



**Request for Proposal for Selection of System Integrator for
Establishment of Cyber Labs in 34 Cyber Crime & Economic
Offences Police Stations and a Central Lab including Supply,
Installation and Commissioning of IT Assets for Odisha Police**

RFP No: 25-RFP-Cyber labs in 34 Cyber Crime and Economic offences-2025-26

Date: 05.12.2026

E.M.D: Rs. 20,000,00/-

RFP Fees: {Non-refundable Rs.11,800/- (including 18% GST)}

RFP Inviting Authority

Odisha State Police Headquarters, Provisioning Section, Buxi Bazar Rd, Bepari Sahi, Buxi
Bazaar, Cuttack, Odisha 753001 Phone: 0671 230 5916

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1. Disclaimer

The information contained in this Request for Proposal document ("RFP") or any other information subsequently provided to Bidders, whether verbally or in documentary or any other form by or on behalf of the Odisha Police or any of its employees or advisers, is provided to the Bidders on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Odisha Police (the "Authority") to the prospective Bidders or any other person. The purpose of this RFP is to provide interested Bidders with information that may be useful to them in the formulation of their Proposals pursuant to the RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Services. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Authority, its employees, or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements, and information contained in this RFP may not be complete, accurate, adequate, or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Bidders is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Authority, its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense, which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this selection process.

The Authority also accepts no liability of any nature whether resulting from negligence or otherwise however caused or arising from reliance of any Bidder upon the statements contained in this RFP. The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select a Bidder or to appoint the selected System Integrator, as the case maybe, to provide the Services and the Authority reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses



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associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Bidder, and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Proposal, regardless of the conduct or outcome of the selection process.

Key Definitions:

- i. "AUTHORITY" means Odisha Police, Office of the AIG of Police (Provisioning) Odisha, Cuttack.
- ii. "BIDDER" means the agencies/firms/system integrator submitting proposal against this RFP.
- iii. "SYSTEM INTEGRATOR or AGENCY" means the selected bidder to carry out the assignment in accordance with the terms defined in this RFP.
- iv. "PROPOSAL/BID" means proposal submitted by bidders in response to the RFP issued by Odisha Police, Office of the AIG of Police (Provisioning) Odisha, Cuttack.
- v. "CONTRACT VALUE" means the price payable to the selected bidder under the Contract for the complete and proper performance of its contractual obligations.
- vi. "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 System Integrator.
- vii. "CC & EO PS" means Cyber Crime & Economic Offences Police Station.

The bottom of the page features several handwritten signatures and initials in black ink. From left to right, there are approximately six distinct marks, including what appear to be full names and initials, some with horizontal lines underneath them. The handwriting is cursive and somewhat stylized.

2. Bidder Data Sheet

Sl. No.	Particulars	Description
a)	Tender Reference Number	25-RFP-Cyber labs in 34 Cyber Crime and Economic offences-2025-26
b)	Name of the Organisation	Odisha Police
c)	Project Title	Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT Assets for Odisha Police.
d)	Method of Selection & Proposal Validity	Least Cost 1 (L1) & 180 days from the Bid due date
e)	Availability of Tender documents	The tender is available and downloadable from the Website: https://odishapolice.gov.in & https://tendersodisha.gov.in All Subsequent corrigendum/changes to the Bidding document shall be published on the above website.
f)	Date of issue of RFP	05.12.2025
g)	Deadline for submission of Pre-bid queries by Bidders	12.12.2025
h)	Pre-bid Meeting	Date & Time of Pre-Bid meeting Queries to be submit on cyberwing.cidcb@odishapolice.gov.in by 12.12.2025 by 15.00 hours. A pre-bid meeting will be scheduled based on the bidders queries. The pre-bid meeting date, time and link will intimated accordingly.
i)	Last date and time for submission of Bid (Bid Due Date)	23.12.2025
j)	Mode of Submission	Online
k)	Date of opening of Technical Proposals	24.12.2025
l)	Date and time for opening of Financial Bids	Will be communicated to technically qualified bidders.
m)	Tender Fee (Non-Refundable)	Tender Fee- ₹11,800/- (including 18% GST) (Non-Refundable) Tender Fee in shape of Banker's Cheque/Demand Draft to be made from any Nationalized Bank or Scheduled Commercial Bank in the name of "AIG of Police (Provisioning) Odisha, Cuttack".
n)	Earnest Money Deposit (EMD)	EMD of ₹ 20,00,000 EMD in shape of Banker's Cheque/Demand Draft to be made from any Nationalized Bank or Scheduled Commercial Bank in the name of "AIG of Police (Provisioning) Odisha, Cuttack".

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o)	Performance Bank Guarantee (PBG)	5 % of the total contract value for a period of 63 Months. PBG in shape of Banker's Cheque/Demand Draft/Bank Guarantee to be made from any Nationalized Bank or Scheduled Commercial Bank in the name of "AIG of Police (Provisioning) Odisha, Cuttack".
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4. Letter of Invitation

Name of the Assignment: **Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT Assets for Odisha Police.**

Odisha Police (the "Authority") invites reputed, eligible agencies for submitting proposals for undertaking Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets.

- A bidder will be selected under the Least Cost 1 (L1) procedure as prescribed in the RFP Document.
- Interested bidders fulfilling eligibility conditions as mentioned in this RFP can submit their proposals.
- The proposal should be submitted in Online Mode
- Evaluation of the proposals shall be made as per the evaluation criteria mentioned in the RFP prior to opening of financial proposal.
- Financial proposals will be opened for bidders who successfully meet all the technical and eligibility criteria as required in Part 1 of the proposal.
- If any of the instructions mentioned herein have not been adhered to, the Authority may reject the Proposal.
- The proposal, complete in all respects as specified in the RFP Document, must be accompanied by the prescribed non-refundable Tender Fee and refundable EMD; otherwise, the bid will be rejected.
- The last date and time for submission of proposal, complete in all respect, is as per the Bidder Data Sheet and the date of opening of the Technical proposal is as mentioned in the Bidder Data Sheet, which will be done in the presence of the bidder's representative at the specified address as mentioned in the Bidder Data Sheet. Representatives of the bidders may attend the meeting with due authorization letter on behalf of the bidder.
- This RFP includes the following sections:
 - Letter of Invitation [Section-1]
 - Terms of Reference [Section-2]
 - Information to the Bidder [Section-3]
 - Criteria for Evaluation [Section-4]
 - Payment, SLA and Penalties [Section-5]
 - Appointment of System Integrator [Section-6]
 - Formats for Response [Section-7]

○ Annexures [Section-8]

While all information/data given in the RFP are accurate within the consideration of scope of the proposed assignment to the best of the Authority's knowledge, the Authority holds no responsibility for accuracy of information, and it is the responsibility of the bidder to check the validity of information/data included in this RFP. The Authority reserves the right to accept/reject any/all proposals/cancel the entire selection process at any stage without assigning any reason thereof.

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5. Term of Reference

5.1 Introduction

Odisha is experiencing a rapid rise in digital adoption across governance, commerce and daily life. While this digital transformation is beneficial, it has also led to an alarming surge in cybercrime—ranging from financial frauds, phishing scams and identity theft to ransomware, online exploitation and large-scale data breaches. These crimes not only compromise citizen safety and financial security but also pose serious risks to institutional integrity, economic growth and public trust in digital systems.

Cybercriminals increasingly exploit evolving technologies, anonymity of cyberspace and cross-border operations to launch sophisticated attacks. Conventional policing mechanisms are often inadequate to tackle such crimes, highlighting the urgent need for specialized skills, state-of-the-art forensic tools and robust digital investigation infrastructure.

Recognizing these challenges, the Government of Odisha has sanctioned the strengthening of 14 existing Cyber Crime & Economic Offences (CC & EO) Police Stations and the establishment of 20 new CC & EO Police Stations across the State, ensuring wider geographic coverage and faster response capability. To operationalize this framework, it is proposed to establish dedicated cyber forensic labs at each of the 34 CC & EO Police Stations and a Central Cyber Forensic Lab at the Cyber Crime Unit, Cyber Complex, CID-CB, Bhubaneswar.

The Central Lab will host critical, high-end forensic tools and servers, while the CC & EO PS Labs will be equipped with essential hardware, software and infrastructure for day-to-day cybercrime investigation.

5.2 Objective

The objective of this RFP is to engage a qualified and experienced System Integrator (SI) to establish fully functional Cyber Crime & Economic Offences (CC & EO) Police Station Labs and a Central Cyber Lab for Odisha Police.

The selected SI will be responsible for:

- Supply, installation and commissioning of IT hardware, forensic tools and licensed software.
- End-to-end integration of the Central Lab and CC & EO PS Labs through existing police network.
- Operation and maintenance of the deployed infrastructure for the contract period.
- Capacity building and training of Odisha Police personnel to effectively utilize the deployed tools and infrastructure.

