REQUEST FOR PROPOSAL (RFP)

Supply, Installation, Testing and Commissioning of Aadhar hardware devices

Tender No: Biometric/Registration/2023/01

Dated:16/01/2023

Department of Prohibition, Excise and RegistrationGovernment of Bihar

1. Introduction

- The Department of Prohibition, Excise and Registration invites bids from eligible agencies for the supply, installation, testing, commissioning, and maintenance of the Fingerprintauthentication devices. In addition, the bidder shall also be responsible for the operation of Aadhar enrollment centres for the entire 137 registry and sub-registry offices including 45 Prohibition offices/Thanasof the state.
- All proposals submitted in response to the RFP document must be accompanied by an EMD of Rs 6,00,000 (Rupees six lakhs Only) in the form of Bank Guarantee in **favor of Excise Commissioner Cum I.G. Registration, Account Number – 922020004238912, Branch Name – AXIS Bank Limited, Raja Bazar, payable at Patna**. Bids submitted without adequate EMD will be liable for rejection.
- The bidders are expected to examine all instructions, forms, terms, Project requirements and other information in the RFP documents. Failure to furnish all information required as mentioned in the RFP documents or submission of a proposal not substantially responsive to the RFP documents in every respect will be at the Bidder's risk and may result in rejection of the proposal.

2 Schedule of Bid Process

SL#	Information	Details
1.	RFP No. and Date of availability	Biometric/Registration/2023/01, Available for download from 16 Jan2023,5:00 PM onwards till 31 Jan 2023, 4:00 PM
2.	Last date for submission of written queries for clarifications	18Jan 2023, 5:00 pm Email: excise-bih@nic.in
3.	Date of pre-bid conference	19 Jan2023, 4:00 pm at Conference Room, Department of Prohibition, Excise and Registration, Vikash Bhawan, New Secretariat, Patna – 800 015
4.	Release of response to clarifications	21Jan2023, 5:00 PM
5.	Last date of submission of bid	31 Jan2023, 4:00 PM
6.	Opening of Technical Bids	31 Jan2023, 4:30 PM
7.	Opening of Financial Bids	To be intimated
8.	Contact person for queries	Shri. Manoj Kumar Sanjay AIG , Registration email: excise-bih@nic.in

3. Project Background

- Bihar having an agrarian economy, possession of land poses a very important dimension in the social fabric. Registration of properties including land is crucial as it gives legitimacy to deeds. The Prohibition, Excise & Registration Department functions as a trusted record keeper for the citizens of Bihar by registering various documents related to transfer of property, incorporation of society and Firms etc. System for Computerized Registration (SCORE) was introduced in all the registration offices across the state of Bihar from 2005 onwards to computerize the registration process as a conscious effort to introduce transparency and reduce scope for malpractices. In SCORE, the data pertaining to deeds are captured in databases including photos and fingerprints and the entire content of the registered deeds are captured through scanner via centralized web-based application using oracle database.
- BISCORE State level society to monitor & co-ordinate 38 district level societies for all the districts in Bihar which is responsible for the computerization & digitalization process of the department.The Department has computerized all registration offices in the State since the year 2005 and onwards (post-computerization)**.**
- The Department has onboarded system integrator for the development of new e-registration application consisting of various modules like Marriage registration, Encumbrance Certificate etc .The system has already been successfully tested on various UIDAI registered biometric devices.

4. Scope of work

- The broad scope of work covers :-
  a) Setting up Aadhar Enrollment centres and,
  b) Aadhar Authentication services
- The entire contract shall be valid for a period of three years, of which,bidder shall provide comprehensive warranty for a period of 2 years and AMC for a period of 1 year.
- The Department shall require Aadhar Enrollment and Aadhar Authentication services for the entire 137 Registry and Sub-Registry offices of the state including 45 prohibition thanas.
- The bidder shall ensure compliance to all security and privacy guidelines as per Aadhar act and regulations.

4.1 Enrollment

- The bidder shall be responsible for the entire set up and operation of the biometric solution (finger/iris) across registry and sub-registry officesand 45 prohibition offices of the state.The Department reserves the right to shift the equipment to a suitable location depending upon the need.The vendor will arrange to shift the equipment and install and commission the same at no

additional cost.

- The bidder shall implement Aadhaar Enrolment Kits at the required locations within 3weekstime from the issue of LOI/Work Order for the required registration offices.The bidder shall use the software provided by UIDAI for the collection of demographic and biometric data during the enrolment process. The bidder shall abide by the enrollment standards as defined by UIDAI.
- If required, bidder shall arrange a demo of its Aadhaar Enrolment Kit with no extra cost to the Department, failing to which bidder will not be considered for further processing.
- The bidder shall comply with all security regulations under Aadhaar Act, and with other relevant acts/specifications/ latest guidelines / amendments.
- Each Registration offices shall have one Aadhar kit (Fingerprint/IRIS scanner, GPS device, web camera, monitor, printer, UPS with minimum back up of 2 hrs and other required infrastructure as mandated by UIDAI). The bidder must integrate Aadhaar Enrolment Kit as per procedure of UIDAI and make it fully functional at the site locations.
- The bidder shall be responsible for generating end of day reports for enrollment transactions done during the day. The reporting guidelines can be updated subsequently by UIDAI.
- The Aadhar enrollment kit shall consists a set of hardware device required to carry out successful Aadhar enrollment and update as mentioned below. All these devices shall be compliant with the latest versions of policy / process / technology requirements and guidelines issued by UIDAI from time to time. Biometric devices (Fingerprint, IRIS Scanner) shall be STQC certified.

1. Laptop	2. Monitor
3. GPS device	4. Multifunctional printer
5. Fingerprint scanner	6. IRIS scanner
7. Web Camera	8. White screen
9. Focus light	10. GPS device
11. Surge protector spike	

- The bidder shall use the software provided by UIDAI for the collection of demographic and biometric data during the enrolment process. The bidder shall abide by the enrollment standards as defined by UIDAI. The bidder shall ensure that the enrollment software is installed on required laptops/desktops.
- The Department may require manpower for the Aadhar enrolment/generation, Aadhar updation/Aadhar supplementary services and Aadhar authentication of the citizens.

- The manpower shall abide by the standard procedures and rules of UIDAI.
- The bidder shall be responsible for providing regular trainings to the deployed workforce in every quarter.

  The bidder shall be responsible for generating end of day reports for authentication transactions done during the day. The reporting guidelines can be updated subsequently by UIDAI.
- The Department shall provide the space, power for setting up the Aadhar enrollment centres.
- The Aadhar enrollment shall strictly be as per UIDAI norms including continuous updates as and when released by UIDAI.
- Light used for capture of facial image should be white in color (LED) to be used.
- Maintenance and repair of Laptop, Camera, F.P. device and Iris and other hardware will be the sole responsibility of the Service Provider.

