name and address of NRI(s), if any
5.	Category of the firm: Large/Medium/Small scale unit / Others
6.	Address of the Registered Office: (Include Certificate of Registration)
7.	Number of Offices with addresses (Excluding Registered Office): India, Abroad:.....
8.	Certificate of registration as a manufacturing unit
9.	Permanent Account Number
10.	GST Reg. No.
11.	ISO or any equivalent Certification

Annexure – I (Part B)**Technical Collaborations of the bidder**

B.	ESSENTIAL REQUIREMENTS
1.	The organization must be a reputed firm/company/SME/startup/R&D company incorporated in India.
2.	The turnover is to be supported by financial statements of accounts/ Annual reports duly certified by a Chartered accountant/ Balancesheets of last 3 years/ Income tax returns for the last 3 years period.
3.	Company profile, giving details of current activities and management/ personnel structure including evidence of incorporation. The company should be registered and ISO orequivalent certified.
4.	Details of absorption of technology for a product/knowhow that has been taken up on production scale in the past may also be given
5.	The manpower strength (Technical:Mechanical, Electrical, Electronics, Software & Non-Technical etc.) at various levels to be furnished Technical: a. B.E./ B.TECH/PhD b. DIPLOMA c. SKILLED TECHNICIANS d. UNSKILLED
6.	The list of machine tools /equipment/software/facilities available related with work to be furnished.
7.	The in-house technological expertise available to be furnished
8.	The list of equipment available for inspection and quality control to be furnished.
9.	The industry should have adequate space for undertaking this work. Available space - Covered & Open and location details to be furnished.
10.	List of products/technologies worked with as regular activity in last three years. Give the list of products/technologies with general specifications and the customers.
11.	List of PSUs/Govt.customers – with contact details (Address,Telephone no., Contact Person)
12.	The details of sales, marketing and maintenance network to be furnished
13.	The list of technical collaborators for various ongoing products may be furnished
14.	The bidder shall provide details of the sub-vendors in case they propose to employ for Part-work.
C.	Expression of Interest: Spell out the extent of interest and envisaged market potential

I hereby declare that the above information is true to the best of my knowledge.

Signature with Name & Seal:

Place:

Date:



eGlancer
Digital Forensic Kiosk



eGlander is the Digital Forensic Kiosk (DFK) for quick forensic preview and imaging of evidential data from Smart phones, SIM Cards, Hard Disks and other storage devices. DFK can be stationed at various transit points like Airports, Seaports, Railway Stations, and at Police Station Houses. The authorised officer can conduct primary and swift analysis of contents within the digital gadget and confiscate the device, if having possible traces of evidential information. The easy-to-use interface allows investigators to examine evidences in a short period of time. Forensics images of suspicious evidence can be further transferred to a remote storage for detailed analysis.



Features

- First responder hardware solution for forensic preview
- Guides users through step-by-step procedures for preview / extraction of data
- Built-in write protected ports for connecting hard disks with interfaces IDE, SAS, SATA3.0, USB3.0, FireWire and PCI-e
- Preview of documents, pictures, audio, video
- Provides isolated power bay for hard disks Provides isolated power bay
- SATA & USB ports for connecting destination disks
- Internal storage racks for holding cables & adapters
- Scales up capability for addressing cyber crimes
- The preview eliminates unnecessary seizure and avoid backlogs at cyber labs

 Supports

- Android and iOS devices with dedicated ports for connection
- Preview of SIM Cards with various form factors (Micro, Mini, Nano)
- Hard Disks, Pen Drives, Memory cards, CD/DVD & Blu-ray disk using adapters mini-SATA, micro-SATA & M.2 interface connectivity
- Imaging & Hashing of hard disks, mobile phones and SIM cards
- Capturing of social networking chat data from phones
- Preview report generation