5.3 Scope of Work

The scope of work for the selected System Integrator shall include but not be limited to the following:

A. Establishment of Cyber Labs

i. Central Cyber Lab at Bhubaneswar

- Hosting high-end servers, critical forensic tools and advanced analytical platforms.
- Serving as the state-level hub for complex forensic analysis, cyber investigation and social media monitoring.
- Acting as the command-and-control hub for integrated investigation and coordination across 34 CC & EO PS Labs.

ii. Integration of Central Lab with 34 CC & EO Police Station Labs

- Enabling investigators to access central server-hosted tools through remotely from CC&EO PS labs.

B. Procurement, Installation & Commissioning

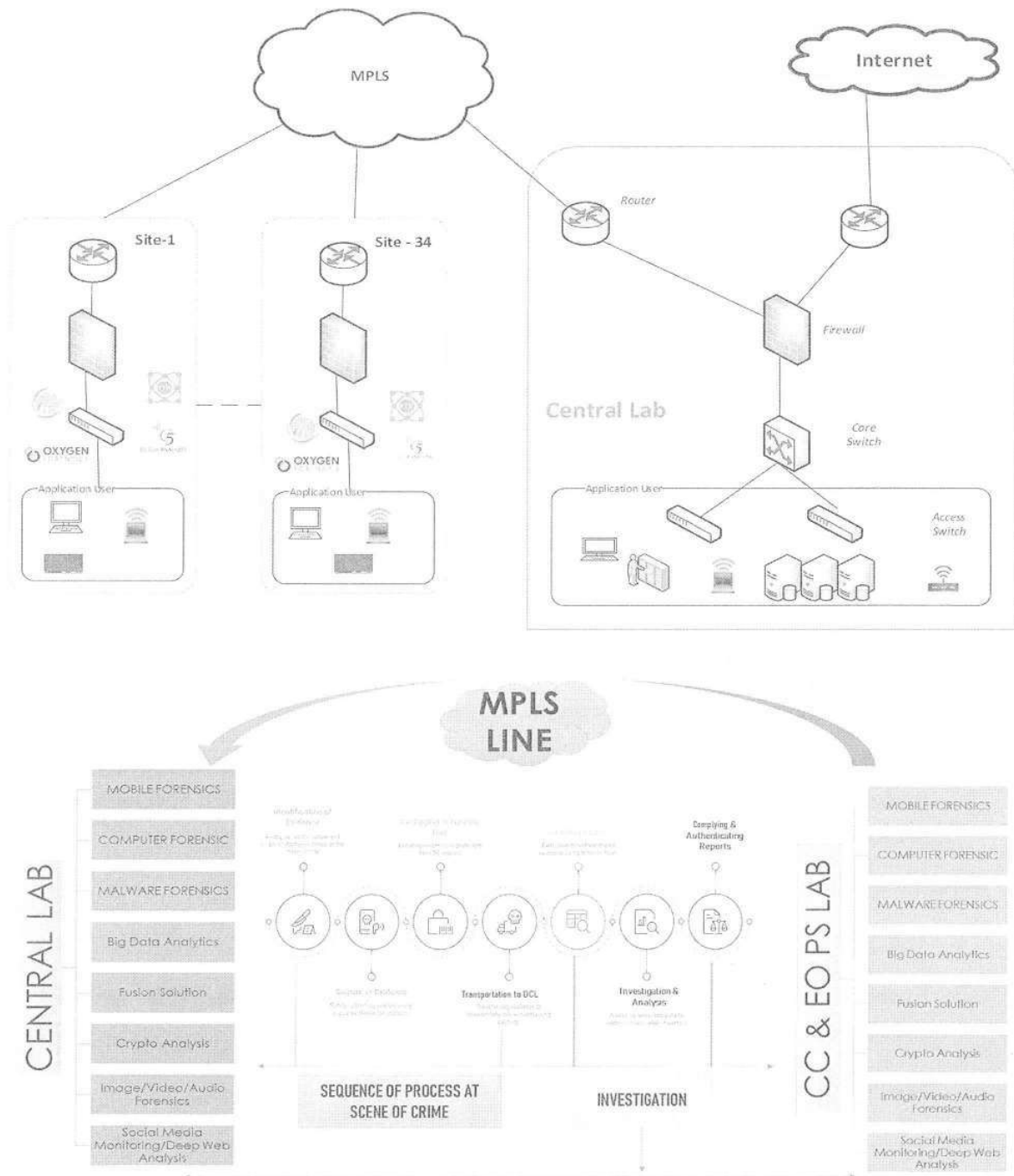
- Supply, delivery and configuration of hardware and software as per specifications.
- Configuration and interlinking of all CC&EO PS labs with the Central Lab.
- Manufacturer's Authorization Form (MAF) issued by the OEM for their products.
- Provide capacity building and training of Odisha Police personnel to effectively utilize the deployed tools and infrastructure directly through OEM or through specialised domain expert.

C. Network Integration & Architecture

- **The MPLS connection will be provided by Odisha Police.**
- Enable seamless remote access to central tools, databases and servers from remote CC & EO PS Labs.
- Maintain high availability, scalability and data confidentiality.



- Facilitate the integration of the above IT infrastructure with the upcoming State Level Cyber Setup- Odisha Cyber Command Centre (O3C).



The proposed network architecture is based on a hub-and-spoke MPLS model:

- Central Lab (Hub): Equipped with core servers, firewalls, and core switches, connected to the internet via secured gateways.

- CC & EO PS Labs (Spokes): Each lab connected to the MPLS backbone through routers, firewalls and access switches.
- Connectivity: The MPLS connection will be provided by Odisha. This ensures secure, encrypted communication between the labs and the Central Lab, enabling access to centralized forensic tools and shared databases.
- Security: Layered security architecture with firewall protection at both Central Lab and remote labs, ensuring controlled and monitored access.
- Users: Application users at both Central and remote labs can securely access forensic tools and databases.

D. Operations & Maintenance

- Provide comprehensive O&M support for all hardware and software for the contract period i.e. for all hardware equipment 5 years warranty (3 years OEM plus 2 years bidder's warranty) and 3 years for software i.e. the license period for Software.
- Undertake preventive and corrective maintenance at all sites.
- Provide timely updates, patches and upgrades for deployed software for the entire contract period.
- Set up a Helpdesk & Technical Support Mechanism for issue resolution in Bhubaneswar, Odisha.

The selected system integrator will be on boarded for 63 months which may be further extended based on the performance and mutual consent.

5.4 Detailed Specification of Required IT & Infrastructure Assets

Hardware for Central Lab

1. High End Central Server: 1 Qty

Sl. No.	Technical Specifications
1	A high-end analysis server is the Non-Plus Ultra when it comes to indexing and processing IT forensic cases at the workplace.
2	A high-end analysis server series are globally recognized and popular for its speed, reliability and durability.
3	A high-end analysis server are certified and tested for the use of the programs of the leading software manufacturers (like Access Data, OpenText, Magnet Forensics, etc.)
4	Should have 2x Intel® Xeon® Gold 6554S Processor 180M Cache, Total Cores 36 Total Threads 72 Max Turbo Frequency 4 GHz Processor Base Frequency 2.2 GHz

5	Should have Power Supply 1600WATT PTD Redundent Power Supply
6	Chassis: 4U Rack Mounted Chassis with Rail Kit and Handle.
7	Should have Mainboard features 1. 5th/4th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-4677 (Socket E) 2. Intel® C741 Chipset 3. Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s(1DPC) in 16x DIMM slots 4. Broadcom BCM57416 Dual ports 10G LAN 5. 8x SATA 3.0 ports(C741, RAID 0, 1, 5, 10), 2x SATA DOM ports; 2x M.2, 4x NVMe ports PCIe 5.0 x4 via 2 MCIO connectors 6. 5x PCIe 5.0 x16, 1x PCIe 5.0 x8 7. HD Audio 7.1 channel 8. 1x USB 3.1 Gen 2, 6x USB 3.0
8	Should have 512 GB 8x 64GB DDR5 ECC 4800 Mhz REG RAM
9	Should have Storage-Internal 1 x 2TB SSD M.2 PCIe 4.0 for OS 1 x 2TB SSD M.2 PCIe 4.0 for Cache
10	Should have atleast 4 x 24TB Enterprise HDD SATA-III for Data in RAID 5 or 6 via RAID Controller
11	Backplane 3x Backplane, screwless hot-swap for additional 3.5" HDD's (empty)
12	Should have Integrated Tableau T356789iu Forensic Universal Bridge USB3.0&PCIe&SATA&FireWire&IDE&SAS Silent Edition
13	Should have NVIDIA Graphic card with minimum 8GB memory, PCIe, HDMI/ DisplayPort
14	Should have 1x 8-Port RAID Controller, 1GB Cache, PCIe, 12Gb/s SATA/ SAS Supports RAID 0, 1, 5, 6, 10, 50, 60
15	Should have an - Forensic Card Reader with integrated 3-port USB Hub - Compact Flash= V 6.0, PIO mode 6 / Ultra DMA mode 7 and LBA48 - SD & micro SD: V1.0, V1.1,V2.0, SDHC, SDXC, V3.0 (UHS-I, V4.0 (UHS-II, MMC, RS-MMC, MMCmicro, MMCmobile - Memory Stick: MS V1.43, MS PRO V1.05, MS Micro V1.04, MS PRO HG Duo 1.0 3, MS XC Duo v1.00,MS XC HG Duo v1.00, MS XC Micro V1.00, MS XC HG Micro v1.00PTD - Multi-LUN: access to several card slots duringthe same time - "Read Only 1 Read&Write"-switch for all card slots, with LED indicator: red = Read Only, green = Read&Write - White LED indicator for card access - 1x USB 3.1-port Type-A & 2x USB 3.1-port Type-C (5 GBiVs) (downstream) Read&Write mode
16	Should have a 8 Port Dongle module for license management.
17	Must have Retractable Ice Tray internal cooler for suspected drive
18	Should have 4x Backplane, screwless hot-swap for additional 3.5" HDD's (For RAID)
19	Should have Keyboard and Mouse Combo
20	should have Adapters and Cables: Cables and adapters to image and process

