



## **Request for Proposal (RFP)**

# **Supply and Installation of Video Authentication software System For State FSL, Bhubaneswar**

Tender No:35-RFP-Video Authentication software System-2024-25

Date: 05/12/2024

Tender Fee: Rs.500 /-

**A.I.G. of Police (Provisioning)**  
**Tender Calling Authority**  
**At/Po- Buxibazar, Cuttack, PIN – 753001**

**Tel./Fax No.0671-2304001,**

**Table of Contents**

1.	Disclaimer .....	4
2.	Notice Inviting Tender .....	5
3.	Instruction to the Bidders .....	6
3.1	PARTICIPATION IN BID .....	6
3.1.1	PORTAL REGISTRATION:.....	6
3.1.2	LOGGING TO THE PORTAL: .....	6
3.1.3	DOWNLOADING OF BID: .....	6
3.1.4	CLARIFICATION OF BID: .....	6
3.1.5	PAYMENT OF COST OF BID DOCUMENTS: .....	6
3.1.6	SUBMISSION AND SIGNING OF BID .....	6
4.	General Definitions .....	7
5.	Objective .....	7
6.	Scope of Work:.....	8
7.	Technical Specifications .....	8
8.	Qualification Criteria .....	9
9.	Evaluation of Bid .....	11
10.	Deliverables .....	11
11.	Payment Terms .....	11
12.	Performance Security .....	11
13.	Conflict of Interest .....	11
14.	Anti-corruption Measure .....	12
15.	Legal Jurisdiction .....	12
16.	Annexure 1 : Technical Bid Format.....	14
17.	Annexure 2: Summary of Technical Capability.....	15
18.	Annexure 3: Financial Capability of Bidder/Agency Annual .....	16

19. Annexure 4: Template of financial bid ..... 17

20. Annexure 5 : Format for Pre-Bid Queries ..... 18

## **1. Disclaimer**

RFP document is neither an agreement nor an offer by the Odisha Police (the “Authority”) to the prospective Applicants or any other person. The purpose of this RFP is to provide information to the interested parties that may be useful to them in the formulation of their proposals pursuant to this RFP. The Authority does not make any representation or warranty as to the accuracy, reliability, or completeness of the information in this RFP document and it is not possible for the Authority to consider particular needs of each party who reads or uses this RFP document. This RFP includes statements which reflect various assumptions and assessments arrived at by Authority in relation to the consultancy. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. Each prospective Applicant should conduct its own investigations and analysis and check the accuracy, reliability and completeness of the information provided in this RFP document and obtain independent advice from appropriate sources.

Authority will not be responsible for any delay in receiving the proposals. The issue of this RFP does not imply that the Authority is bound to select an Applicant or to appoint the Successful Applicant, as the case may be, for the firm and the Authority reserves the right to accept / reject any or all of proposals submitted in response to this RFP document at any stage without assigning any reasons whatsoever. Authority also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the Application in response to this RFP.

The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

Authority reserves the right to change/ modify/ amend any or all provisions of this RFP document. The amended RFP will be made available on the website of Authority.

### **Key Definitions:**

- i. “AUTHORITY” means Odisha Police, Office of the D.G & I.G. of Police, Odisha, Cuttack
- ii. “BIDDER” means the agencies/firms submitting proposal against this RFP
- iii. “AGENCY” means the selected bidder to carry out the assignment in accordance with the terms defined in this RFP
- iv. “Applicable Law” means the laws and any other instruments having force of law in India from time to time
- v. “Proposal/bid” means proposal submitted by bidders in response to the RFP issued by Odisha Police, Office of the D.G & I.G. of Police, Odisha, Cuttack
- vi. “Contract Value” means the price payable to the selected bidder under the Contract for the complete and proper performance of its contractual obligations.
- vii. “Day” means Working day as defined by Government of Odisha
- viii. “Services” means the work to be performed by the Agency pursuant to the selection by Odisha Police and to the contract to be signed by the AGENCY