4.2 Authentication

- The bidder shall supply, install, test and commission the UIDAI registered Biometric device for fingerprint authentication across theregistration officesand Prohibition offices of the state as per the requirement of the Department.
- With the use of Aadhar authentication service, the Department shall use registered devices for the purpose of property registration of the buyers without witnesses. However,
- the buyers/owners who don't have Aadhar cards, shall apply for the Aadhar registration. Once the identity of the buyer will be verified, they will be able to register their property. The entire process will replace the need of witnesses required for the registration of new properties.
- The bidder shall be responsible for generating end of day reports for authentication transactions done during the day. The reporting guidelines can be updated subsequently by UIDAI.
- The bidder shall provide all assistance and onsite support to ensure smooth completion of project.
- The Device must be compliant with UIDAI latest Standard (FIR+FMR) with RD services.
- For Aadhaar verification of property, all requirements under Section 32A of the Registration Act, 1908, has to be met.
- **System Security:**

  Information security is very important to maintain Integrity, Confidentiality & Availability of data.

  i. Data needs to be protected against following threats.

  a. Unauthorized access to database or application

  b. Accidental modifications or deletions

c. Confidentiality, Integrity & Availability breaches of data during data transport & physical storage.

d. Encryption/Decryption engine for encryption/decryption of records while storing/loading the records to/from the database.

e. The bidder must allow the implementation of an access control policy based on the use of logins, passwords and /or fingerprint login.

ii. Front end application should include features of relevant encryption layer, SSL based (for web-enabled), Prevention from BRUTE Force Attack, SQL Injection, other vulnerability patches etc.

iii. Multi-layered security should be in place in order to access various features at Central Server, which must be exhibited by the vendor at the time of evaluation etc.

5. Process flow:-

5.1 High level process flow of Aadhar EnrollmentCentre: -

- The landowner visits offices for the Aadhar Enrollment process.
- The Operator shall capture Demographic and Biometric data of the owner/citizens.
- After the demographic and biometric details are captured, the operator shall show the demographic data to the enrollee and get his consent. An acknowledgement receipt is then printed and provided to the enrollee as a reference.
- The data thus collected would be transmitted to the UIDAI for allotment of the AADHAAR Number.

**The bidder shall refer to the Guidelines for enrolment for detailed process flows of the various activities in the Enrolment process as prescribed by UIDAI*

5.2 High level process flowof Aadhar authentication for the Registration Offices: -

- The land owner visits the Registry/Sub-Registry offices for the property registration.
- The Department's operator shall login to the registration application with the user credentials along with UIDAI authentication to ensure enhanced security.
- The Operator shall capture photo, aadhar number and scan fingerprints of buyer/seller for their authentication based on Aadhar card.
- The registration application shall submit encrypted data to the Authentication User Agency (AUA) server for the purpose of authentication.
- The AUA server, receives the request from AUA, performs necessary validation and passes the request through the Authentication Service Agency (ASA) server to UIDAI CIDR.
- The UIDAI server does verification and returns the response "Yes or No" based on the match of the parameters provided to AUA server through ASA.
- The AUA server shall further sends the response to the registration application. The registration

application/software shall be integrated with the RD device and AUA server for the purpose of authentication.

- Once the land owner is verified, the Department shall proceed with the property registration process.

6. Manpower Deployment:

The Department may require operator for operating and managing the Aadhar Enrollment and Authentication services across the registry/sub-registry and Prohibition offices of the state.

6.1 OPERATOR

- The bidder shall provide one operator at each Aadhar centres.
- The person should be of age 18 years and above.
- The person shall be 10+2 pass and should preferably be a graduate.
- The person should have been Enrolled for Aadhaar and his/her Aadhaar number should have been generated.
- The person should have a basic understanding of operating a computer and should be comfortable with local language keyboard and transliteration.
- The person should have obtained “Operator Certificate” from a Testing and Certification Agency appointed by UIDAI.

6.2 TECHNICAL ASSSISTANT

- Approximately 2 Technical Assistants are required.
- The person shall be BCA/B.Sc IT/Graduate with Diploma in Computers with minimum 5 years of experience as Aadhar operator.
- The person should have a basic understanding of operating a computer and should be comfortable with local language keyboard and transliteration.
- The operator should be certified from a testing and certifying agency authorized by UIDAI.

7. Payment Terms:

- No advance payment will be done to vendor.
- Amount is payable only after satisfactory discharge of the post deduction of applicable penalties, if any.
- The price quoted by the bidder shall be fixed and not subject to adjustment duringthe contract period irrespective of reasons whatsoever including exchange rate fluctuations, levies, charges etc.

S.no	Item/Deliverable	Payment terms

1	Supply of Fingerprint devices	75% of the project value for total quantity of the Fingerprint device upon successful delivery and verification of material Balance 20% of the project value will be paid in equal installment in QGR for the duration of the project from Go-live till the contract period. Remaining 5% of the total project value shall be retained till the expiry of the warranty period.

8. Comprehensive warranty of the devices :

1. Bidder shall provide a comprehensive warranty and on-site free service warranty for a period of two (02)years from the date of Go Live.

2. Bidder shall provide the comprehensive manufacturer's warranty in respect of proper design, quality and workmanship of all hardware, equipment, accessories etc. covered by the RFP. Bidder must warrant all hardware, equipment, accessories, spare parts, and software etc. procured and implemented as per this RFP against any manufacturing defects during the warranty period.

4. Bidder shall provide the performance warranty in respect of performance of the installed hardware and software to meet the performance requirements and service levels in the RFP.

5. Bidder is responsible for sizing and procuring the necessary hardware and software licenses as per the performance requirements provided in the RFP. During the warranty period bidder shall replace or augment or procure higher-level new equipment or additional licenses at no additional cost to the Department in case the procured hardware or software is not adequate to meet the service levels.

6. During the warranty period bidder shall maintain the systems and repair / replace at the installed site, at no charge to Department, all defective components that are brought to the bidder's notice.

7. Failure to carry out Preventive Maintenance (PM) will be a breach of warranty and the warranty period will be extended by the period of delay in PM.

8. The bidder shall ensure that the warranty complies with the agreed Technical Standards,

Security Requirements, Operating Procedures, and Recovery Procedures.

