



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/4566138  
Dated/दिनांक : 01-02-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	12-02-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	12-02-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Kerala
Department Name/विभाग का नाम	Home Department Kerala
Organisation Name/संगठन का नाम	Police Department
Office Name/कार्यालय का नाम	Police Headquarters
Total Quantity/कुल मात्रा	82
Item Category/मद केटेगरी	Embedded Linux Based Biometric Attendance System (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	25 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	30 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance/विगत प्रदर्शन	30 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid

**Bid Details/बिड विवरण**

<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	3 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	23200

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

Junior Supdt  
Police Headquarters, Home Department Kerala, Police Department,  
(Sureshkumar K)

**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

No

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Embedded Linux Based Biometric Attendance System ( 82 pieces )

### Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Specification	Type	Embedded Linux Based Biometric Attendance System
	Screen Size (Inch)	3 ? N < 5
	<b>Processor Speed (MHz)</b>	1000
	<b>RAM (GB)</b>	1
	<b>Internal storage (GB)</b>	8
	<b>Network Connectivity</b>	LAN + Wifi 802.11b/g/n both
	<b>Mifare Card Support</b>	Yes
	Queue Throughput (Number of people to mark attendance within one minute) (Number)	20, 30
	Device Casing Material	Polycarbonate, Thick Plastic
	Ingress Protection	IP 54, IP 65

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	On Site OEM Warranty	3

**Additional Specification Parameters - Embedded Linux Based Biometric Attendance System ( 82 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Specification and General conditions	Attached in the Additional terms and conditions

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	K C Ceynoy	695033,Opp. South Zone ADGP Office & IGP Trivandrum office, Nandavanam,Thiruvananthapuram	82	20

**Special terms and conditions-Version:1 effective from 09-02-2023 for category Embedded Linux Based Biometric Attendance System**

- Fingerprint Scanner supplied as part of this category is covered under BIS CRS as per IS: 13252 (Part 1). Seller has to ensure compliance of BIS CRS certificate against the same . In addition Biometric Identification Device (Single Print Scanner) must have the STQC certification and shall be UIDAI Certified Registered Device. Sellers are to ensure that Copy of certificates may be furnished to the buyer on demand. All procuring authorities who are placing orders against this category shall ensure that certificate copies obtained and verified before acceptance of product supplied***

**Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**

**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

**3. Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

The Chief Store Keeper  
Police Chief Stores  
Nanadavanam Palayam  
Thiruvananthapuram  
Kerala

**4. Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

The Additional Assistant Inspector General of Police  
payable at  
Thiruvananthapuram

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

**5. Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

**6. Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

**7. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**TECHNICAL SPECIFICATION OF AADHAR ENABLED BIOMETRIC PUNCHING MACHINE (AEBAS)**

<b>GENERAL</b>	
Credential Support	Finger, Mifare Card, AADHAAR (PIN)
Card Support	Mifare Smart Card (Read/Write)
Sensor	STQC Certified finger print Scanner

Keypad	Touch Screen Based
DISPLAY	3< Nit; 5
Display Size	320 x 240 Pixels
Size of Wallpaper	512Kb
<b>COMMUNICATION</b>	
Network connectivity	LAN + Wi-Fi 802.11 b/g/n both
<b>INTERFACES</b>	
USB	One or more USB ports for 3G Connectivity and Data Transfer
Buzzer	Yes
User Photo Display	Yes
<b>CONFIGURATION</b>	
Processor Speed	1000 MHz
Platform (Operating System)	Embedded Linux
RAM Memory	1GB
Internal Storage	8 GB
<b>ELECTRICAL</b>	
Input Power	12 VDC @ 2A
<b>ENVIRONMENTAL</b>	
Operating Temperature	0°C to + 50°C (32°F to 122°F)

CERTIFICATIONS	<b>UIDAI Certified Registered Device.</b> e. STQC, CE, IP54 or higher, Shock and Vibration Proof etc.
Warranty	3 Years