## 2. Notice Inviting Tender



**Odisha Police**  
**Office of the D.G & I.G. of Police, Odisha, Cuttack**

Tel. :0671-2304001,

Website:[www.odishapolic.gov.in](http://www.odishapolic.gov.in), Email : [dirtsfsl.orpol@gov.in](mailto:dirtsfsl.orpol@gov.in)

**RFP No. 35-RFP- Video Authentication software System-2024-25 Date : 05.12.2024**

Online Bids through e-Tender Portal <https://tendersodisha.gov.in> are invited from the eligible bidders for procurement of Video Authentication software System for State FSL, Bhubaneswar during the current financial year 2024-25 as per the schedule mentioned below.

Events	Date
RFP Issue Date	05.12.2024
The Prospective bidders are requested to submit their queries relating to the tender through Mail ID – <a href="mailto:dirtsfsl.orpol@nic.in">dirtsfsl.orpol@nic.in</a> & <a href="mailto:aig-prov.odpol@gov.in">aig-prov.odpol@gov.in</a> by 12.12.2024 by 05.00 PM. In this connection a pre-bid technical committee will be held in virtual mode and the link will be sent through mail for the meeting. The pre-bid date is tentatively nature and subjected to postponement which be duly informed through mail	Venue _ O/o the State FSL, Rasulgarh, Bhubaneswar - 751010
RFP Publication of corrigendum (if any) and Submission Start Date & Time	After Completion of Pre-bid query meeting
RFP Submission Due Date and time	26.12.2024
Date & Time of Opening of Technical Bids	27.12.2024
Date & Time of Opening of Financial Bids	To be intimated qualified Bidder
Tender Document fee	500/-
EMD (Earnest Money Deposit)	44,000/- (Forty Four Thousand)

The bid document with all information relating to the bidding process including cost of bid document, Prequalification criteria and terms & conditions are available in the websites: <https://tendersodisha.gov.in> The Authority reserves the right to accept / reject any part thereof or all the bids without assigning any reason thereof.

**A.I.G. of Police (Provisioning,)**  
**Cuttack, Odisha**  
**(Tender Calling Authority)**

### 3. Instruction to the Bidders

1. The Odisha Police –Odisha Police (Tender Inviting Authority) is a Govt. organization working under Home Department, Govt. of Odisha.
2. The bid documents published by the Bid Inviting Officer (Procurement Officer/Publisher) in the e-procurement portal <https://tendersodisha.gov.in> will appear in the “Latest Active Tender”. The Bidders/ Guest Users can download the Bid documents from 05/12/2024 and submit it online by 26/12/2024 5.00 PM after which the same will be removed after which the same will be removed from the list of “Latest Active Tender”.

#### 3.1 PARTICIPATION IN BID

##### 3.1.1 PORTAL REGISTRATION:

The bidder intending to participate in the bid is required to register in the e-procurement portal using an active personal/official e-mail ID as his/her Login ID and attach his/her valid Digital signature certificate (DSC) - Class II or III to his/her unique Login ID. He/ She has to submit the relevant information as asked for about the bidder. The portal registration of the bidder is to be authenticated by the State Procurement Cell after verification of original valid certificates/documents such as (i) PAN and (ii) Registration Certificate (RC) / GST Certificate (for Procurement of Goods) of the concerned bidder. The time period of validity in the portal is co terminus with validity of RC/ GST. Any change of information by the bidder is to be re-authenticated by the State Procurement Cell. After successful authentication, bidder can participate in the online bidding process.

##### 3.1.2 LOGGING TO THE PORTAL:

The Bidder is required to type his/her Login ID and password. The system will again ask to select the DSC and confirm it with the password of DSC as a second stage authentication. For each login, a user's DSC will be validated against its date of validity and also against the Certificate Revocation List (CRL) of respective CAs stored in system database. The system checks the unique Login ID, password and DSC combination and authenticates the login process for use of portal.