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	internal/external drives including SAS, SATA, IDE, microSATA, SATA LIF, MacBook Air Blade Type SSDs, mini/micro SSD cards, 1.8 inch IDE (iPod), 2.5 inch IDE (laptopPTD), PCIe Card SSD Adapter, PCIe M.2 SSD Adapter, PCIe Apple SSD Adapter and PCIe Cable
21	Should have Windows Server 2022 64-bit or better, Forensik Software: TIM (Tableau Imager, FTK Imager, EnCase Imager)
22	Should be prebuild with a Web Forensics Software which can quickly collect online evidence without compromising compliance with forensic standards and best practices.
23	All collected artifacts are organized under dedicated case files, and an acquisition report is created to help you have all the information summarized. As a bonus, we timestamp in blockchain the evidence package.
24	Software to fulfill ISO IEC 27037 2012 vin standard on identifying, collecting, acquiring and preserving digital evidence.
25	Should natively run in Windows and Linux. The best flexibility ever
26	Should be able to create Unlimited Cases, Acquisitions and Evidence.
27	Should have a case manager where you can organize all your Cases, Acquisitions and Evidence.
28	Should generate a forensic report Every time a Case, Acquisition or Evidence is closed, a Forensic Report is created
29	Should have a case viewer to import and review cases created by others or created by you in other machines.
30	Should be able to maintain the PTD Digital Chain of Custody
31	All the Evidence are hashed with 3 different algorithms to avoid any even remote possibility of collision.
32	Each evidence is timestamped in real time, not at the end of the acquisition session.
33	Should be able to timestamp each Forensic Package created in multiple Blockchains
34	The entire Acquisition session is screen recorded to create a strong and presentable Evidence.
35	The traffic during the Acquisition Session is fully captured to make the final Evidence even stronger.
36	Should be able to keep track of user interactions during the acquisition session, creating an auditable user activity log.
37	Should be able to facilitate the presentation of the Evidence, Each Screenshot Evidence is printable in A4.
38	If a Screenshot Evidence is not enough, the Page shot will capture the content of a long page
39	For social media or infinite pages, It can automatically scroll while acquiring the content.
40	Each Web Evidence's source code is exported and saved in Web Page Archive format (MHTML vin)
41	Leverage the Split Screen feature to capture different websites side by side or the same website that react differently based on User Agent String
42	Should have an External bootable HDD with pre-installed Backup Software
43	Should be Tested and certified for use with EnCase Forensic, AXIOM and NUIX.
44	Should be passed through 12/24 hours Burn-in Test with the accurate results
45	OEM must be ISO 9001:2015 certified and the server should have a BIS(Bureau of Indian Standards) Certificate and TUV quality certificate.

Software for Central Lab

2. Mobile Forensic Tool – Variant 1: 1 Network License with 10 Concurrent users

Sl. No.	Technical Specifications
1	Should support more than 31+k devices, 900+ applications. And 44+k different mobile application versions.
2	Should be operated with a USB software license dongle with Perpetual license.
3	Should be able to highlight platform for chat messages as audio video data from WhatsApp, Skype, Facebook Messenger and Telegram, and much more
4	Should be able to read report file generated using corresponding cloud extraction from iCloud; One drive; Google Drive and other Cloud Services.
5	Should be able to support and extract cloud applications data and backup from more than 106 cloud applications.
6	Should be able to match files extracted against Hash Database and it should have built in support for project VIC and CAID hash database PTAD
7	Should be able to Decode modified IMEI numbers for android devices using built-in Sqlite and plist viewers.
8	Should support hash verification to ensure the extraction decoded is the same extraction received from the device.
9	Should be able to merge multiples extraction into a single unified case and exported to reports for efficient reporting and investigation results.
10	Should have the option to adjust the timestamp according to the time zone and offset setting on the device.
11	The software should allow physical extraction capability, decoding of backups for MTK based Android phones.
12	The software should offer various methods for unlocked Android devices: full file system extraction, via Agent, ADB, APK Downgrade method, and others PTAD.
13	Ability to recover deleted files from NTFS while running live extraction, importing computer images or connecting external drives.
14	Ability to import and parse computer images of AFF4, VHDX, NTFS & VDI formats from Windows, macOS and GNU/Linux.
15	Physical Extraction unlocking with at least 150 Qualcomm and Exynos based devices, Logical and advanced Logical Support for various based devices and Phones.
16	Should be able to extract data from Android based (all versions) Devices/Phones using proprietary Android agent.
17	Should be able to extract data from iOS based (all versions) Devices/Phones using proprietary iOS agent.
18	Should be able to extract data from Windows based (all versions) PTAD Devices/Phones.
19	Should be able to extract data from Kai OS based (all versions) Devices/Phones.

20	Should be able to extract data from Symbian based (all versions) Devices/Phones.
21	Should be able to extract data from Blackberry based (all versions) Devices/Phones.
22	Should have physical extraction method from more than 400 locked Android based devices bypassing any type of lock (Pattern/PIN/Password) using proprietary boot loaders, enabling a forensically audio-video extraction based on Kirin, Samsung Exynos, Unisoc, Qualcomm, MTK and Mediatek chipsets.
23	Should be able to extract data from Portable GPS Devices, Smart watches, and IoT devices.
24	Should enable physical extraction and decoding of data from a range of portable GPS devices. PTAD The decoded data should include: Entered locations, GPS fixes, Favorite locations, GPS info.
25	Should support data extraction from Garmin & Mio Devices. Extracted data includes: Favorites, Past journey (containing all the fixes during the journey), deleted GPS fixes.
26	Should be able to extract data from Unlocking tool for locked phones using Common Vulnerabilities and Exposures for android and iOS based smartphones.
27	The tool should provide a built-in attack manager for unlocking encrypted backups and partitions using brute force/buffer overflow method for phones and computer partitions including BitLocker, FileVault 2, Android Backup, iTunes backup, 7 ZIP, ZIP files and finding passcodes using the personal data from extractions
28	Ability to translate extracted data into 19+ different languages.
29	Added the ability to export multiple parsed data to RSMF format and load files.
30	Should be a network license for 10 User
31	Warranty: 3 Years

3. Mobile Forensic Tool – Variant 2: 1 Qty Perpetual Lic

Sl. No.	Technical Specifications
1	The solution should adhere to the fundamentals of digital forensic principles: <ul style="list-style-type: none"> a) A secured data file container to avoid allegations of interference with electronic evidence after extraction; b) An audit log to show exactly what functions the forensic tool performed on the digital device; c) Hash Algorithm options for enhanced file security and cross referencing.
2	The Solution should be independent of any vendor-specific extraction hardware component(s) that could act as a single point of failure and potentially block the Organization's capability of extracting mobile device data in case of malfunction of such component.
3	The Solution should use Windows Certified and signed USB drivers to avoid inteference with any other software running on the computer and for IT Security, this information must be available on microsoft's windows comaptible product list. Relevant reasons: https://docs.microsoft.com/en-gb/windows-hardware/drivers/develop/signing-a-driver.
4	The solution should provide the capability to perform advanced, forensically sound techniques to extract and decrypt the data from selected devices for example Samsung S7-S10, A10-A50, Samsung Galaxy S8/S9/S10/S20 etc.