9. OWNERSHIP OF CONFIDENTIAL INFORMATION

12.1 The Disclosing Party shall be deemed the owner of all Confidential Information disclosed by it or its agents to the Receiving Party hereunder, including without limitation all patents, copyright, trademark, service mark, trade secret and other proprietary rights and interests therein, and Receiving Party acknowledges and agrees that nothing contained in this Agreement shall be construed as granting any rights to the Receiving Party, by license or otherwise in or to any Confidential Information. Confidential Information is provided "as is" with all faults. By disclosing Information or executing this Agreement, the disclosing party does not grant any license, explicitly or implicitly, under any trademark, patent, copyright, mask work protection right, trade secret or any other intellectual property right. In no event shall the Disclosing Party be liable for the accuracy or completeness of the Confidential Information. THE DISCLOSING PARTY DISCLAIMS ALL WARRANTIES REGARDING THE INFORMATION, INCLUDING ALL WARRANTIES WITH RESPECT TO INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS AND ALL WARRANTIES AS TO THE ACCURACY OR UTILITY OF SUCH INFORMATION. Execution of this Agreement and the disclosure of Information pursuant to this Agreement do not constitute or imply any commitment, promise, or inducement by either party to make any purchase or sale, or to enter into any additional agreement of any kind.

The Receiving Party agrees and acknowledges that Confidential Information is owned solely by the disclosing party (or its licensors) and that any unauthorized disclosure of any Confidential Information prohibited herein or any breach of the provisions herein may result in an irreparable harm and significant injury and damage to the Disclosing Party which may be difficult to ascertain and not be adequately compensable in terms of monetary damages. The Disclosing Party will have no adequate remedy at law thereof, and that the Disclosing Party may, in addition to all other remedies available to it at law or in equity, be entitled to obtain timely preliminary, temporary or permanent mandatory or restraining injunctions, orders or decrees as may be necessary to protect the Disclosing Party against, or on account of, any breach by the Receiving Party of the provisions contained herein, and the Receiving Party agrees to reimburse the reasonable legal fees and other costs incurred by Disclosing Party in enforcing the provisions of this Agreement apart from paying damages with interest at the market rate prevalent on the date of breach to the Disclosing Party. All rights and remedies hereunder are cumulative and in addition to rights and remedies under any applicable law. (b) The Receiving Party agrees and acknowledges that any disclosure, misappropriation, conversion or dishonest use of the said Confidential Information shall, in addition to the remedies mentioned above, make the Receiving Party criminally liable for Breach of Trust under the relevant section of the Indian Penal Code.

10. Liquidated Damages:

If the bidder fails to deliver and install the Solution or to perform the services within the time period(s) specified in the contract, the Department shall without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 2% of the order value for every week (seven days) or part thereof of delay, up to maximum deduction of 10% of the contract price. Once the maximum is reached, Department may consider termination of the contract. Liquidated damages are applicable over and above all the penalties mentioned in RFP

11. Acceptance Tests

At the discretion of the Department, acceptance test will be conducted by the bidder at the site in the presence of the officials of the Department to ensure trouble-free operation of the complete system for atleast 7 consecutive days apart from physical verification and testing. There shall not be any additional charges payable by the Department for carrying out this acceptance test. The Department will take over the system on successful completion of the above acceptance test.

12. Annual Maintenance Charges

The bidder's engineer will visit branches/offices for regular Preventive Maintenance of Aadhaar Enrolment Kit and Aadhar authentication devices, at least, once in a quarter.

13. Penalty

Any Aadhaar Enrolment Kit that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within 24 hoursat the earliest. In case bidder fails to meet the above standards of maintenance, the Department will impose penalty @1% of the AMC cost per day till the issue is resolved.

The vendor shall ensure that the full configuration of the equipment is available to the

Department in proper working condition with uptime of 98% of the time on a 24x7x365 basis.

Uptime is calculated as Uptime (%) = (Sum of total hrs during month - Sum of downtime hrs during month) x 100 / Sum of total hours during the month

Total hours during the month = No. of working days x 8

Particulars	Penalty
>=98%	No Penalty

<98%	Penalty at an incremental rate of 1% of the individual device cost for every 0.5% lower than the stipulated uptime with an overall cap of 50%.

* The maximum penalty to be levied shall be 10% of the overall contract value. In case, penalty against the SLA is beyond the maximum limit, the Department would be independent to take further action against the vendor as per the terms and conditions of the contract.

14. Dispute Resolution

1. The bids and any contract resulting there from shall be governed by and construed according to the Indian Laws.
2. All settlement of disputes or differences whatsoever, arising between the parties out of or in connection to the construction, meaning and operation or effect of this Offer or in the discharge of any obligation arising under this Offer (whether during the course of execution of the order or after completion and whether before or after termination, abandonment or breach of the Agreement) shall be resolved amicably between Department and the vendor's representative.
3. In case of failure to resolve the disputes and differences amicably within 30 days of the receipt of notice by the other party, then the same shall be resolved as follows:

   i. Conciliation: - All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be first settled by way of conciliation and failing which, by way of arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.

   ii. The dispute shall be first referred to the Development Commissioner for conciliation who shall conduct conciliationproceedings which will be held at Patna, Bihar.

   iii. Arbitration: - In case the conciliation proceedings fail, the dispute shall be referred to the arbitration as per the Arbitration Act.

   iv. All legal disputes will come under the sole jurisdiction of Patna, Bihar. The venue of the arbitration shall be Patna.

4. The Arbitral award shall be final and binding on both the parties.
5. Work under the contract shall be continued by the vendor during the arbitration proceedings unless otherwise directed in writing by Department unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator is obtained. Save as those which are otherwise explicitly provided in the contract, no payment due, or payable by Department, to the vendor shall be withheld on account of the ongoing arbitration proceedings, if any, unless it is the subject matter, or one of the subject matters thereof.

15. Fraud or Corrupt Practices

1. The Bidders shall observe the highest standard of ethics during the Bidding Process and subsequent to the issue of the LOI and during the subsistence of the Agreement. Notwithstanding anything to the contrary contained in this RFP, or in LOI or the Agreement, the DEPARTMENTmay reject a bid, withdraw the LOI, debar the bidder for a period of one year from participating in the future projects of the Department or terminate the Agreement, as the case may be without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices. In such an event, the DEPARTMENT shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Bid Security or Performance Security as mutually agreed genuine pre- estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the RFP, including consideration and evaluation of such Bidders Proposal.

2. Without prejudice to the rights of DEPARTMENT under Clause above and the rights and remedies which the DEPARTMENT may have under the LOI or the Agreement, if a Bidder, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by DEPARTMENT during a period of <1(one)year> from the date such Bidder, is found by DEPARTMENT to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.

3. For the purposes of this Section, the following terms shall have the meaning here in after respectively assigned to them:

1. “corrupt practice” means the offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of tendering and execution of the project;
2. “fraudulent practice” means aim is representation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;
3. “coercive practice” means impairing or harming or threatening to impairer harm, directly or indirectly, any persons or property to influence any person participation or action in the Selection Process;
4. “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by Department with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and
5. “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection process.

