

**CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)**

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27  
Phone: 0471-2380910, 912 Fax: 0471- 2380681

No. C-DIT/CST/ES/22-23/T295

Date: 11.04.2022

**TENDER NOTICE**

**SUPPLY AND INSTALLATION OF FACE RECOGNITION SYSTEMS ,  
CENTRALIZED /WEB APPLICATION SOFTWARE AND MIFARE RF ID CARD.**

Sealed tenders are invited for the supply and installation of face recognition systems , web based application software and mifare RF ID cards. The envelopes containing the tender should bear the superscription ***“Tender for the supply and installation of Face Recognition Systems , Web Based Application Software and Mifare RF ID cards “*** and should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chitranjali hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **25.04. 2022, 3.00 PM**. Late tenders will not be accepted. The tenders will be opened at **3.30 PM on 25.04. 2022** in C-DIT office in the presence of the tenderers or their authorized representatives who may be present at that time. Details of the requirements and the conditions governing the supply can be downloaded from our website [www.cdit.org](http://www.cdit.org)

Thiruvananthapuram

13.04.2022

Sd/-

REGISTRAR

**CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)**

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

No. C-DIT/CST/ES/22-23/T295

Date: 11.04.2022

**FORM - A**

**TENDER FOR SUPPLY AND INSTALLATION OF FACE RECOGNITION SYSTEMS ,  
CENTRALIZED/WEB APPLICATION SOFTWARE AND MIFARE RF ID CARDS.**

**Requirements:**

- 1. Face Recognition Systems - 3 Nos**
- 2. Centralized/Web Application software - 1 No**
- 3. Mifare RF ID cards - 250 Nos**

**SPECIFICATION -**

**Technical Specification**

**1. Face Recognition System (3 Nos)**

7 20p wide-angle dual-lens

Face anti-spoofing

Face recognition distance: 0.3 m to L'5 m

Deep learning algorithm

3000 face capacity, 3000 card capacity, 3000 Fingerprint capacity and 150,000 event Capacity.

Face recognition duration 0.2 s/User;

Face recognition accuracy rate >- 99%

Mask Detection Support

Metal Box with LED [Red & Green), Battery backup

Multi location solution:Multi Location Centralized solution / Sync finger Template across

Auto Sync with S/w data: Push Data Technology, server should automatically sync with device

Minimum 1 year product warranty.

- The device should capture the individual biometric information like face, finger, RF ID , Password etc
- Device should support multiple shift.
- The device should support both web based (centralized) and desktop application and should support both windows and Linux.
- Should have to take customized reports as per the clients requirement.

## **2. Centralized/Web Application software (1No)**

- The application software for Attendance Management should provide real time integration with devices like Advanced Face verification technology, Biometric and RFID cards. The application should capture and process employees attendance of 3 locations and maintain database of all the employees for various report generation. The application software should support DBMS for web based centralized report generation and management.
- Minimum 5 year Application software warranty/support
- The Application software Should support the integration of SPARK data in future.

## **3. MIFARE RF ID Card (250 Nos)**

Type –CR80 PVC RF ID MIFARE 1K Card

Size-85.6 mm x 54 mm

Lanyard- Satin with 16 mm width digital printing [Multi colour]

Card Holder black /White with Hook

### **Special Condition for work**

- Application software for generating various reports as required.
- Integration to existing centralized attendance system and custom report generation.
- Bidder should responsible for the integration of centralized attendance system and the daily attendance statement shall be pushed to SPARK.
- Bidder shall responsible for the data sending from the centralized location to the SPARK database automatically.
- Bidder should provide necessary support and training to employees during the integration of Biometric attendance system with SPARK.
- The software should support for exporting report to :Excel, CSV,PDF, XML
- The software/database should provide report to day-wise/shift wise attendance with specified hours and minutes are to be generated. Reports like Present only/absent only or both to be generated.
- The Attendance system should be compatible to switch over the same employee for registering day and night duty attendance. Also compatible to adjust the duty off of the employees performing night duties.

- The Device should be capable of capturing attendance during the failure of mains power and absence of network communication. Then should capture and hold the data in a local memory until the connection to the central server resumes. There shall be automatic syncing of data between the device and the server on resumption of network communication.
- The attendance management /Monitoring software used to access the device should be web enabled and accessible from anywhere through Internet using browser.
- The software must have remotely configuration for controlling the device.
- The attendance log of the device should be synchronized with the central database.
- The software should support communication through LAN, WAN, Internet and GSM/GPRS.
- The software should support data migration to other application software and/or database.
- The software should support for the continuity in data in data transfer between devices and server in case of network failure for certain period.

