

राष्ट्रीय प्रौद्योगिकी संस्थान गोवा

NATIONAL INSTITUTE OF TECHNOLOGY GOA

Farmagudi Ponda Goa 403401

Phone: (0832) 2404206: Fax: (0832) 2404202

सूचना कोटेशन आमंत्रित करने के संदर्भ

NOTICE INVITING QUOTATION

No: NITGOA/INST/PUR/2023-24/OW/249

Dated: 30/6/2023

NAME OF PROCUREMENT

खरीद का नाम

Face Recognition Biometric Attendance System

NATIONAL INSTITUTE OF TECHNOLOGY GOA

Farmagudi Ponda Goa 403401

Phone : (0832) 2404206, 2404205 :: Fax : (0832) 2404202

To

Shri/M/s.....

Address.....

.....
.....

Name of the procurement: **Face Recognition Biometric Attendance System**

No NITGOA/INST/PUR/2023-24/OW/ 249

Dated:30/6/2023

Dear Sir,

A Detailed notice inviting Quotation incorporating the technical specification as well Instructions and Conditions are enclosed herewith.

You are requested to submit your sealed quotation with all relevant documents latest by **01.00 PM on or before 21/07/2023**.

Yours faithfully,

TC Adel

Registrar

**National Institute of Technology
Goa**

**National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401**

NATIONAL INSTITUTE OF TECHNOLOGY GOA

Farmagudi Ponda-Goa 403401

Phone: (0832) 2404206 Fax: (0832) 2404202

NOTICE INVITING QUOTATION

Ref: NITGOA/INST/PUR/2023-24/OW/ 249 Dated: 30-06-2023

Sealed Quotations are invited from Bidders for "**Procurement of Face Recognition Biometric Attendance System**".

Quotations will be received up to **01.00 PM on or before 21/07/2023** and will be opened on the same day at **02.00 PM**, if intending quotationeres want to participate during quotation opening they can do the same or send their representative for the same with a proper authorization letter. In case, the day of submission of the quotation happens to be a holiday on account of Govt. notification or weekends and quotation cannot be received or opened, the quotations shall be received on the next working day at **01.00 P.M. and will be opened on same day at 02.00 P.M.** for which no separate communications will be made. Other terms and conditions are enclosed.

Last date and time for submission: **Upto 01.00 P.M. on or before 21/07/2023**.

Quotation Opening Date and time: **At 02.00 P.M. on 21/07/2023**.

Application for Quotation Document must be accompanied by filled in PFMS Form. Quotation Notice can be downloaded from the Tender section of website www.nitgoa.ac.in or it can be downloaded from <https://eprocure.gov.in/epublish/app>

. **There is no download fee/EMD for the same.**

Director NIT GOA has the right to reject any or all the quotations received without assigning any reason thereof.

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Registrar

National Institute of Technology Goa

National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Instructions to bidders:

1. The bidders should submit the quotation along with mandatory documents to Inward section NIT GOA (Administration office, Main Building) and the envelope should be super scribed as Quotation Enquiry No. NITGOA/INST/PUR/2023-24/OW/249 dated 30/06/2023 for "**Face Recognition Biometric Attendance System**"
2. The quotation should be addressed to "**The Director, NIT Goa Farmagudi Ponda Goa 403401**".
3. The rates should be quoted both in figures and words and legibly written without any over-writings. In case of any correction, the same must be attested by the bidder with a full signature.
4. In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
5. The last date for receipt of the quotation is marked in the inquiry. In case the above date is declared a holiday for NIT Goa, then the bids will be received up to the appointed time on the next working day.
6. The quotation may be sent by post, to reach the office NIT Goa before the last date of receipt, or be submitted in the office of the normal working hours of the Institute. (**09.00 A.M. to 05.30 P.M.**)
7. Intending bidders requires any clarification regarding the notice inviting quotation, he may mail to asst.reg@nitgoa.ac.in at least **02 days** before the last date quotation submission time.
8. **Quotation submitted after the last submission date will not be accepted and his quotation will be treated as non-responsive.**
9. Intending bidder shall submit only one quotation. A bidder, who submits more than one quotation, shall be disqualified and considered non-responsive.
10. The quotation shall be opened by the committee in the NIT GOA at the date and time given on the top of the document. The bidder may send their authorized representatives to attend the quotation opening with proper authorization letter if they so desire. In the event of the above quotation opening date being declared a holiday for the NIT Goa, then the bids will be opened at the appointed time and place on the next working day.
11. **The bidder has to put a seal and sign in full at all pages of the quotation notice including all annexures and price bid failing which the bidder will be disqualified.**
12. Director NIT GOA has the right to reject any or all the quotations received without assigning any reason thereof.
13. If the offered item covers the warranty period it has to be mentioned by bidder in the quotation. (Certificate should be provided). Failing to provide the Product service during the warranty period will entitle the firm/proprietor debarment from NIT Goa Procurement.