16. Termination & Blacklisting:

1. The Department may terminate this Agreement and Blacklist/Debar the vendor , in case of occurrence of any of the events specified below. In the event of such an occurrence, the First Party may give not less than 30 days written notice of termination to Second Party.
1. If the vendor is in material breach of its obligations pursuant to this Agreement and has not remedied the same within 30 days.
2. If the vendor becomes insolvent or goes into compulsory liquidation
3. If the vendor, in the judgement of Department, has engaged in corrupt or fraudulent practices in competing for or in executing the contract
4. If the vendor submits to Department a false statement which has material effect on the rights, obligations, or interests of the Department.
5. If the vendor places itself in position of conflict of interest or fails to disclose promptly any conflict of interest to the Department.
6. If the vendor fails to provide Quality services as envisaged under this Agreement.
7. Serious discrepancy and delay in delivery of services or the performance levels agreed upon, which might have an impact on the functioning of the Call Centre.
8. Failure of the vendor mobilize manpower, follow local laws, clumsy execution of work, and total disregard to public safety and its own employees.
9. Failure to abide by any lawful directions of the Department.

Note: - Blacklisting/Debarment of the vendor shall be natural consequence of the termination. The Blacklisting/Debarment shall be for such a period as may be specified by the Department.
Provided that before placing the vendor in the blacklist, with or without the termination of the contract, the Department shall issue a notice given 15 days of time to the vendor.

16.2 Penalties: - The Department may impose a suitable penalty of the vendor of the failure of such activities as mentioned above. Such penalties shall be deducted from the pending bills/bank guarantee of the vendor. However, the Department shall issue a notice given 15 days of time to the vendor before imposing such penalty.

16.3 Termination Payments:- These payments shall mean the amount of payment by either party to the other party upon termination. Upon termination of the contract, Department may encash and appropriate the performance security/bank guarantee etc. The Department may clear outstanding dues of the sub-vendors of the second party out of such encashment and/or from the pending bills of the second party. After clearing such liabilities, any valid dues of the second party may be paid thereafter.

16.4 Blacklisting without termination: - The Department may blacklist the vendor without terminating the contract for any of the failures or acts of commissions or omissions under this Agreement

16.5 Foreclosure with Mutual consent: -

1. Without prejudices to any provisions of this agreement, Department and the vendor may foreclose this agreement by mutual consent in circumstances which does not constitute either party's default without any liability or consequential future liability for either party.
2. Should a Party intend to foreclose this Agreement by mutual consent, the intending Party shall issue a notice to the other Party and upon issuance of such notice, the other Party may within 15 days from receipt of such notice either agree to such foreclosure or raise objection(s) to the same by intimating either of the two possible positions to the intending Party in writing.

3. In either case of the other Party agreeing to the proposed foreclosure or otherwise, the Parties may negotiate the proposed foreclosure and sign a Supplementary Agreement for foreclosure to the main Contract Agreement within 30 (thirty) days of the date agreeing by both Parties. Foreclosure shall not come into effect unless and otherwise Supplementary Agreement is signed.
4. Any attempt or endeavour for foreclosure by mutual agreement shall be without prejudice to the rights and obligations of the Parties herein and the factum of such an attempt or exercise shall not stop either of the Parties form discharging their contractual obligations under this Agreement.
5. For the avoidance of doubt, it is clarified that such foreclosure will be without prejudice to the Vendor and shall not affect the Vendor in any way if it wishes to bid in future projects of the Department.

16.6 Transition and Exit Plan:

The vendor shall ensure that the transition is smooth in case the contract is terminated or foreclosed with mutual consent. In addition to the cancellation of contract, Department reserves the right to charge appropriate penalties and liquidated damages from the selected agency. Further:-

1 All risks during transition stage shall be properly documented to ensure smooth transition without any service disruption.

2 The transition plan along with the period shall be mutually agreed between vendor and Department when the situation occurs. Vendor shall be released from the project once successful transition is done meeting the parameters defined for the successful transition.

17. Instructions to theBidders

17.1 General

i. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the solution needed to meet the requirements. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to thisRFP.All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by the DEPARTMENTon the basis of this RFP.

ii. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the DEPARTMENT. Any notification of preferred bidder status by the DEPARTMENT shall not give rise to any enforceable rights by the Bidder. The DEPARTMENT may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the DEPARTMENT.

iii. This RFP supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on suchcommunications.

17.2 Compliant Proposals / Completeness ofResponse

1 Bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. Submission of the bid shall be deemed to have been done after careful

study and examination of the RFP document with full understanding of itsimplications.

2 Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal may be rejected. Biddersmust:

3 Include all documentation specified in thisRFP;

4 Follow the format of this RFP and respond to each element in the order as set out in thisRFP

5 Comply with all requirements as set out within thisRFP.

18. Key Requirements of theBid

18.1 Right to Terminate theProcess

a) The DEPARTMENT may terminate the RFP process at any time and without assigning any reason. The DEPARTMENT makes no commitments, express or implied, that this process will result in a business transaction with anyone.

b) This RFP does not constitute an offer by the DEPARTMENT. The bidder's participation in this process may result the DEPARTMENT selecting the bidder to engage towards execution of thecontract.

18.2 RFP DocumentFees

RFP document can be downloaded from the website **www.eproc2.bihar.gov.in** after paying tender fee of Rs. 5000/-and processing fee of Rs. 590 /.The fees will have to be paid through online on the above mentioned website. Proposals received without or with inadequate RFP Document fees shall be rejected.

18.3Earnest Money Deposit(EMD)

1. Bidders shall submit, along with their Bids, EMD of INR 6,00,000(Six lakhs only) in the form of Bank Guarantee issued by anyScheduled bank.
2. The bid / proposal submitted without EMD, mentioned above, will be summarilyrejected.
3. Micro, small and start up agencies registered for doing similar work are exempted from the payment of EMD, as per Government policy, subject to submission of valid registration certificate with the bid.
4. The EMD may beforfeited:

1. If a bidder withdraws its bid during the period of bidvalidity.
2. In case of a successful bidder, if the bidder fails to sign the contract in accordance with thisRFP.

18.4Submission ofProposals

- The bidders should submit their responses as per the format given in this RFP in the following manner

- Technical Proposal
- Commercial Proposal

- Please Note that prices should not be indicated in the Technical Proposal but should only be indicated in the Commercial Proposal.
- All the pages of the proposal must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bid.
- The bids shall be uploaded through **http://eproc2.bihr.gov.in** as per the instructions available on the website

18.5 Preparation and Submission ofProposal

18.5.1 Proposal PreparationCosts

1. The bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by the DEPARTMENT to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bidprocess.
2. The DEPARTMENT will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the biddingprocess.