5	The solution should provide the capability to extract and decrypt the data from devices such as Samsung Qualcomm, Huawei Kirin, Xiaomi Qualcomm, Oneplus Qualcomm, LG Qualcomm, Google Pixels and various other Android devices..
6	The solution should provide the capability to extract and decrypt the data from various Mediatek chipset based devices. Support must include (but not limited) the following chipsets must include (but not limited) the following chipsets: MT6893, MT6833V, MT6765V, MT6761, MT6762D, MT6833P, MT6785V, MT6762G etc. It should support samsung devices based on mediatek chipset.
7	The solution should provide the capability to extract and decrypt the data from various Mediatek 5G chipsets.
8	The solution should identify, extract and decrypt Samsung Secure folder.
9	The solution should identify, extract and decrypt Huawei Private Space.
10	The solution should be able to extract Huawei devices with Kirin processor using brute-force/Bypass.
11	The solution should be able to Unlock Samsung Secure startup using brute-force for Qualcomm.
12	The solution should automatically generate an audit trail of the forensic process for peer review.
13	The solution should support data extraction from various cloud data sources.
14	The solution should have toolkit for opening of phones.
15	The solution should have dedicated USB high definition camera.
16	The solution should have provision of unlimited extractions.
17	The solution should have generic profile to extract full file system from consent based Android devices.
18	The solution should have BFU (Before first unlock) support for devices based on Unisoc (Spreadtrum) Chipset.
19	The solution should support dumping and analysis of RAM from various mobile devices. It should allow users to look deeper into the structure of the RAM and the processes that were running at the time the dump was taken.
20	The solution should support distributed brute forcing which allows users to use multiple machines to brute force long and complex passwords. It should consist of a client-server solution where the server application distributes brute forcing jobs to the available clients until a match is found.
21	The solution should be regularly updated with new releases containing updates to device and app support as part of the license.
22	<p>The solution should have below features:</p> <ul style="list-style-type: none"> a) The solution must be able to import Python Script to assists on the decoding and analysis. b) The solution must be able to provide Connection (Link Analysis) View Visualization, Time Line View Visualization, Geographical View Visualization. c) The solution must have text translation & analysis to translate foreign language text on the fly without internet access with additional semantic analysis capability in order to categorize the meaning of specific words, such as categories of abuse. d) The solution must have offline maps to use offline copies of all geographic maps available for our solution and stored locally on PC hard drive. e) The solution must be able to provide PLIST, XML & SQL Database Viewers. f) The solution should have options for export of data into the standard file formats of XLS, XML, PDF, WORD, GPX, KMZ, VIC, FILE, EXTENDED XML, HTML, OpenDocument Text, OpenDocument Spreadsheet. g) The solution should have a content recognition capability and utilising NVidia GPUs to accelerate image classification times.

	The solution should have case review tracking functionality to keep track of case review progress.
23	Bidder/Supplier should provide training through Authorized Training Partner (ATP).

4. Product Name: Mobile Forensic Tool – Variant 3: 3 Qty Single User license

Sl. No	Technical Specifications
1	Advanced Mobile Extraction Capabilities
2	Solution should provide advanced access capabilities with unlocking and data extraction from iOS and Android mobile phones.
3	The solution should provide unlimited unlocks and unlimited extractions with a term-based license through a USB dongle.
4	The supplier must provide the software, cables and adapter to allow the solution to perform the access of Android and iOS mobile devices.
5	The solution should support autonomous & connected Brute-Force for a range of FDE and FBE Android devices.
6	The solution must be able to After-First-Unlock (AFU) Full File-system extraction from devices encrypted with Full disk encryption (FDE) and File-based encryption (FBE) from leading vendors such as Samsung, Huawei, Xiaomi, Motorola, LG, OPPO, Nokia, ZTE, OnePlus, Alcatel and others.
7	The solution should be able to provide Full File-System extraction for File-based encryption (FBE) devices and Physical extraction for the Full-disk encryption (FDE) devices from leading vendors such as Samsung, Huawei, Xiaomi, Motorola, LG, Nokia, ZTE, OnePlus, Alcatel, Pixel, Realme, Vivo, Oppo and others.
8	The solution shall support application selective data extraction allowing fast extraction of specific applications data.
9	The solution must be able to unlock Samsung Secure startup using brute-force for both Qualcomm and Exynos based devices.
10	The solution must be able to unlock FBE Samsung devices using brute-force for both Qualcomm and Exynos based devices.
11	The solution should be able to provide brute-force capability for unlocking Secure Start-up enabled Android MTK Full-disk encryption (FDE) and File-based encryption (FBE) devices from leading vendors such as Samsung, OnePlus, Motorola, Nokia, Huawei and others.
12	The solution should be able to unlock Huawei devices with Kirin processors using brute-force.
13	The solution should be able to provide brute-force capability for unlocking Android Qualcomm File-based encryption (FBE) devices from leading vendors such as Motorola, Nokia, Huawei and others.
14	The solution should be able to provide brute-force capability for unlocking Secure Start-up enabled Android MTK Full-disk encryption (FDE) and File-based encryption (FBE) devices from leading vendors such as Samsung, OnePlus, Motorola, Nokia, Huawei and others.
15	The solution should identify, extract and decrypt Samsung Secure folder, Huawei Private Space and Xiaomi second space.
16	The solution should be able to conduct After-First Unlock (AFU) based Full File-system extraction from iPhone 12, 13, 14 with chip running on A14, A15 to A16

17	The solution should be able to support autonomous Brute-Force for iOS devices.
18	The solution should be able to conduct brute-force (cold) on iPhone chip A8 all the way to A13 (iPhone 11 and iPhone SE Gen 2) to determine the device passcode.
19	The solution should be able to conduct full file system from older iPhone version running on chip from A8, A9 and A10 to newer devices running A13, A14 and A15 devices.
20	The solution must allow a Full File-system extraction of supported iOS devices.
21	The solution should be able to support autonomous Brute-Force for iOS devices.
22	The solution should allow the extraction in a forensically sound manner.
23	The solution should come with all the relevant documentation including supported devices, user manual, release notes and video tutorials.
24	The solution should be regularly updated to support additional operating system versions and devices during the valid license and support period.
25	Solution should provide an automated capability to streamline the extraction, decoding and reporting functions of the entire end to end process.
26	It should allow the user to define a workflow in the beginning of the process to ensure the complete decoding, enrichment and reporting functions are automated without need of any human intervention.
27	There should be capability to automatically search for relevant device information during the access phase of the device based on the device state.
28	Solution should be able to provide information related to device identifiers like IMSI, device name and IMEI along with device user identification information.
29	The automated workflow and searching device information capabilities should be available for the advanced access extractions for both iOS and Android devices.
30	Mobile Extraction Capabilities
31	The solution should be able to extract forensic evidence from supported mobile devices including mobile phones, handheld tablets, portable GPS devices and drones.
32	It should provide users with all physical, file system and advanced logical extraction capabilities for different devices and different Operating Systems as well as allow extraction of Cloud Data source tokens accessed by the Mobile Phone.
33	It should support automatic detection of supported devices. It should also support manual search for devices by manufacturer, model and IMEI number.
34	It shall have the ability to offer dynamic profiles of phones, based on IMEI, OS type, version and chipset.
35	A multi-SIM adapter with support for Micro, Nano and standard SIM cards should be supplied. Ability to perform SIM data extraction from a SIM or USIM card.
36	Support Android, iOS, Blackberry, Bada, Symbian & Windows mobile device and generic capabilities for certain chipsets like MTK and Qualcomm, to obtain decrypted Physical Extractions.
37	The software should allow examiners to perform a quick selective extraction of specific applications or files, while doing Selective File System extraction for supported Android as well as iOS devices.
38	The solution must use custom-made OEM proprietary boot loaders instead of the 3rd party bootloaders.



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39	There should be a consent-based collection capability without the need to select the device profile and extraction method, solution should automatically use the relevant device access method and present available extraction options to the user. This capability should allow user to perform other extractions at the same time.
40	The software should also allow selective extraction of only cloud tokens from the phone while doing Selective File System extraction.
41	The software should also be able to quickly capture the chat data, by automatically taking screenshots from any Android device. It should also allow the user to perform a text search on the captured screens as well. This should support applications like WhatsApp, Signal, Instagram and Snapchat
42	The software should be able to categorize the applications and group these categories for applications found in mobile devices and user should be able to filter by category. This capability should be available for supported Android as well as iOS devices.
43	The software should have a workflow guidance widget to help managers and administrators to guide, control and enforce working procedures.
44	The software should have the capability to allow the user to stop the Android File System extractions (except for Android Backup and APK downgrade) before they complete to save the partial extraction up to that point.
45	The software should include a copy functionality which allows selection of specific files such as images, videos, audio and documents from any unlocked device such as Android & iOS phones or removable drives.
46	Users should be able to open a Support Ticket directly from the software GUI.
47	Extraction Support
48	It should support advanced unlocking capability to perform Full File-System extraction from locked Samsung Exynos FBE and FDE devices with Secure start-up. This capability should support devices S8, S9, S10, and A10-A50 series, running up to the Android 13. It should allow users to upload their own custom dictionary to enhance the unlocking process to make the process easier and faster.
49	There should be a capability which allows lock bypass and get full file system & physical data collection from Samsung S8, S8+, S9, Note8 and Note 9 models with Qualcomm chipset. As part of full file system extraction, there should also be ability to extract Samsung Secure Folder.
50	The software should support Full File System extraction for the latest unlocked Samsung Exynos high-end devices like S20, S21, S22 running on Android 11. S21 should be supported with Android 12 as well.
51	Full File-System extraction from latest Samsung devices like Galaxy A04, A04s, A04e, A14, A24, A34, A54, M04, M14, M54, F04, F14 and F54
52	Full File-System extraction from the latest devices with Snapdragon 8 Gen 2, Snapdragon 4 Gen 1 and Snapdragon 7 Gen 1 chipsets.
53	The software should support extraction of Full File System data from unlocked Qualcomm chipset-based Samsung devices like S9, S10, S20, S21, S21 Ultra 5G, S21 Plus, S22 devices running on latest security patch level and up to the most recent Android 11.