Conditions of the participation in quotation:

1. The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance, training cum demo charges (if any), and all other incidental charges mentioned separately.
2. **The goods has to be supplied within 21 days from the date of receipt of the purchase order either by mail or post whichever is earlier.**
3. If insisted, samples shall be provided by the supplier at the entire cost and risk of the supplier. The installation of the equipment and training cum demo should be provided (if required)
4. The bid should remain valid for **45 days** from the date of opening.
5. Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
6. The goods offered should strictly conform to the specification and technical details mentioned in technical specification by NIT GOA.
7. Any Liability regarding GST will be of the supplier of products. Also, any obligations regarding Indian Acts will be the responsibility of the supplier of products only.
8. If the successful bidder, on receipt of the supply order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT Goa to recover liquidated damage from the firm at the rate of 0.5 percent of the value of undelivered goods per week or part thereof, subject to a maximum of 10 percent of the value of undelivered goods beyond the due date for delivery. Alternatively, it will also be opened to the Director NIT GOA to accept the part supply by the contractor and arrange to procure remaining items from other modes as per GFR 2017 Rules.
9. Payment (As per goods supplied, after deduction (if any)) will be made by Wire transfer within 30 days from the installation (if any) or receipt of the goods in good condition or receipt of the bill, commissioning of the equipment, where applicable, whichever is later/latest.
10. In the event of any dispute arising out of the quotations or from the resultant contract, the decision of the Director, NIT Goa shall be final.
11. Any disputes arising out of this inquiry shall be dealt with in the Goa jurisdiction only.

12. Criteria for Evaluation of Lowest Quotation:-

- a) The bidder has to quote for all the items mentioned in the price bid. Failing to quote for one or more than one item will result in the disqualification of the quotation. (Quotation to be submitted on the firm letterhead mentioning GST No., PAN no. of Firm/Proprietor.)
- b) Signed and stamped copy of the entire quotation notice along with a copy of GST Registration Certificate and PAN card to be submitted by the bidder.
- c) After fulfilling the criteria mentioned at point 12 (a-b) those quotation which are lowest in Total (of all items) will be awarded the order.

Documents required for bill processing:-

1. Filled and duly signed Bidder information sheet
2. Filled and duly signed PFMS Mandate Form

IEA
Registrar
NIT GOA

National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Price Bid

Date:-

Sr.No	Description	Quantity	Total in Rs.
1.	Face Recognition Biometric Attendance System	02 nos	
Total in Rs. (excluding taxes)			
Other charges (if any), please specify			
Taxes in Rs.			
Grand Total in Rs. (In figures)			
Grand Total (In words)			

M. Andra
National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Date:-

PFMS Mandate Form

Sr. No	Details Required	Information
1	Name of Vendor/Supplier	
2	Date Of Birth / Date of Incorporation	
3	Father/Husband Name	
4	Aadhaar Number	
5	GST No	
6	PAN No	
7	Complete Address	
8	City	
9	Country	
10	State	
11	District	
12	PIN Code	
13	Mobile No.	
14	Telephone No.	
15	E Mail Address	
16	Account Holder Name	
17	Bank Name	
18	Bank (Branch)	
19	Bank Address	
20	Account No.	
21	IFSC Code	
22	Swift Code	

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I/we would not hold the user Institution responsible.

Name:

Stamp/Seal & Signature of Vendor/Supplier

National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Bidder Information Sheet

1	Company Name	
2	Company Registration Number	
3	Registered Address	
4	Name of Partners / Directors	
5	Bidder Type	
6	City	
7	State	
8	Postal Code	
9	PAN/TAN Number	
10	Company's Establishment Year	
11	Company's Nature of Business	
12	Company's Legal Status (Limited Company, Undertaking, Joint venture, Partnership and others)	
13	Company Category (micro unit as per MSME, Small unit as per MSME, Medium unit as per MSME, Ancillary unit, Project Affected person of this company, SSI, Others)	
14	Contact Person Name	
15	Date Of Birth (DD/MM/YYYY)	
16	Correspondence Email	
17	Designation	
18	Phone	
19	Mobile	

Note: If the information is not pertaining to the bidder, in third column he should specify as "Not Applicable" the information sheet should be sealed and signed.