##### 3.1.3 DOWNLOADING OF BID:

The bidder can download the bid of his / her choice and undertake the necessary preparatory work off-line and upload the completed bid before the closing date and time of submission.

##### 3.1.4 CLARIFICATION OF BID:

The registered bidder can ask questions related to the online bid in the e-procurement portal before the pre-bid meeting. The Odisha Police Headquarters, At-Buxi Bazar, Cuttack, Contact No. 0671-2339517 or State e-Procurement cell help desk 1800-3456765, 0674-2530998 for assistance in this regard.

##### 3.1.5 PAYMENT OF COST OF BID DOCUMENTS:

The detail guideline for payment of Cost of Bid Document is mentioned at General Condition of contract

##### 3.1.6 SUBMISSION AND SIGNING OF BID

The detail guideline for submission of & signing of bid is mentioned at General Condition of Contract

*Note :For management of space the bidders can serially arrange their scanned documents as per Annexure 1,2(all pages should be signed by authorized signatory with seal and then to be scanned) and create two equalized PDF files and upload them to avoid any space constraint.*

*The **BOQ** file (Excel file) is to be uploaded in the **price bid**.*

## 4. General Definitions

### 4.1 General Definitions

- 4.1.1 *Department* means Odisha Police under Home Department, Government of Odisha.
- 4.1.2 *Government* means Government of Odisha.
- 4.1.3 *Bid / Tender Inviting Authority* is the Odisha Police or authorized person of Odisha Police (A.I.G. of Police (Provisioning), Odisha, Cuttack, who on behalf of the User Institution/Government or the funding agencies calls and finalize bids and ensure supply, installation and after sales service of the equipment's procured under this bid document.
- 4.1.4 *Tender Evaluation Committee & Technical Committee* are Committees authorized by the D.G. & I.G. of Police, Odisha, Cuttack to decide on the purchase of the items to be procured by the Odisha Police.
- 4.1.5 *User Institutions* are the Odisha Police under Home Department, Govt. of Odisha for which the items under this bid is procured.
- 4.1.6 *De-recognition/ Debarment* – the event occurring by the operation of the conditions under which the bidders will be prevented for a period of 3 years from participating in the future bids of Tender Inviting Authority, more specifically mentioned in the Specific Conditions of Contract and General Conditions of Contract of this bid document, the period being decided on the basis of number of violations in the bid conditions and the loss/hardship caused to the Tender Inviting Authority on account of such violations.

## 5. Objective

The primary objective of procuring Video authentication software for the Odisha Police as Video authentication software systems are becoming increasingly important for police departments in India for several reasons:

- i. **Evidence Integrity:** Video authentication software ensures that digital evidence, such as footage from surveillance cameras, body-worn cameras, or mobile phones, remains unaltered and tamper-proof. This is crucial for maintaining the integrity of evidence presented in court.
- ii. **Verification of Authenticity:** The software can validate whether a video has been manipulated or altered, ensuring the reliability of evidence. It can detect any edits or inconsistencies in the footage, which is important for legal and investigative purposes.
- iii. **Crime Investigation:** Forensic analysis of video evidence helps investigators establish timelines, identify suspects, and reconstruct crime scenes. Authentication software provides a layer of trust in the digital material used in these investigations.
- iv. **Accountability and Transparency:** In incidents involving police personnel, such as the use of force or high-stakes operations, video authentication can promote accountability by providing unaltered records of events, improving public trust.
- v. **Combating Misinformation:** With the increasing spread of fake or altered videos, police departments can use authentication tools to quickly verify the authenticity of videos, helping to prevent the spread of misinformation and panic.

- vi. **Legal Compliance:** Courts often require authenticated video evidence to ensure the fair administration of justice. Video authentication software helps police meet these legal standards.