54	The software should allow full file system extraction for unlocked Huawei Kirin devices running Android 9 and higher.
55	The software should allow collection of data from applications like Signal Private Messenger, Samsung Health and Proton Mail that leverage keystore for additional security using methods like full file system extraction for wide range of Android devices.
56	The software should have support for a generic Full File System or Physical Extraction for unlocked high-end Android devices with Qualcomm chipsets. This capability should be available for the popular devices from major Android vendors such as Samsung, Huawei, Xiaomi, OPPO, OnePlus, VIVO, as well as devices from Nokia, LG and Motorola, running on Android Versions from 7 up to 11.
57	There should be support for Full File system extractions from latest high-end Android Qualcomm devices such as Samsung Galaxy S21, S21 Ultra 5G and S21 Plus, Xiaomi Mi 11, One Plus 9, Redmi K40 pro, and others.
58	The software should at least provide the following extraction methods to the user: Selective Filesystem Extraction, Selective App data extraction, Selective cloud token extraction, EDL extraction with decryption, Unisoc Live, Kirin Live, Exynos Live, MTK Live, Qualcomm Live, Smart ADB, Samsung Qualcomm, Samsung Decrypting Exynos, Samsung MTK, Samsung Spreadtrum, Samsung Exynos Physical Bypass, Generic Android Unlock using Lockpick, APK Downgrade (Android 6 & above), Huawei Kirin extraction, LG LAF, Advanced ADB, TWRP, Coolsand chipset extraction.
59	The software should provide capability to perform Full File System or Physical extraction from unlocked MTK 64- bit devices running Android 9 and above for devices like Oppo A55, Realme 7, Vivo Y19, Xiaomi 11T and others with chipsets like mt6732, mt6735, mt6738, mt6763, mt6768, mt6769, mt6771, mt6781, mt6785, mt679, mt6983, mt8161, mt8163, mt8165, mt8732 and mt8752
60	The software should provide capability to perform Full File System or Physical extraction from unlocked Exynos 64 bit devices running Android 9 and above for devices. It should support all Exynos chipsets up to Exynos 2200.
61	It should provide capability for Nokia feature phones with proprietary Nokia OS and MTK & Spreadtrum chipsets to get physical extraction from Nokia 105, 110, and 130 families.
62	The software should have support to bypass pattern, password and pin locks and overcome encryption challenges for a wide range of Qualcomm EDL, Qualcomm and Exynos based supported Samsung, Motorola, LG and Sony devices.
63	The software should retract a range of data e.g., Call Logs, Contacts, Calendar SMS, MMS, Video, Image, Apps Data, GPS Trail, Chat, E-mails etc.
64	It should have support for data extraction, decoding and analysis for unlocked devices running up to iOS 18.0.
65	The software should be able to support full file system extraction using Checkm8 capability for Apple iPhone 7,7+,8.8+ and X for iOS 15.7.3 depending on the iPhone device supported based on Apple official release.
66	Decoding and Analysis Capabilities
67	Capability to provide powerful decoding and analysis solution for the extracted device data.

68	Should have Case Management capability which allows users to create and manage cases and to provide case details and exhibit information. It should enable users to include multiple extractions and to apply the different enrichments.
69	Should include dashboard view to provide quick visual overview and display insights into the extracted data including commonly used applications, the most recent messages and enable investigator to quickly and easily drill down into the data of interest.
70	Dedicated location analysis view to clearly categorize the location records like device visited locations, locations of some significance, media derived locations and any other location data for detailed user analysis.
71	Should have the capability to parse windows computer data like DD, E01, RAW, L01,001 or BIN images in the same application.
72	Capability to identify the origin of media items found within the device data to collect various metrics about a media item and apply logic to try to identify how the item originated, providing the user with information about the determined origin and the reasoning for that determination.
73	Should have Registry Viewer to enable viewing of all Registry hives in a UI similar to the native Windows Registry Editor
74	Should be built on a database architecture to reopen cases quickly without having to reprocess the data.
75	Should have internal cryptocurrency enrichment to automatically identify the usage of cryptocurrencies and to detect wallet addresses and transactions within the device data.
76	It should also have an external cryptocurrency enrichment ability to provide a detailed analysis of the cryptocurrency assets associated with detected wallet addresses and highlight potential illicit activity. The enrichment should further provide risk severity and graphs on currency sent and received insights. This crypto enrichment result should be exportable to a report for individual wallet addresses.
77	Function to allow view of cloud data in the platform with a valid cloud extraction license. Users can review the device data and cloud data through a single software interface with a unified experience, for a seamless and simplified review process.
78	Enable highlighting of the exact position for each decoded content entry, enabling full tractability between the analyzed data and the Hex.
79	Support for image carving to recover deleted image files and fragments when only remnants are available. Also support for advanced location carving, by decoding more location data from unallocated spaces and unsupported databases.
80	It should perform an on-demand searches for viruses, spyware, Trojans and other malicious payloads in files.
81	Enable the user to identify the usage of cryptocurrency and detect addresses or transactions within the device data to provide coin data including value, currency type, artifact type and model type. Support for parsing of the crypto wallet apps like Coinbase Wallet, Metamask, BitPay, Trust Wallet and MyEtherWallet.
82	Media classification capability to detect and categorize images and video frames into key categories. This capability should be selectable, allowing user to decide if he wants to run the media classification on a particular case.



83	The media classification capability based on machine learning to automatically identify media files related to 20+ key categories like Cars, Credit cards, Documents, Drugs, Faces, Photo ID, Flags, Food, Gatherings, Screenshots, Handwriting, Maps, Money, Nudity, Tattoos, Weapons and Suspected CSA (Child Sexual Abuse).
84	It should also be able to segregate the different media classifications into relevant groups like people, textual etc. to make the data review simpler and more efficient.
85	Capability to convert geographical location information to corresponding address directly from the software.
86	Decode network usage information to record the sending and receiving of information via various network connections.
87	Capability to identify unsupported apps in databases and surface data from them. It should leverage Artificial Intelligence to perform automatic analysis of any application database, and decode chats, contacts, user accounts and location artifacts without any prior knowledge of the application.
88	Support parsing of the Samsung wiped data to get the device factory reset data and also able to detect the time of last iOS data-wipe.
89	Support parsing of Apple pay data to get Apple wallet transactions and location data. Data should be available for transactions from both Safari and iMessages.
90	Capability to verify file integrity with use of MD5 and SHA 256.
91	Support applications such as WhatsApp, Skype, Facebook Messenger, Azar, Telegram, Discord, Tiktok, Wechat, Wickr, Reddit, Signal, Viber, Zalo, Cash App, imo, DuckDuck Go browser, Plus Messenger and WhatsApp dual mode.
92	Support the parsing of messages, calls and user accounts for the secure messaging app Threema for Android devices.
93	Support the parsing of messages, calls and user accounts for the secured Session Private Messenger for both iOS and Android devices.
94	It should have a built-in SQLite Viewer. Ability to save the queries created by the wizard and then run them again when the same application is encountered in other extractions.
95	Capability to match files extracted against Hash Databases and it should have built-in support for Project VIC and CAID hash databases.
96	Capability to allow user to include Case ID as well as other relevant case-related information as part of the extraction report and allow filtering based on specified date range.
97	Support viewing of all locations on a single map. Enable viewing of extracted locations using offline maps even without an Internet connection with an option to connect to offline maps from a shared central location.
98	Support viewing of text files including file information, content, and Hex.
99	Ability to generate and customize reports in different formats e. g. PDF, HTML, XML, Excel and Word. Global setting to select/unselect items in a report with ability to password protect the reports.
100	Provide a separate report with device information and user account information for quick reference of users.