18.5.2Language

The Proposal should be filled by the Bidder in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the Proposal, the English translation shallgovern.

18.5.3Tender Opening

1) The Proposals submitted up to due date and time will be opened at a date to be notified by a committee authorized by the DEPARTMENT, in the presence of such of those Bidders or their representatives who may be present at the time ofopening.
2) The representatives of the bidders should be advised to carry the identity card or a letter of authority from the tendering firms to identify their bonafides for attending the opening of theproposal.

18.5.4 Tender Validity

The offer submitted by the Bidders should be valid for minimum period of 180 days from the date of submission of Tender.

18.5.5 Tender Evaluation forresponsiveness

1. Initial Bid scrutiny will be held and incomplete details as given below will be treated as non-responsive, if Proposals:
    1.1. Are not submitted in as specified in the RFPdocument
    1.2. Are found with suppression ofdetails
    1.3. With incomplete information, subjective, conditional offers and partial offerssubmitted
    1.4. Submitted without the documents requested in thechecklist
    1.5. Have non-compliance of any of the clauses stipulated in theRFP
    1.6. With lesser validityperiod

2. All responsive Bids will be considered for further processing.The DEPARTMENT will prepare a list of responsive bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by a Committee according to the Evaluation process define in this RFP document. The decision of the Committee will be final in thisregard.

19.Criteria forEvaluation

I. Technical evaluation: The Bidder shall be examined prima facie to substantiate the compliance with the Bidder's eligibility criteria as set out for this project in terms of organizational, financial and technical experience etc. The bid will be rejected, in case it does not meet the Eligibility criteria.

II. Proposal may be rejected at any stage of the evaluation if it is found that the company has provided misleading information or has been black listed by a central or any state government or has indulged in any malpractice/ unethical practice and has not honored contractual obligationelsewhere;

III. After the technical evaluation is completed and approved, DEPARTMENTshall inform the Bidders who have submitted proposals, the detailed compliance of their Technical Proposals, and shall notifythoseBidderswhoseProposalsdidnotmeettheminimumtechnicalcriterionorwereconsiderednon-responsive to the RFP, that their Financial Proposals will be returned unopened after completing the evaluation process. DEPARTMENTshall simultaneously notify in writing to the Bidders that have complied with the Technical Criterion specified in the RFP the date, time and location for opening the Financial Proposals.

a) Please note that no conditional bid will be entertained.

19.1 Eligibility Criteria

S No	Criteria	Documents Required
1	The bidder should be registered as aLLP or Company registered in India as per Company Act 1956/2013 for atleast three years. The bidder shall be the OEM of the Fingerprint Device or the authorized dealer of the OEM. In case, the Bidder is not the OEM for Fingerprint Device, the bidder shall submit MAF certificate.	Certificate of Incorporation/LLP certificate 2008 GST Registration certificate Manufacturer'sAuthorization form certificate.

2	The Bidder should have anaverage turnover of minimum INR 15crores for the last three financial years (2021-22, 2020-21 and 2019-20).	Audited Financial Statements of last three financial years
3	The Bidder should have been in the domain of providing Aadhar enrollment kits and Authenticationdevices for atleast three years prior to submission of bid. .	Work Order/ Completion Certificate Of providing Aadhar Enrollment and Aadhar authentication services
4	The Bidder should have the following accreditations / certifications which is valid as on the date of issue of this RFP ISO 9001:2015 CMMi level 3	ISO Certificate CMMi level 3
5	The Bidder should have supplied, installed and commissioned minimum 200 biometric authentication/ fingerprint devices for any PSU/ Government client in India in last 3 years prior to the bid submission date.	Work order/Completion Certificate/Purchase order
8	The agency should not be blacklisted or debarred by anyState/ Central Govt/PSUsof India	Self-Declaration (Refer Form -4)

19.2 General EvaluationElaboration

An evaluation committeeso constituted by the DEPARTMENTwill evaluate the bids as per the following pattern:

1. Conditional bids shall be summarilyrejected.

2. Evaluation committee will examine the bids to determine whether they are complete, whether any computational errors have been made, and whether the bids are generally inorder.

3. Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, his bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

4. TheTenderer is expected to submit all documents along with General Bid for General Evaluation, in case document is not provided or provided but not a valid document, then the same parameter shall not be considered for marking for the specific Bidder. It is the Bidder's responsibility that all documents pertaining to every parameter of "General Evaluation Elaboration" needs to be submitted and tagged/referenced to the evaluationparameter.

5. The Tenderer may conduct clarification meetings with each or any bidder to discuss any matters, technical orotherwise.

6. Further, the scope of the evaluation committee also covers taking of any decision with regard to the RFP, execution/ implementation of the project including managementperiod.

19.3 Financial BidEvaluation

- The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidderrepresentatives.
- Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will beconsidered.
- The bid price will include all taxes and levies and shall be in Indian Rupees and mentionedseparately.
- Any conditional bid would berejected.
- Errors & Rectification: Arithmetical errors will be rectified on the following basis: "If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, theunitprice shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail".

  f) If there is no price quoted for certain material or service, the bid shall be declared asdisqualified.

  g) The Total Bid Price, as computed by the Purchaser shall be used for the purpose of commercial evaluation of bids.

19.4Award Criteria

The Contract shall be awarded to the bidder who fulfills the eligibility criteria and has quoted lowest amount in the financial proposal.

19.5Right to Accept Any Proposal and to Reject Any or AllProposal(s)

The DEPARTMENT reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the DEPARTMENT action.

19.6Contract Finalization andAward

- The DEPARTMENT shall reserve the right to negotiate with the bidder(s) whose proposal has been most responsive. On this basis the draft contract agreement would be finalized for award &signing.

- The DEPARTMENT may also like to reduce or increase the quantity of any item in the Scope of Work

defined in the RFP. Accordingly, total contract value may change on the basis of the rates defined in the financialproposal.

19.7Signing ofContract

After the DEPARTMENT notifies the successful bidder that its proposal has been accepted, the DEPARTMENT shall enter into a contract, incorporating all clauses, pre-bid clarifications and the proposal of the bidder between the DEPARTMENT and the successful bidder. The Draft Legal Agreement is provided as a separate document as a template.

19.8 Failure to Agree with the Terms and Conditions of theRFP

I. Failure of the successful bidder to agree with the Draft Legal Agreement and Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event the DEPARTMENT may award the contract to the next best value bidder or call for new proposals from the interestedbidders.

II. In such a case, the DEPARTMENT shall invoke the PBG of the most responsivebidder

20. Annexure

Annexure I: TECHNICAL BIDTEMPLATES

The bidders are expected to respond to the RFP using the forms given in this section and all documents supporting Technical EvaluationCriteria.