## 6. Scope of Work:

The purpose of this RFP is to procure **video authentication software** for Odisha State Police to ensure the integrity and reliability of digital evidence used in investigations and to enhance transparency and accountability in policing operations. This supports the Odisha Police in solving cases efficiently and meeting legal standards. The video authentication software must meet the following specifications:

## 7. Technical Specifications

Sl. No.	Parameter	Value
		Tool for forensic video authentication and image authentication by single software unit.
1	File Formats	<ul style="list-style-type: none"> <li>Should support all standard digital image and video file formats including formats of all CCTV footage (video clip).</li> </ul>
2	File structure analysis	<ul style="list-style-type: none"> <li>Index media files</li> <li>Metadata extraction of file</li> <li>Metadata for each frame including frame type and timestamps</li> <li>HEX, ANSI data representation</li> <li>Software traces detection</li> </ul>
3	Video analysis	<ul style="list-style-type: none"> <li>Video fragment "copy-paste detector"</li> <li>Frame by frame analysis</li> <li>Analyse the Colour trends (HSI)</li> <li>Movement detector</li> <li>Noise change detection</li> <li>Frame difference flow analysis</li> <li>Easy video stream navigation</li> </ul>
4	Image/frame analysis	<ul style="list-style-type: none"> <li>Color gradient</li> <li>RMS contrast</li> <li>Error Level Analysis (ELA) analysis</li> <li>Zoom test</li> <li>DCT map</li> <li>Histogram analysis</li> <li>File structure analysis</li> <li>JPEG Blocking</li> <li>JPEG Ghost</li> <li>Brightness graph analysis</li> </ul>
5	Device verification	Using PRNU
6	Generation of report	Export of all data for generation of report
7	License	Perpetual license with onsite installation



8	Professional Workstation	<ul style="list-style-type: none"> <li>• Suitable configuration computer system, TYPE approved/ ISO or certified by CERTIN/CDAC</li> <li>• i9 processor or above,</li> <li>• SSD of 2TB or above,</li> <li>• optical drive DVD /RW DVD -super multi drive,</li> <li>• OS-Windows 11 professional, 64 Bit,</li> <li>• 64GB RAM,</li> <li>• NVIDIA Cuda GPU with minimum 16GB VRAM</li> <li>• full HD 24 inches minimum 1920 x1080 pixel or higher,</li> <li>• Wired keyboard</li> <li>• Wired mouse</li> <li>• Preloaded OS Windows 11 professional, factory preloaded MS Office home &amp; Business, Need conformation from OEM on their letter head</li> <li>• Pre-loaded MS office with perpetual product key/ licence.</li> <li>• The processor/OS should be compatible with the system software.</li> <li>• OEM authorized service center /support should be available at client location</li> <li>• Certification: The quoted desktop model should have Microsoft Windows 11 professional certification and EPEAT Gold certification (INDIA)</li> <li>• reputed antivirus software having 3 years license</li> </ul>
9	Printer	Standard makeauto-duplex Black & white Laser printer.
10	Line interactive UPS	2KVA line interactive UPS with AVR (Atleast 20 mins backup)
11	Write blocker hardware device	Two Write blocker hardware devices having at least USB and micro-SD card port.
12	Training	6 days of detailed training at Customer site.
13	Warranty	Three Year from date of installation

### 8. Qualification Criteria

The bidder must meet the below eligibility criteria to be considered for further shortlisting purpose