## **GENERAL TERMS AND CONDITIONS**

1. This Tender is invited for the " ***supply and installation of Face Recognition Systems , Web Based Application Software and Mifare RF ID cards***" is for one of the projects taken up by C-DIT.
2. **ELIGIBILITY CRITERIA OF TENDERER**  
To qualify for award of the work, the intending bidder must be an OEM authorized dealer / supplier of the quoted items with prior experience in supplying same or similar equipments at least to two clients in the last two years.
3. The bidders will be responsible for effecting supply to the entire satisfaction of the undersigned or his authorized representatives. In case any defect in the item supplied is noticed, such item will be rejected at the risk and cost of the Supplier.
4. Bidder shall invariably be accompanied by manufacturer's catalogues and leaflets giving full specifications. Technical particulars and other details of the items offered, 'brand make' and complete specification should be mentioned in

the tender. In the absence of full details and technical specification the tenders for the items will be rejected.

5. The undersigned does not bind himself to accept the lowest tender and reserve himself the rights of accepting the whole or any part of the tender and the bidder shall be bound to supply the accepted item at the rates quoted. C-DIT reserve the right to split the quantity of items to be supplied among one or more bidders, at the sole discretion
6. No advance payment will be made against supplies.
7. The rate quoted by the bidder shall be inclusive of the transportation charges and installation charges at site. Rates quoted by the bidder shall be valid for a period of six months from the date of opening of the tender.
8. Delivery period shall be specifically indicated in the tender and strictly adhered to. The supply shall be arranged within **14 days** on receipt of the firm order. Any delay in the delivery period after the supply order is placed may result in cancellation of the supply order or payment of liquidated damages @ ½% per day subject to a maximum of 10% of contract price
9. The rate should be quoted for the unit shown in the list and tenders which do not indicate this essential information will not be considered.
- 10. The supplier shall submit the price offers in “Form B” in sealed envelope.**
11. The rate quoted for material shall be firm and no enhancement will be allowed under any circumstances.
12. If the bidder furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.
13. After Sales Service: The bidder should have after sales service centre in all Kerala. Complaints should be attended properly, maximum within 24 hrs. The service should be provided directly by bidder’s trained personal.
14. All items offered shall conform in all respects to the relevant Indian standard Specification with up to date amendments wherever applicable.
15. Any dispute / differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations. Unresolved disputes/ differences, if any, shall be settled by Arbitration and the arbitration

proceedings shall be conducted at Thiruvananthapuram (India) in English language, under the Indian Arbitration and Conciliation Act(Amended), 2015. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.

16.C-DIT reserve the right to cancel any or all tenders without assigning any reasons whatsoever

17.PAYMENT TERMS

The following terms of payment shall be applicable for the contract

a) 90% payment against successful supply and installation of the Equipment.

b) 10% released after one month from the date of supply.

18.Agreement: The Successful bidder within 7 days of getting confirmed purchase order has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper, to ensure warranty and after sales support during the warranty period.

19.Authority: The authority for the acceptance of the tenders rests exclusively with the C-DIT.

20. At any time prior to the deadline for submission of tenders, the C-DIT may, for any reason deemed fit by it, modify/amend the tender documents by issuing suitable amendment(s)/ corrigendum's to it. Corrigendum to this tender shall be published in the site [www.cdit.org](http://www.cdit.org). Prospective bidders are advised to regularly visit the website: [www.cdit.org](http://www.cdit.org) to keep track of corrigendum, if any.

21.In case of doubt:

If the bidder has any doubt on technical specifications or on terms & conditions stipulated above, please contact Sri.Pradeep.N.S,in Mobile Number: 9995017924

**The last date for submission of bids : 3.00 PM on 25.04.2022**

**The bids opening day : 3.30 PM on 25.04.2022**

Sd/  
REGISTRAR, C-DIT  
Dated 13.04.2022



**CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)**  
Chithranjali Hills, Thiruvallam P.O., Thiruvananthapuram – 695 027

No. C-DIT/CST/ES/22-23/T295

Date: 11.04.2022

**FORM - B**

Sl.NO	<i>Item Description</i>	<i>Qty</i>	Unit Price	GST	Total Price
1	<b>Face Recognition Systems</b>	3 Nos			
2	<b>Centralized/Web Application software</b>	1 No			
3	<b><i>MIFARE RF ID cards</i></b>	250 Nos			
<b>Total</b>					

Date

Stamp

Name & Signature of Bidder