Technical Proposal shall comprise of following forms:
Forms to be used in Technical Proposal:
Form 1: Undertaking on Total Responsibility
Form 2: Particulars of the Bidder
Form 3: Bank Guarantee for Earnest Money Deposit
Form 4: Self Declaration on Blacklisting
Form 5: Manufacturer's Authorization form

AnnexureII: Mandatory requirements for Aadhar Enrollment

Annexure III: Aadhar Enrollment hardware specifications

Annexure IV: Biometric Device(Authentication) SPECIFICATIONS

Annexure V: FINANCIAL PROPOSAL TEMPLATE

Forms to be used in Commercial Proposal

Form 1: Financial Proposal
Form 2: Performance Bank Guarantee

Form 1: Undertaking on Total Responsibility

No. Date:
To:

Dear Sir,

Sub: Self certificate regarding Total Responsibility

This is to certify that we undertake total responsibility for providing Biometric devices along with the authentication Application to the Department of Prohibition, Excise and Registration as per the requirements of the RFP.

Thanking you,

Yours faithfully

(Signature of the Authorized signatory of the Bidding Organisation)

Name :

Designation :

Date :

Time :

Seal :

Business Address:

Form 2: Particulars of the Bidder

Details of the Bidder(Company)		
1.	Name of the Bidder	
2.	Address of the Bidder	
3.	Status of the Company (Public Ltd/Pvt. Ltd)	
4.	Details of Incorporation of the Company	
7.	Valid GST no.	
8.	Permanent Account Number(PAN)	
9.	Name & Designation of the contact person to whom all references shall be made regarding this tender	

10.	Telephone No. (with STD Code)	
11.	E-Mail of the contact person:	
12	Fax no (with STD code)	

Form 3: Bank Guarantee for Earnest Money Deposit

To,

<Name>
<Designation>
<Address>
<Phone Nos.>
<Fax Nos.>
<email id>

Whereas <Name of the bidder> (hereinafter called 'the Bidder') has submitted the bid for Submission of RFP #<RFP Number> dated<Date> for <Name of the assignment> (hereinafter called "the Bid") to the DEPARTMENT

We <> having our office at <Address>(hereinafter called "the Bank") are bound unto the DEPARTMENT (hereinafter called "the Purchaser") in the sum of Rs. <Amount in figures>(Rupees<Amount in words> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <Date>

The conditions of this obligation are:

- If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
- If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
- Withdraws his participation from the bid during the period of validity of bid document; or
- Fails or refuses to participate in the subsequent Tender process after having been short listed;

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

FORM 4: SELF-DECLARATION ABOUT NON-BLACK-LISTING

Declaration

(On the Letterhead of the Bidder and to be submitted/ uploaded online)

Date : _____
To,
Assistant Commissioner, Excise
Prohibition, Excise and Registration Department,
Patna, Bihar

Subject: E-Tender for 'Supply, Installation, Testing and Commissioning of Fingerprint authentication device along with the Application", Tender No: Biometric/Excise/2022/02

Sir,

In response to tender under reference, I/ We hereby declare that presently our firm is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any Central/ State Govt. Department, Public Sector Undertakings, Autonomous Bodies, Academic Institutions and Commercial Organizations.

We further declare that presently our firm is also not blacklisted/ debarred and not declared ineligible for any reason other than corrupt & fraudulent practices by any Central/ State Govt. Department, Public Sector Undertakings, Autonomous Bodies, Academic Institutions and Commercial Organizations.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our performance security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Yours faithfully,
(Name & signature with stamp of the bidder)

Form 5: Manufacturer's Authorisation form

To,
AssistantCommissioner,Excise
Prohibition,Excise and Registration Department
Patna, Bihar - 800015

Dear Sir/Madam,

Ref.: Your Tender No. NIT ……., dated …….

We ……., who are proven and reputable manufacturers of Biometric devices having factories at ……, hereby authorise .....(name and address of the agent) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender document for the supply of Biometric devicesmanufactured by us.

We further confirm that no Vendor or firm or individual other than ……. (name and address of the above agent) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender documents for the Biometric devices manufactured by us.

We also hereby extend our full G/W,as applicable as per the Tender Document for the Biometric devices offered for supply by the above firm against this tender.

Yours faithfully,

……..……..

……

[signature with date, name and designation]

for and on behalf of Messrs Indian Subsidiary……

[name& address of the manufacturers]

Note: This letter of authorisation should be on the letter head of the firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

ANNEXURE II: MANDATORY REQUIREMENTS FOR ENROLLMENT CENTER

1	Laptopavailable.
2	UIDAI software installed, tested, configured, registered with CIDR as per installation and configuration manual.
3	Iriscapturingdeviceavailable.
4	Fingerprintcapturingdeviceavailable.
5	Webcameraavailable.
6	White back ground screen (standee) available for taking photographs.
7	FocusLight
8	Extramonitorforresidentstoverifytheirdata.
9	Printer(A4LaserPrinter,mustprintphotowithgoodqualityreceipt)
10	Printer Paper GSM 75 and printer cartridge inventory to be maintained
11	DocumentScanner

12	GPSDevice
13	SurgeProtectorSpike
14	Anti-Virus/AntiSpywarechecks
15	Workingofallequipmentateverycentertested
16	AlldevicesasperUIDAIstandards
17	**Static IP to whitelist with UIDAI** / Data Card/ Internet connectivity for Enrollment Client
18	AllSupervisoryleveloperatorsshouldbe certifiedasperUIDAI norms and registered with UIDAI Admin Portal
19	Printedenrollmentformsforfillingdataavailableinsufficient numbers
20	IEC/BannerfortheEnrollmentCentreplacedatentrance
21	PostersdepictingenrollmentprocessinEnglish&Hindiinvisibleplaces
22	GrievancehandlingHelplineNumberandotherimportantnumbers displayed prominently inside/ outside the enrollment center
18	AllSupervisoryleveloperatorsshouldbe certifiedasperUIDAI norms and registered with UIDAI Admin Portal
19	Printedenrollmentformsforfillingdataavailableinsufficient numbers
20	IEC/BannerfortheEnrollmentCentreplacedatentrance
21	PostersdepictingenrollmentprocessinEnglish&Hindiinvisibleplaces

- AllthesedevicesshallbeasperUIDAI'sspecifications.
- Biometricdevices(Slap/IrisScanner)shallbeSTQCcertified.
- Complete kit warranty shall be valid for 1 year
- During warranty, faulty equipment's shall be replaced/repaired within 7 days.