Sr. No.	Basic Requirement	Specific Requirement	Documents Required
1	Entity Type	Bidder must be Company registered under Companies Act, 1956 or any of its amendments thereafter or Partnership registered under Indian Partnership Act, 1932 or any of its amendments thereafter	<ul style="list-style-type: none"> <li>• Copy of Certificate of incorporation / Registration certificate with relevant authority</li> <li>• PAN Card</li> <li>• GST Registration certificate and GST</li> </ul>

		or Proprietor registered under Shops and Establishment Act.	Clearance certificate upto March 2023
2	Existence of Firm	The Bidder should be in business in the supply installation, maintenance and providing training for Video Authentication software to govt agencies for at least last Five (5) years as on date of bid submission	<ul style="list-style-type: none"> <li>• Work order or Agreement</li> <li style="text-align: center;"><b>Or</b></li> <li>• Payment Proof</li> <li style="text-align: center;"><b>Or</b></li> <li>• Completion Certificates or Satisfactory Certificate</li> </ul>
3	Turnover	<p>I. The <b>Bidder</b> shall have average annual turnover of not less than 44 Lakhs in last three consecutive financial years out of last four financial years (Financial years 2020-21, 2021-22, 2022-23, 2023-24)</p> <p>II. The OEM shall have average annual Turnover of not less than 88 Lakhs in last three consecutive financial years out of last four financial years (Financial years 2020-21, 2021-22, 2022-23, 2023-24)</p>	CA Certificate/ Audited Balance Sheet clearly stating turnover
4	Relevant Experience	<p>The bidder must have completed / ongoing project similar nature* of work for any Government/Public Sector Enterprises in India in last five years having the criteria mentioned below: -.</p> <p>i. One similar nature of work value not less than the amount equal to 80 % of the estimated cost (i.e Rs.17,60,000). or</p> <p>ii. Two similar natures of works value not less than the amount equal to 60 % of the estimated cost.i.e (Rs.13,20,000) or</p> <p>iii. Three similar natures of works value not less than the amount equal to 40% of the estimated cost. i.e (Rs.8,80,000)</p> <p><b>Similar Nature :</b>The “Similar Nature” of the work shall mean project including supply, installation, implementation and maintenance of video authentication software</p>	<p>Work order copy from the client stating the scope of work and project cost</p> <p>And</p> <p>Work Completion certificate from client stating the date of completion</p>
5	Quality Credential	The Bidder should have valid ISO 9001 & 27001 Certification.	Copy of ISO certificates

6	OEM Authorisation	The bidder has to submit the tender specific valid authorization certificate(s) from the Original Equipment Manufacturers (OEMs) for the entire product which is mentioned in Technical Specification	OEM Certification.
7	Blacklisting And Pending Petitions	Bidder shall not have been debarred / blacklisted till bidding period by Central Govt. /State Govt. / Public Sector Undertaking / any other Local Body or body established under or in the control of the Central or state Government on the date of submission of their Bid.	Self-certification on furnished with 20 rupees stamp paper

The bidder meeting the criteria mentioned above shall be eligible for financial bid opening.

### 9. Evaluation of Bid

Selection may be made on LCSLeast Cost Selection method, whichmean the bidder quoting the lowest rate shall be identified as preferred bidder.

### 10. Deliverables

Vendors need to supply the Total Organic Carbon Analyser **within 30 days** from date of issuance of Purchase order.

#### **Location of Delivery of Project**

Name of Office : O/o Director State FSL  
Address : Rasulgarh, Bhubaneswar, 751010  
Contact Details : [difsfsl.orpol@nic.in](mailto:difsfsl.orpol@nic.in).

### 11. Payment Terms

100% payment on successful installation and training

### 12. Performance Security

The Bidder shall be submitting the Performance Security equivalent to 5% of the agreement value in the form of a Bank Guarantee

### 13. Conflict of Interest

Conflict of interest exists in the event of conflicting assignments, typically monitoring and evaluation of the mandate being executed by the selected bidder in the future.

**14. Anti-corruption Measure**

- a) Any effort by Bidder(s) to influence the Authority in the evaluation and ranking of commercial proposals, and recommendation for award of contract, will result in the rejection of the proposal.
- b) A recommendation for award of Contract shall be rejected if it is determined that the recommended bidder has directly, or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question.
- c) In such cases, the Authority shall blacklist the bidder either indefinitely or for a stated period of time, disqualifying it from participating in any related bidding process for the said period.