101	It should enable chat messages to be exported in conversation format, in PDF reports. Support exporting of selected emails to EML format.
102	Support hash verification to ensure the extraction decoded is the same extraction received from the device.
103	Option to adjust the timestamp according to the time zone and offset setting on the device.
104	Should provide a file format viewer which allows users to view, search and copy readable content from various file types like plist, bplist, etc.
105	Capability to extract Google advertisement ID (AD-ID) on advanced logical extraction and iOS advertisement ID on iPhones.
106	Allow playback of WhatsApp audio files in analysis software. Provide indication of reply for WhatsApp messages in application and reports generated.
107	Support decoding and review of secret messages from Facebook Messenger in Android, with support for vanish mode (self-destructing messages).
108	Support for parsing WhatsApp's disappearing messages and iOS "view once" media. Support for parsing of Signal iOS messages which were set to self-destruct at a specified date-time.
109	Support for parsing WhatsApp messages received while the device was locked and not yet written to the main WhatsApp database.
110	It should be possible to validate the image hash directly from the software GUI.
111	Ability to extract memory from Samsung devices to decrypt Samsung Health DB and support for Samsung Digital Wellbeing.
112	Decrypt and decode location information from Samsung Rubin service.
113	Support Samsung browser passwords and allow user to review the decrypted password data of the device owner.
114	Ability to parse the artifacts supported by iOS Biome service like wireless connection artifacts and device events like airplane mode status, lock status, orientation change plugged-in status, location and notes content.
115	Support for decoding of Snapchat stories to get location and media files uploaded by the user.
116	The software should support the following decoding capabilities:
117	Decode the powering events, decode Samsung password manager and Samsung locked notes
118	Decode iOS CashApp to parse user account, transactions, contacts, and credit card data
119	Decode Microsoft Teams to parse chats, calls, contacts, user account, calendar events, and web artifacts
120	Decode encrypted media from iOS Private Photo vault including location and transaction data, should include transactions done with Safari and iMessages
121	Decode SkyPhone application to parse account information, address book and call history
122	Decode Google Archive Files

123	Decoding of backups for MTK based Android phones.
124	Decoding of warrant return packages from WhatsApp, Facebook, Google, Snapchat, Instagram, Apple iCloud, Discord, TextNow and SkyECC
125	Decoding of physical activity data from health and wellness applications
126	Decoding of different WhatsApp variants like WhatsApp2Plus, obwhatsapp, ob2whatsapp, ob3whatsapp and ob4whatsapp
127	Seamless process for cloud data decoding
128	Automatic decoding of data from .zip and TAR files
129	Decoding of the iCloud backup production set obtained from Apple devices and Instagram production set from other devices
130	Decoding of Huawei backup and Huawei HiSuite backup.
131	Decoding of ADB backup, MTK backup, iTunes backup, Blackberry 10 backup, Google Takeout (Google Archive) and LG backup
132	User should be able to save and abort decoding process.
133	Decoding of Berla ivx files
134	Keyword search capability to search within the decoded data and also in the contents of the files such as docx, pds, xls, DB, txt, plist and XML which are present in the extracted device.
135	Cloud Data Extraction Capability
136	Should allow access to remote cloud data sources to obtain, decode, save and perform analysis of this data.
137	There should be a single software interface in which users can review device data and cloud data through a single tool and with a unified experience, for a seamless and simplified review process.
138	The data from the cloud sources should be from the private domain, including data from social-media applications, instant messaging applications, lifestyle applications, web pages, file storage sources and other content available on cloud using a process which is forensically sound.
139	The Software should allow access to remote cloud data sources using cloud login keys from mobile devices supporting iOS and Android. It should also identify & leverage cloud tokens & passwords from computer & browser to expand available cloud sources to investigate.
140	Support extraction of different content types from the data sources which includes messages, images, videos, files, contacts, calls, user profile, locations, user activities and backups.
141	Provide visibility of the cloud extraction progress to the user. It should provide a view of the current status of each data source extraction with option to cancel the process if required.
142	Allow users to gather private user data with appropriate legal authority from over 60 of the most popular social media and cloud-based sources, i.e. Facebook, Telegram, WhatsApp, Viber,

	Twitter, Gmail, AOL Mail, Dropbox, Uber, Skype, Instagram, , TikTok, Line, LinkedIn, SnapChat messages, LinkedIn Public, Discord, Google Drive, etc., using login credentials provided by the subject, cloud login keys extracted from mobile devices or PCs, retrieved from personal files or via other discovery means to gain access to time-sensitive evidence.
143	Capability to create cloud tokens from manually entered credentials for future cloud extractions.
144	Allow extraction of Facebook location history data to provide information about location of a device or account.
145	Should have the media classification capability to detect and categorize images and video frames into key categories. This capability should be selectable, and user should be able to decide if he wants to run the media classification on a particular case.
146	The media classification capability should be based on machine learning to automatically identify media files related to 35+ key categories like Cars, Credit cards, Documents, Drugs, Faces, Photo ID, Flags, Food, Gatherings, Screenshots, Handwriting, Maps, Money, Nudity, Tattoos, Weapons and Suspected CSA (Child Sexual Abuse).
147	Capability to use the QR code scan of the unlocked phone to access and extract the Telegram Web data including contacts, calls, user account, chats, channels data, instant messages including attachments, shared contacts and locations.
148	Capability to access WhatsApp Web data through QR code scan of the unlocked device to extract data including contacts, user account, chat data and chat instant messages.
149	Ability to validate data artifacts from iCloud data, iCloud drive, iCloud Photos, iCloud keychain, google contacts, calendar, task and photos. Support WhatsApp Google backup allowing extraction of WhatsApp backups using a Google User account, password and a mobile device.
150	Support extraction of Samsung backup files, including photos, calls, messages and notes.
151	Allow use of cloud login keys from the Mobile device and using cloud keys it should result in mimicking the mobile device thus leaving minimal login traces and generating little or no alerts to the end user. Also allow extraction from a variety of remote cloud data sources using known username and password.
152	Support 2FA authentication when accessing cloud data using username and password for at least Facebook, Google, Twitter and Dropbox
153	Support creation of PC browser tokens for Facebook, Google, Instagram and LinkedIn. It should also support creation of PC apps token for iCloud and One Drive.
154	Support reduction of extraction time from Cloud storage sources such as Google Drive, Dropbox, One Drive, etc. by pre-selection of specific files and directories for extraction
155	Support extraction of several files revisions from Cloud storage sources such as Google Drive, iCloud Drive, Dropbox, OneDrive, Outlook 365, Office 365, Box, and Magenta Cloud application
156	Should display the location events chronologically. It should enable viewing of extracted locations using online as well as offline maps even without an internet connection.
157	Should automatically collect and hash digital evidence such as media files.
158	Support for extraction of Samsung Cloud backups.

159	Support Google's backup and extraction features saved notes on Google Keep, Google My Activity, Google passwords, Google recent devices from Google servers. Reporting of extracted data from the Cloud to human readable format such as PDF, Word, Excel, HTML and XML. It should provide global setting to select/unselect items in a report. The software should allow to password protect the reports.
160	Subscription license with software/ Firmware updates during the warranty period

5. Disk Forensic Tool – Variant 1: 1 Network License with 10 Concurrent users

Sl. No.	Technical Specifications
1	Should have built in module to Create forensic images of suspected storage device in DD,EO1, SMART & AFF format with authentication with MD5 and SHA1 hash
2	Should analyze registry of windows based machine to extract vital information like Typed web address, USB device information, saved passwords, OS install date, OS name and version etc.
3	Should have built in module to Recover passwords (Password recovery Tool) from 100+ applications as MS Office up to version 2010, Financial Accounting software Tally, Adobe pdf, Win Zip, allow examiner to perform distributed password recovery by harness idle CPUs across the network to decrypt files and perform robust dictionary attacks, facility for generating biographical dictionary for password attackPTS.
4	Should allow user to create physical drive from image.
5	Should use MSSQL, Oracle or PostgreSQL database in background to store large amount of data.
6	Should have KFF hash library with 45 million hashes.
7	Should have advanced data carving engine which allows examiner to carve allocated and unallocated data on mentioned criteria to reduce the amount of irrelevant data carved while increasing overall thoroughness: File size, file type, pixel size, over 50 custom data carvers for windows, MAC, Linux and Internet artifacts.
8	Should support RAM dump analysis.
9	Should support 32 bit or 64 bit windows .
10	Should support email analysis of various email clients as: Outlook PST/OST, Outlook Express DBX, Exchange EDB, Notes NSF, EML (Microsoft Internet Mail), Eudora, Thunderbird, Quickmail, Netscape, AOL etc.
11	Should Supports analysis of encrypted images with popular encryption technologies, such as Credant, SafeBoot, Utimaco, EFS, PGP and Guardian Edge with known passwords.
12	Should support for Mac like Process B-Trees attributes for metadata, PLIST support,

	SQLite database support, Apple DMG and DD_DMG disk image support, JSON file support etc.
13	Should Create reports and export them into native format, HTML, PDF, XML, RTF, and more - with links back to the original evidence.
14	easy-to-use GUI with pre-defined and customizable data views, advanced filtering, dockable windows and automated data categorizationPTS.
15	Support a robust ecosystem with more integrations, adding new parsers for improved mobile data analysis
16	Establish enterprise-wide processing standards with new customizable processing options, creating consistency for your investigations and reducing the possibility of missed data
17	Job management improvements to see all active jobs and easily change job processing order based on changing priorities without affecting progress
18	Indexing flexibility with multipass review to avoid reprocessing
19	Should be able to scrape out email signature data, prepare a database of it and should be able to do person identification based on the email signature.
20	Full integration with web based reviewer which can support automation, image recognition and artificial intelligence over single as well as multiple cases at the same time.
21	Should have Cerberus allows you to determine the behavior and intent of suspect binaries, giving you actionable intelligence without having to wait for the malware team to perform deeper, more time consuming analysis. This automated malware triage and analysis allows you to:PTS - Gain actionable intelligence in seconds to validate threats and take decisive action. - Achieve signature-less malware detection with proactive threat scans.
22	Should be a network license for 10 User
23	Warranty - 3 Years