ANNEXURE III : SPECIFICATIONS FOR AADHAR ENROLLMENT:
Laptop(EnrollmentStation)Specifications:

Specification	**Details**
OEM	Among the "Leaders" Quadrant in the India region in any ofthepreviousttwoQuartersaspublishedinIDC/ Gartner /FrostandSullivanreportfortheLaptops.
MachineFormFactor	Laptop
Model	FromTop5vendorsasperlatestIDCreport
CPU	3.2-GHzbasefrequencyQuadCoreorlater(Laptop) /1.9GHzQuadcorebasefrequencyorlater (Desktop)
Motherboard	OEMMotherboard
Display	Minimum14"HDAnti-Glare(16:9)

Connectivity	Should have built-in support for Bluetooth 4.0, Wi-Fi (IEEE802.11g/n)andEthernet(10/100Base-T) Bluetooth/Wi-FinotrequiredincaseofDesktop
MEMORY	8-GB DDR4 or higher RAM expandable up to 16-GBwith lDIMM SLOT FREE
Webcam	Built-inwebcamwithminimum HighDefinition 720p Resolution, not required in case of Desktop
HDD	Minimum 500GB (or Higher) Hard Disk @ 7200 RPM Hard Disc
Input/OutputPorts	OneHDMI
	OneVGA,2incaseofLaptop
	DedicatedMinimum5USB2.0port*
	OneEthernet(RJ-45)
BatteryBackup	8hrsbackuptimeincaseoflaptop/0.5KVAUPSwith 30 min backup time for Desktop
Chipset	IntegratedwithCPUorequivalent
Graphics	IntegratedGraphics
Keyboard	Integrated for laptop sized (Minimum 84 Keys Windows compatible Spill-resistant keyboard in case of Desktop
Touchpad	Wide Touchpad below keyboard forLaptop / Mouse in case of Desktop
PreloadedOS	Windows10Professional(forGovernmentofficial usage)
Microphones	AtleastonebuiltinMic
ACCESSORIES	Laptopcarryingcase/notincaseofDesktop
WARRANTY	1 yearcomprehensiveonsite-warranty.Batteryand power adapter would have one year warranty
ANTI-VIRUS	Forendpointsecurity

**In case the laptop has less than 5 USB 2.0 ports, then a USB Hub (Spike Surge) with multiple USB connections (enabling 5 devices plug-in throughUSB port) should be provided at no extra cost.*

ExtraMonitor

Specification	Details
OEM	Among the "Leaders" Quadrant in the India region in any of the previous two Quarters as published in IDC/Gartner/FrostandSullivanreportforthePC /Laptop/Monitors
Size	15-16Inchorhigher
Type	LCD
Resolution	1024X768
Accessories	Required allnecessary accessories,connecting cables & Stand.

MultifunctionalDevice(Print,Copy,Scan)Specification:

Specification	Details

FUNCTION	PRINTCOPYSCAN
DUTYCYCLEINPAGES	3000PAGESpermonth
PPM–BLACK(A4)	18PPMorHIGHER
MODEL	Fromtop5vendorsasperlatestIDCreport
RESOLUTION	600X600DPI
MEDIAUSED	Inktankforlowcostoperation
CUSTOMMEDIASIZE	UPTOLEGAL
STANDARDOPERATING SUPPORTED	Compatible with Windows 8, Windows 10 (32-bit) earlier versions of Windows (XP, Vista) and Linux
SCANRESOLUTION	600X600dpiOPTICAL.
BIT/COLORDEPTH	24BITS
COPYSPEEDBLACK	18CPM
COPYRESOLUTION	600X600DPI

WhiteScreenSpecification:

Specification	Details
Size	4X5ft.standmountable/wallmountable
Accessories	Stand
Non-Reflecting	Yes
Opaque	Yes

FocusLight:

Specification	Details
Capacity	60W
Accessories	Stand,2MtrsWireandon/offSwitchnearthe operator

SurgeProtectorSpike:

Specification	Details
General	6nos.of5Asockets(4Indianstyle+2International Style), Fuse, on/off Switch and ISO mark

KITContainerSpecification

Specification	Details
Material	MetalorFiber.
Life/Durability	Minimum6years
Size	Should be able to accommodate all items except:Item 3.4.3 and 3.4.4
Cushion	Should have sufficient cushion for all the equipment from Top, Bottom and all sides
Space	Separateenclosuresshouldbebuiltforallthe items of enrollment kit
LockandKeys	Onelockandthreekeys

WebCameraSpecifications:

Specification	Details
CaptureMode	Plainlivecapture
ImageQuality	FullFrontal(0x01)asperISO/IEC19794-5
Minimum Resolution	800x600
CaptureMode	ManualCapture Adjustment withAuto Focus and Auto Lighting
Sensor	>2MegaPixelNative
Connectivity	HighSpeedUSB2.0,USB-IFcertified
Lens	Fixed,SLR
Power	ThroughUSB/IndependentPS/LithiumIonpreferredtoAA/AAA Batteries
Mount	Tripod
Operating Temperature	0to50degreeCelsius

Humidity	10–90%
SafetyStandard	UL
SoftwareAPI	Compliant with latest UIDAI Device Capture API Specifications
Durability/Shock	IP54

IrisCapturingSpecifications:

Specification	***Stationary (mounted: wall, tripodorstand)**	**%Hand-held**	**@Hand-held with alignment aid**
IrisDiameter(Inpixel)	>210		
Spatial Resolution Pixel Resolution	>60%@4.0Lp/mm>16Pixels/mm		
#ofsimultaneous captured eyes	2		
Viewfinder	External	Internal	Externalor Internal
Capturedistance	>750mm	>50mm	>20mm
Capture Volume (width/height/de pth)	>250x500x500 mm	>20x15x12mm	>20x15x12mm
Exposuretime	<15ms	<33ms	<33ms
Imagingwavelength	700-900nm		
SpectralSpread	Powerinany100nmband>35%oftotalpower		
Scantype	Progressive		
Imagemargins	Left & right: 0.50x iris diameter, Top & bottom: 0.25x iris Diameter		
Pixeldepth	>8bits/pixel		
Imageevaluationframe rate	>5frames/sec,continuousimagecapture		
Capturemode	Auto capture with built-in quality check (incorporatesNIST qualityconsiderations)		
Sensorsignaltonoise ratio	>36DB		
$ Connectivity	USB 2, USB- IF Certified Networked (TCP/IP)Or	USB2,USB-IFcertified	
Power	USBorindependentPS		
Weight	NA	<1kg	<1kg
Dimension	<300x100x 300 Mm	<220x200x 100mm	<220x200x100 Mm
Operatingtemperature	0-49C		
Humidity	10–90%non-condensing		
Durability/Shock	IP54		