16 Aug 2021
 National Institute of Technology Goa
 Farmagudi, Ponda-Goa 403 401

Specification of Face Recognition Biometric Attendance System

Type

Face Recognition Technology	Standalone Device
Type of Face Recognition Biometric Attendance System	Embedded Linux Based
Face Storage Capacity	3000
Fingerprint Scanning Feature	Yes
If Yes, Fingerprint Storage Capacity	15000
Maximum Attendance Log	100000
Management Log	10000

HARDWARE SPECIFICATION

Screen Size (Minimum)	4.3 inch
Screen Type	Touch
Screen Resolution	768 x 480
Processor Speed (GHz)	1.2
RAM	128 megabyte
Storage	512 megabyte
Micro SD Card Support	No
If Yes, Storage Expandability (through Micro SD Card)	4
Number of USB Ports	1
Number of Micro USB Ports	0
Front Camera (Megapixel)	0.3
Power over Ethernet (PoE)	No
Network Connectivity	LAN
Audio Output Voice Interface	Yes

Biometric Attendance System Specification

Identify Mode	Face and FP and Card and PIN (All Combination)
Display Language	English
Communication	TCP/IP

Encryption (AES)	128
Liveness Detection Method	Texture Based
Identification Time (Maximum)	1 second
Matching Modes	1:N(1) 1:1(1)
Enrolment Time	1 second
False Acceptance Rate (FAR)	$\leq 0.01\%$
False Rejection Rate (FRR)	$\leq 1\%$
Minimum Face Size for Detection (Pixel)	40 x 40
Minimum Face Size for Recognition	100 x 100
Registration Face Template Size (KB)	100
Recognition Face Template Size (KB)	100
Partial Facial Occlusion Recognition	No
Beards and Hairstyles Recognition	No
Sunglasses Recognition	No
Irregular Lighting Recognition	No
STQC Certified Finger print Scanner	No
If Yes, STQC Certificate number for Fingerprint Scanner	NA
If Yes, STQC Certificate Date & Validity for Fingerprint Scanner	NA
Fool Proof System based on novel liveness detection algorithms to avoid impersonation/fraud	Yes
Application Supported on Device bundled with Face Recognition Software	Yes
Device Operating System	Linux

Casing

Case with Locking Facility	No
Device Casing Material	Acrylic
Ingress Protection Rating (IP)	0
Drop Test Compliance for Casing from a height of 1 meters	No

MISCELLANEOUS

RoHS Compliance	No
BIS Registration under CRS of Meity	Yes
If Yes, BIS Registratin number, date and its validity	R-41073490
Other Certifications available	UL,CE,FCC

Minimum Operating Temperature	-20 degree Celsius
Maximum Operating Temperature	45 degree Celsius
Minimum Storage Temperature	-20 degree Celsius
Maximum Storage Temperature	45 degree Celsius
Minimum Operating Humidity (RH) (%)	20
Maximum Operating Humidity (RH) (%)	80
Power Source	Battery
Battery Required	Yes
If Yes Battery Capacity (mAH)	2000
If Yes, Indicative Battery Backup Time	2 hour
Dimensions (mm x mm x mm)	194.1x169x109
Weight	1.6 kilogram
Type Test Certificate Covering all parameters and Environmental tests from STQC certified lab	No
If Yes, TTC number and Date	NA
If Yes, Name of the Lab	NA
If Yes, Address of the Lab	NA

OTHER OPTIONS

Availability of Mobile Device Management (MDM) Support	No
Mobile Device Management (MDM) License and Support	1 Year
Mobile Device Management Hosting (MDM)	Cloud Based

WARRANTY

On Site OEM Warranty (Year)	1
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Compatible Software and SDK (Software Development Kit)	Smart office suite desktop and web
	eTime track lite desktop & web
	SDK for desktop applications
	Web based Device Manager/ePush server using Push data. Helps developers & integrators
	It should support 3rd Party Payroll/HRMS/ERP and Other applications