## General Terms and Conditions

### General Terms and Conditions

SL No.	Criteria
1	OEM /OEM Authorised Bidder should have existing capability and infrastructure to provide technical support in Kerala.
2	OEM/ OEM Authorised Bidder should be a registered business entity in India with their branch office in Kerala. Need to submit GST registration certificate.
3	The Authorized Bidder should possess an Authorization Certificate directly from the OEM and the same should be submitted in the physical and digital formats.
4	The OEM should have ZED certification issued by the MSME and Quality Council of India (QCI).
5	Proposed OEM should have dedicated, toll-free telephone numbers for after-sales support.
6	OEM should have ISO / IEC 14001:2015, 20000-1:2011, 27001 -2013 and 9001:2015,8000-2014 certifications
7	Bidder/OEM should provide escalation matrix defining who should handle incidents at each escalation level with names and contact details for each level.

8	Experience Criteria: The Bidder or it's OEM (themselves or through a reseller) should have regularly, manufactured and supplied same or similar category products to any Central/State Govt Organization/PSU/Public Listed Company for 1 year before the bid opening date. Copies of relevant contracts to be submitted along with the bid in support of having supplied some quantity during each of the year.
9	The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.
10	Datasheets of the product(s) offered in the bid are to be uploaded along with the bid documents. Buyers can match and verify the Datasheets with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
11	OEM should not be blacklisted by any Central/State Govt. organization, PSU, Public Listed Company or Indian Army.
12	CE and FCC Certifications should be from NABL or Govt. accredited laboratories.
13	<u>Device should be UIDAI approved, STQC, BIS Certified and should be listed by NIC on attendance.gov.in in BAS compatible devices.</u>
14	3 Year Onsite Warranty service support, need to rectify the faulty devices within 48 working hours.
15	<b>OEM /Authorised bidder need to submit a written confirmation on Rs.200/- Kerala stamp Paper with Authorised Sign and Seal that their readiness to bid with an undertaking that they will upgrade the Finger print scanners to L1 without any Commercial impact to the Department as and when UIDAI makes its mandatory to roll out L1 certified finger print devices for authentication.</b>
16	Devices Cost should cover GST, Installation , Warranty and Onsite 3 Year service Support.

#### 8. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)



## 9. Warranty

Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

## 10. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

## 11. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

The Additional Assistant Inspector General of Police  
payable at  
Thiruvananthapuram

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

## 12. Generic

Scope of supply includes Training: Number of employees to be trained

50  
, Place for Training  
Thiruvananthapuram  
and Duration of training  
2  
days.

## 13. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.

8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

**---Thank You/धन्यवाद---**

## TECHNICAL SPECIFICATION OF AADHAR ENABLED BIOMETRIC PUNCHING MACHINE (AEBAS)

<b>GENERAL</b>	
Credential Support	Finger, Mifare Card, AADHAAR (PIN)
Card Support	Mifare Smart Card (Read/Write)
Sensor	STQC Certified finger print Scanner
Keypad	Touch Screen Based
DISPLAY	3.5" Nit; 5
Display Size	320 x 240 Pixels
Size of Wallpaper	512Kb
<b>COMMUNICATION</b>	
Network connectivity	LAN + Wi-Fi 802.11 b/g/n both
<b>INTERFACES</b>	
USB	One or more USB ports for 3G Connectivity and Data Transfer
Buzzer	Yes
User Photo Display	Yes
<b>CONFIGURATION</b>	
Processor Speed	1000 MHz
Platform (Operating System)	Embedded Linux
RAM Memory	1GB
Internal Storage	8 GB
<b>ELECTRICAL</b>	
Input Power	12 VDC @ 2A
<b>ENVIRONMENTAL</b>	
Operating Temperature	0°C to + 50°C (32°F to 122°F)
CERTIFICATIONS	<b>UIDAI Certified Registered Device.</b> STQC, CE, IP54 or higher, Shock and Vibration Proof etc.
Warranty	3 Years

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