6. Product Name: CDR/IDPR Analysis Tool – Variant 1: 1 Network License with 10 Concurrent users

SL No.	Technical Specifications
1	Inbuilt Mailbox:
2	System should have inbuilt Mailbox configuration capability to download and manage data received from service provider without switching to external mailbox.
3	Data Acquisition: Data acquisition process should accept all type of file format along with the following option
4	Hash Value
5	Maintain ETL log
6	Duplication of source file after import for future reference

7	Convert exponential values
8	Import from server client
9	Dynamic Data Repository: Dynamic Data Repository should contain high value information that analyst/IO has created from inputs received from wide variety of information sources. The items in Dynamic Data Repository provides high value source data and may be modified later as a result of further analysis or fresh data. Dynamic Data Repository provides the following functions to manage data:
10	Creation of entities, person or Organization.
11	Merging of entities.
12	Grouping entities in to sets.
13	Deleting entities.
14	Modification of entities, modification history of the entities must be maintained.
15	Data Analysis (Telecom Logs) : should be able to perform the following analysis
16	Pivot Table like analysis
17	Foot Print reports
18	Number Tracking
19	Pattern Analysis
20	Auto display the opposite party location.(If data is also present in the system)
21	Merge IPDR and CDR
22	Same Day/Week/Month Activation
23	Meeting points of suspects
24	Work/Home/Hideout Locations
25	Frequently Visited Places
26	International connections
27	Scramble Number
28	Common Numbers
29	New Number Analysis for single and group of CDRs



30	System should allow the user to merge the transaction data of one or more individuals spread over single/multiple entities further spread over single/multiple service providers.
31	Behaviour Analysis: System should gauge any change in behaviour of suspects between users defined time periods.
32	Intelligence Analysis: System should extract intelligence from huge volumes of data based on user defined criteria.
33	System should process International Long Distance and Internet Protocol Data records.
34	Data visualization: Should be a graphical interactive tool to visually interrogate the Telecom data by creating clusters or groups making them more accessible and easier to understand further system should fetch relevant information from the data repository and place it on graphical chart appropriately to enrich the chart with additional information involved. System should have the following functionality:
35	Should generate the following types of Layouts/Charts:
36	a. Peacock Layout
37	b. Circular Layout
38	c. Hierarchical Layout
39	d. Timeline Layout
40	Should show histogram and show the common data between selected nodes.
41	Identify the Node with maximum density.
42	Should be able to find the shortest path in the network.
43	Should be able to find the longest path in the network.
44	Should be able to identify the common number with maximum density.
45	Should Identify the Target numbers.
46	Should allow users to perform drill down on any graph or table to view the detail breakdown on any value during the course of analysis.
47	Should be able to provide data Filtering and Sorting on various fields/properties and provide analysis and visualization capabilities on filtered dataset.
48	Should produce dynamic briefing charts by including photographs, and electronic

	documents.
49	Should be able to search for the given number and highlight the same.
50	Should be able to move the required cluster of nodes or required nodes to new analysis screen.
51	Should display the details of the selected number.
52	Should save the generated chart as an image.
53	Should be able to change colours font's styles of the network.
54	Nodes and Links of the graphical representation as per user's requirement.
55	Should be able to remove the nodes that have links equal to less than the given number.
56	Unwanted or irrelevant nodes should be removed on single click
57	GEO Analysis: System should plot and make a virtual map with respect to time and be capable of graphical presentation of location fixation over either GIS street level map to be provided with the system or on the freely available street level maps from providers.
58	Should intelligently animate the path on map travelled by the suspect
59	Should be able identify and highlight the BTS that are located or closest to selected area.
60	It should find the nearest route directions between two places selected on maps; which enable the I.O to choose between given different routes to travel from Source to Destination addresses.
61	Geo Fencing: Should be able to define a virtual boundary on geographical MAPs.
62	Crime mapping should be able to map, visualize, and analyse crime incident patterns.
63	Case Management: System to store all the case related data; like persons involved, their numbers, its media etc. This data should auto synchronized with Dynamic Data Repository and can be considered/compared with the current crime scene; which will help the I.O's to find out the modus operandi or can get assistance from the police station/I.O of crime reported.
64	Adding persons names and their Mobile/IMEI/IMSI Numbers/Bank Account Numbers
65	Crime Scene (on Maps with Latitude/Long Info)
66	Weapons used during crime
67	Articles Seized
68	Media Files (Audio/Video/CCTV)

67	Other Databases Collaboration:
68	System should be able to add data connection to the external databases like RTO database, Gas consumer database etc. The said data should be searched with concept search techniques.
69	Single Window Search Engine:
70	Permutation and combination search: System should return relevant search result irrespective of the way/arrangement of items of the combined search.
71	Percentage match search: User should be able to specify the percentage match criteria and system should return relevant results meeting the specified criteria.
72	Phonetic search: System should return similar sounding names.
73	Nested search: Search result of the one query should act as input for the next query.
74	Mobile Application: Mobile application for on the go analysis of the telecom data. Application should accept the data with single click and generate various reports like:
75	Frequency Report
76	Location Analysis with GIS integration
77	Common number report
78	Suspect matching
79	IPDR Analysis:
80	System should identify all App-App calls done through P-to-P connectivity.
81	System should identify other party in App to App calls.
82	System should identify common other party numbers in MSISDN IPDR.
83	System to identify direct connectivity among suspects IPDRS.
84	System Design
85	Client Server Architecture: Server client setup so that SDR data coming from different service providers should be stored centrally. Clients should be connected to server through LAN/VPN and would have access to server based on assigned privileges. Clients should be 10 number of client licenses. System design should ensure data integrity is maximized and redundancy is minimized.

7. Product Name: OSINT Tool – Variant 1: 1 Qty

Sl. No.	Technical Specifications
1	Cloud-hosted SaaS platform enabling investigators to collect, analyze, and visualize social media intelligence (SOCMINT), OSINT, and crime data in an interactive Crime Wall for link analysis and collaboration
2	Should have link analysis, timeline visualization, evidence correlation, and relationship pattern detection
3	Should have Extracts people, phone numbers, emails, usernames, organizations, etc. from raw data
4	Should have entities based on interactions, co-occurrence, metadata (e.g. calls, texts, meetings)
5	Should have Visual node-link graph with interactive features (zoom, drag, color, group, filter)
6	Should have Plot of communications/events over time for temporal pattern recognition
7	Filter by crime type, timeframe, relationship strength, device ID, etc.
8	Proposed tool should have following Capabilities:
	Link Analysis: Visual mapping of person-to-person, person-to-event, or digital footprint connections
	Graph Algorithms: Centrality, clustering, degree analysis, link prediction
	Timeline Analysis: Visual event sequencing and communication timelines
	Network Behavior Detection: Detects group formation, recurring interaction patterns, anomalies
	Geospatial Correlation: Mapping interactions and entities by GPS or IP location
9	Proposed tool should have Visualization Features like:
	Interactive Crime Wall:
	Drag and drop entities
	Expand/collapse networks
	Show indirect links (degrees of separation)
	Color & Shape Coding:
	Different colors/shapes for entity types (person, location, device, org)
	Clustering & Grouping:
	Auto-detection of sub-networks or “gangs”
	Timeline & Heatmap Views
	Temporal activity, frequency-based color heatmaps
	Map Integration:
	Geolocation plotted on interactive map (Leaflet, Mapbox, or Google Maps APIs)
10	Proposed tool should have following Capabilities:
	Link Analysis: Visual mapping of person-to-person, person-to-event, or digital footprint connections
	Graph Algorithms: Centrality, clustering, degree analysis, link prediction
	Timeline Analysis: Visual event sequencing and communication timelines
	Network Behavior Detection: Detects group formation, recurring interaction patterns, anomalies
	Geospatial Correlation: Mapping interactions and entities by GPS or IP location