SafetyStandard	ExemptGroupperIEC62471:2006-07
Standards	FCCClassA,RoHS
Software API	Compliant with specifications. latest UIDAI Devices capture API

FingerPrintDeviceSpecification:

Specification	Details
Capturemode	Plainlivescancapture
ImageAcquisition Requirements	Setting level31orhigher(Section9.1ofBiometric Design StandardsforUIDApplicationsV1.0)
Imageevaluationframe rate	>3frames/sec,continuousimagecapture
Capturemode	Auto capture with built-in quality check (incorporates NIST quality considerations)
Capturearea	>76mmx80mm
Connectivity	USB2,USB-IFcertified
Power	ThroughUSB
Dimension(WXHXD)	<160mmx160mmx160mm
Weight	Maximum2.5Kg.
Operatingtemperature	0–50C
Humidity	10–90%non-condensing
Durability/Shock	IP54
Standards	UL certified (if applicable). MeetsISO 19794- 4:2005 Section7andAnnexAcertificationrequirements (IAFIS AppendixFcertified).
SoftwareAPI	Compliant with latestUIDAI Device Capture API Specifications.

Note:Totalofonly1USBportshallbeavailableforconnectivityandpower.

GPSDevice:

Specification	Details
General	The GPS device should be supplied according to the model nos. provided in the UIDAI website with required licenses and accessories. Note: list of approvedGPSSuccessfulBidders is available in the UIDAI websitewww.uidai.gov.in
Accessories	With all necessary required cables and accessories to connect to the PC/Laptop
Warranty	1 Year comprehensiveon-sitewarranty
Accessories	With all necessary required cables and accessories to connect to the PC/Laptop

ANNEXURE IV

SPECIFICATIONS FOR SINGLE FINGERPRINT DEVICE (FOR AUTHENTICATION):

#	Parameters	Specifications
1	**Minimum Platen** Area	**Optical/ Multispectral / Capacitance technology** **1. If platen area is 15.24 mm x 20.32 mm ormore:** **1.1.** Provisional certificate would be issued without anyfieldtesting; **1.2.** Final certification would be subject to sensor-extractor meeting <2% FRR in Aadhaar authentication system (at FAR of 0.01%) for which detailed guidelines will be published bySTQC. **2. If platen area is 12.8 mm x 16.5 mm but less than 15.24 mm x** **20.32 mm,** Certification would be subject to sensor-extractor meeting <2% FRR in Aadhaar authentication system (at FAR of 0.01%) for which detailed guidelines will be published bySTQC. **3. Any other Technologies** **<**2% FRR in Aadhaar authentication set up (at FAR of 0.01%) would need to be demonstrated. Detailed guidelines and other **requirements specific**
2	Image Quality	Must be listed on "IAFIS Certified Product List" posted Onhttps//www.fbibiospecs.org/IAFIS/Default.aspx under "PIV Single Finger Capture Devices" **OR** Lab Test conformance report showing compliance to ISO 19794- 4 Annexure A **OR** any other equivalent conformance report (to be approved for equivalence by expert committee appointed by Competent **Authority**
3	Extractor Quality	MINEXcompliance · Number of Minutiae generated by extractor to be in

		conformance to ISO Specification. Tested for at least 12 **Minutiae points generated under testconditions.**
4	NFIQ Quality software	Inbuilt NFIQ quality software either at device level or extractor **level.**
5	Resolution	Minimum 500 DPI with 5% margin on the lower side
6	**Grey scale/ Image** Type	8 **bit, 256 levels**
7	**Extractor & Image Template** Standard	ISO 19794-2 for fingerprint minutiae template and **ISO 19794-4 for Fingerprint Image Template**
8	**Maximum Acquisition time(Placement to** Template)	<2 secs
9	Audio Visual Indication	A/V indication either at device level or at application level for indicating various events like: a) Indication for placing finger b) Start of capturing **c) End of capturing**
10	Liveness Detection	Preferable
11	Latent detection	Preferable
12	Platen	Rugged, minimum IP 54 rating preferable **Prefer scratch resistant features**
13	**Preferred Operating** Temperature	**0 to 45 degree Centigrade**
14	**Preferred Storage** Temperature	**0 to 50 degree Centigrade**
15	**Preferred** Humidity	10 to 90%
16	ESD	>= 8Kv
17	**Environment,** health and safety	ROHS certification
18	Safety	UL or IEC60950 compliance
19	EMC compliance	FCC class A or equivalent
20	**Operating system** environment	Vendor needs to declare the compatible operating system
21	Connectivity	1. Standard USB connectivity for PC based application. 2. Connectivity for POS devices.

ANNEXURE V :Financial Proposal

FORM 1: Hardware

S. No	Item	Unit Rate (INR)	Applicable Taxes (INR)	Total Rate including Tax (INR)
1	Rate of one Aadhar Enrollment kit			
2	Rate of one Aadhar Authentication device			
3	Annual Maintenance cost of one fingerprint device			
3.a	1st year			
3.b	2nd year			
	Total Cost			

FORM 2 : Manpower

S. No	Item	Unit Rate (INR)	Applicable Taxes (INR)	Total Rate including Tax (INR)
1	Rate of one certified operator			
2	Rate of one certified Technical Assistant			

Note: -

1. The rate shall be inclusive of installation and commissioning charges.
2. The bidder who fulfils the eligibility criteria and quoted the lowest amount shall be awarded the contract.
3. It shall be noted that the bidder has to enter the rates in the excel sheet uploaded in the eproc portal. In addition to said point, bidder shall enter the total cost (same as mentioned in excel sheet) under BOQ tab in eproc portal. However, the Department shall consider the excel sheet for evaluating the financial rates.

Form 2: Performance Bank Guarantee

PERFORMANCE SECURITY:

<Name>
<Designation>
<Address>
<Phone Nos.>
<Fax Nos.>
<email id>

Whereas, <name of the supplier and address>(hereinafter called "the bidder") has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide Implementation services for <name of the assignment> to the DEPARTMENT (hereinafter called "the beneficiary")

And whereas it has been stipulated by in the said contract that the bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

And whereas we, **<Name of Bank>** a banking company incorporated and having its head /registered office at <Address of Registered Office> and having one of its office at <Address of Local Office>have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of **Rs.<Insert Value>(Rupees <Insert Value in Words> only)** and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of Rs.**<Insert Value>(Rupees<Insert Value in Words> only)** as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Bidder shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until <*Insert Date*>)

Notwithstanding anything contained herein:

- Our liability under this bank guarantee shall not exceed **Rs.<Insert Value>(Rupees <Insert Value in Words> only).**
- This bank guarantee shall be valid up to <*Insert Expiry Date*>)
  It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before <*Insert Expiry Date*>) failing which our liability under the guarantee will automatically cease.