**15. Legal Jurisdiction**

All legal disputes between the parties shall be subject to the exclusive jurisdiction of the Courts in Cuttack only.

## **Annexures**

**16. Annexure 1 : Technical Bid Format**

**Technical Bid Format**

**(To be submitted in Technical Bid Envelope)**

The documents have to be arranged serially as per order mentioned below:

1	Name of the Firm/Company	
2	Name of the Authorized Signatory and Designation	
3	Address & Contact Details	
4	E-mail ID	
5	Registration Details: Company / Firm	Certificate of Incorporation/ Registration PAN Card GST Registration Certificate Bank Account & RTGS details
6	Experience in similar field	Work order/Contract Agreement Copy Filled up for per Annexure-2
7	Annual average turnover of Rs.44 Lakhs for Bidder and 88 Lakhs for OEM in the last three financial years (i.e. 2021-22, 22-23 and 23-24)	Annual Turnover Statement certified by Chartered Accountant as per Annexure-3 Filed IT return of last 3 years
8	The Firm/ Agency should not have been blacklisted/banned by Central/State Govt. & PSU/	Self-certification on furnished with 20 rupees stamp paper
9	Submission of undertakings for Bid terms & conditions acceptance.	To be submitted on the Letter Head
10	The bidder has to submit the tender specific valid authorization certificate(s) from the Original Equipment Manufacturers (OEMs) for the entire product which is mentioned in Technical Specification	To be submitted on the Letter Head of OEM
11	Technical Specification Compliance sheet/form	Should be on Bidder letterhead with for Each Equipment separately
12	Non-refundable RFP Document Fee of Rs.-500/-	Demand Draft
13	Earnest Money Deposit (EMD) of Rs.44,000/- along with Offer Document.	Demand Draft

**Place:**

**Date:**

**Bidder's Signature**

**17. Annexure 2: Summary of Technical Capability**

**(To be submitted in Technical Bid Envelope)**

<b>Name of the Assignment</b>	<b>Name/ Address of the Organization</b>	<b>Date of Award of Assignment</b>	<b>Value of Work Order In Rs.</b>

**Note:** Please furnish the Work order/Contract Agreement copy only in support of the information mentioned above.

**Place:**

**Date:**

**Bidder's  
Signature**

**18. Annexure 3: Financial Capability of Bidder/Agency Annual**

**Turnover Statement (To be signed by Certified Chartered Accountants)**

**(To be part of Technical Bid Envelope)**

The Average Annual Turnover for the last three financial years of M/s \_\_\_\_\_ Are given below and certified that the statement is true and correct.

<b>Year</b>	<b>Annual Turnover in Rs.</b>	<b>Average Annual Turnover</b>
<b>2021-22</b>		
<b>2022-23</b>		
<b>2023-24</b>		

**Average annual turnover for the above three years in Rs. (In words) \_\_\_\_\_**

**Date:**

**Signature of Auditor/**

**Chartered Accountant**

**Place:**

**Name:**

**Seal:**



**19. Annexure 4: Template of financial bid**

**(To be submitted in Financial Bid Envelope)**

<b>SI No.</b>	<b>Description of Item</b>	<b>Qty</b>	<b>Total Amount (Inclusive Of All Taxes) (INR in Lakhs)</b>
1	Video Authentication Software System	01	
	<b>Total</b>		

Note:

1. The quoted rates shall be inclusive of Logistics, training etc.
2. All Quoted rate are Inclusive GST.

**Date:**

**Place:**  
**Bidder's Signature**

**20. Annexure 5 : Format for Pre-Bid Queries**

<b>Name of the Bidder</b>				
<b>Name of the Sender</b>				
<b>Designation</b>				
<b>Sr. No.</b>	<b>Page no.</b>	<b>Clause Reference</b>	<b>Clause Description</b>	<b>Modification/ Clarification required</b>