8. Product Name: All-In-One Forensic Tool: 1 Qty

Sl No.	Technical Specifications
1	Running Windows machine RAM (volatile memory) acquisition – done via Live RAM Capturer tool included into the installation package.
2	Hard and removable drive acquisition to raw or E01 format
3	Acquisition of images with Tableau TX1. Acquisition is run from the software's interface, no communication with Tableux is required.
4	SIM-card acquisition. Supported with the use of a hardware SIM-card reader.
5	Acquisition of iOS devices:
6	Logical acquisition via iTunes backups (for iPhones and iPads)
7	iTunes backup can be created with forced encryption
8	Agent-based iOS acquisition
9	iOS device models: iPhone 5S to iPhone X as well as newest iPhone XS/XS Max, iPhone XR, iPhone 11/Pro/Pro Max, iPhone 12, iPhone SE (2nd gen), iPad Air (3rd gen) and iPad Pro (3rd gen) and others
10	Supported iOS versions: starting from iOS 10.3 to iOS 14.3 and from 15.0 to 15.1.1 (full file system and keychain).
11	Could work without paid Apple Developer ID
12	Acquisition of iPhone 5S—iPhone X and for iPads with similar processor types without jailbreak
13	Acquisition via Apple File Conduit (AFC) protocol.
14	Acquisition of iOS with lockdown file authentication.
15	iOS crash log extraction without jailbreak.
16	Acquisition of Android devices:
17	Logical acquisition via ADB or agent-based backups (for Android devices).
18	Encrypted ADB backups are supported.
19	Acquisition of Android SD card is now supported via ADB backup method.
20	Support for automatic start of an ADB backup.
21	Acquisition via MTP/PTP protocols.
22	Android physical acquisition or EDL (for rooted Android devices)
23	Android logical acquisition (for rooted Android devices).
24	Android Advanced ADB backup (combination of all available methods powered by ADB)
25	Acquisition of MTK based devices, MTK processor type autodetection.
26	Data acquisition via automated screen capture.
27	4 ZE554KL · Asus Zenfone 5 ZE620KL · Asus Zenfone Max Pro M1 · Asus Zenfone Max Pro M2 · Asus ZenFone 4 ZE554KL · Asus ZenFone 5Z · Asus ROG Phone (2.96 GHz) · Asus ZenFone 3 Deluxe (5.7" 64GB) (ZS570KL) · Asus ZenFone 3 Deluxe (5.7" 256GB) (ZS570KL) · Asus Zenfone AR · Asus Zenfone Ares (2018) · Asus ZenFone 3 (5.2") (ZE520KL) · Asus ZenFone 3 (5.5") (ZE552KL) · Asus ZenFone 3 Deluxe (5.5") (ZS550KL) · Asus ZenFone 3 Zoom/ZenFone Zoom S (ZE553KL) · Asus Zenfone 4 Selfie Pro (ZD552KL) · Asus ZenFone 3 Laser · Asus

ZenFone 3 Max ZC553KL · Asus Zenfone 2 Laser ZE500KL · Asus Zenfone Max ZC550KL · Asus ZenFone 5 Lite · Lenovo K9 Note · Lenovo K5 Pro · Lenovo S5 Pro · Lenovo Z5 · Lenovo S5 Pro GT · Lenovo Z5s · Lenovo Z5 Pro · Lenovo Z6 SE/Z6 Lite/Youth · Lenovo Phab 2 Pro · Lenovo K9 Plus · Lenovo P2 · Lenovo S5 · Lenovo K6 · Lenovo K6 Note · Lenovo K6 Power · Lenovo A805e · Lenovo Sisley S90 · Lenovo Vibe Z2 · Lenovo A6000 · Lenovo Vibe X3 · LG G4 · LG V10 · LG X mach/X fast · Meizu E3 · Meizu 15 · Meizu 16X · Meizu X8 · Meizu 16 · Meizu 16 Plus · Meizu Zero · Meizu 15 Lite/Meizu M15 · Meizu M6 Note · Meizu Note 8 · Motorola Moto Z3 · Motorola Moto X4 · Motorola Moto G6 Plus · Motorola Moto G7 Plus · Motorola Moto Z3 Play · Motorola One Power/P30 Note · Motorola P30 · Motorola Moto Z · Motorola Moto Z Force · Motorola Moto G5 Plus · Motorola Moto G5S Plus · Motorola Moto Z Play · Motorola Moto Z2 Play · Motorola One · Motorola Moto G4 · Motorola Moto G4 Plus · Motorola Moto G5 · Motorola Moto G6 Play · Motorola Moto E5 Plus (India and China) · Motorola Moto E5 Plus · Motorola Moto E4 (USA) · Motorola Moto E5 Play · Motorola Moto G6 Play · Motorola Moto Z2 Force · Nokia 8 · Nokia 8 Sirocco · Nokia 6.1 · Nokia 7 · Nokia 6.1 Plus/X6 · Nokia 7.1 · Nokia 6.2 · Nokia X71 · Nokia 7 Plus · Nokia 7.2 · Nokia 9 PureView · Nokia 5 · Nokia 6 · Nokia 2.1 · Nokia 8110 4G · Nokia 2720 Flip · Nokia 800 tough · Nokia 2 · Nokia X2 · Nokia X7/8.1/7.1 Plus · OnePlus 5 · OnePlus 5T · OnePlus 6 · OnePlus 6T · OnePlus 6T McLaren Edition · OPPO R11 · OPPO R11 Plus · OPPO R11s · OPPO R11s Plus · OPPO R15 Pro · OPPO R15 Dream Mirror · OPPO K1 (64GB only, 128GB model is the R15x) · OPPO R17 Neo/RX17 Neo · OPPO F3 Plus · OPPO R9 Plus · OPPO R9s Plus · OPPO R9s · OPPO A57 · Samsung Galaxy S8 (USA/Canada/China/Hong Kong/Japan) · Samsung Galaxy S8+ (USA/Canada/China/Hong Kong/Japan) · Samsung Galaxy S8 Active (AT&T USA) · Samsung Galaxy Note 8 (USA/Canada/China/Hong Kong/Japan) · Samsung Galaxy Tab S4 · Samsung W2018 · Samsung Galaxy S7 (SMG9300/A/P/T/U/V) · Samsung Galaxy S7 Edge (SMG9350/A/P/T/U/V) · Samsung Galaxy S7 Active (SMG891A) · Samsung Galaxy Note 7 (SMN9300) · Samsung Galaxy Tab S3 · Samsung W2017 · Samsung Galaxy Note FE (SMN9350) · Sharp Aquos C10 · Sharp Aquos D10 · Sharp Aquos S2 64GB · Sharp Aquos S3 · Sharp Aquos S3 Mini · Sharp Aquos Sense Plus · Sharp Aquos S2 128GB · Sharp Aquos S3 128GB · Sharp Aquos R Compact · Vivo Z1i · Vivo V9 6GB (Indonesia) · Vivo V11 Pro · Vivo X20 · Vivo X20 Plus · Vivo X20 Plus UD · Vivo X21 · Vivo X21 UD · Vivo X21s · Vivo Z1 · Vivo X23 Symphony · Vivo Nex A · Vivo Nex A UD · Vivo X27 (256GB) · Vivo X27 Pro · Vivo Z3 (6GB RAM) · Vivo Z5x · Vivo Nex S · Vivo iQOO Neo · Vivo Xplay 5 · Vivo Xplay 5 Elite · Vivo Xplay 6 · Vivo V3 Max · Vivo X6s · Vivo X6s Plus · Vivo X7 · Vivo X7 Plus · Vivo X9 Plus · Vivo X9s · Vivo X9s Plus · Vivo V5 Plus · Vivo V9 · Vivo X9 · Vivo Y79 · Vivo Y53 · Vivo Y66 · Vivo Y93 · Vivo Y95 · Vivo U1 · Vivo Y3 · Xiaomi Mi 6 · Xiaomi Mi MIX 2 · Xiaomi Redmi Note 5/Redmi Note 5 Pro · Xiaomi Redmi Note 5 AI Dual Camera · Xiaomi Redmi Note 6 Pro · Xiaomi Mi Max 3 · Xiaomi Mi

28	APK downgrade acquisition should be supported for the following apps: · Badoo · Dolphin · Evernote · Facebook · Facebook Messenger · Firefox browser · Hangouts · Instagram · ICQ · Kakao Talk · Kate Mobile · Kate Mobile Lite · Likee · Line · Odnoklassniki · Onedrive · Opera · Opera beta · Pinterest · Puffin browser · QQ · SHAREit · Signal · Sina Weibo · Skype · TamTam · Telegram · Tik Tok · Tumblr · Twitter · Via Browser · Viber · VKontakte · Voxer · WeChat · WhatsApp · Wickr Me · Yandex Browser · Yandex Mail · Zello · Zoom
29	Acquisition of Android SD card is supported via APK downgrade method.
30	APK downgrade is available for apps using Dual Messenger function on Samsung devices
31	Agent-based MTK acquisition supported for: · Acer Iconia One 10 B3-A30/B3- A40/B3-A50 series · Acer Iconia One 8 B1- 860 series · Acer Iconia Talk S · Alba tablet series · Alcatel 1 5033 series · Alcatel 1C · Alcatel 3L (2018) 5034 series · Alcatel 3T 8 · Alcatel A5 LED 5085 series · Alcatel A30 5049 series · Alcatel Idol 5 · Alcatel/TCL A1 A501DL · Alcatel/TCL LX A502DL · Alcatel Tetra 5041C · Alcatel U5 / Orange Rise 52 · Alldocube iPlay10 Pro · Alldocube iPlay8 · Amazon Fire 7 2019—up to Fire OS 6.3.1.2 build 0002517050244 only · Amazon Fire HD 8 2016—up to Fire OS 5.3.6.4 build 626533320 · Amazon Fire HD 8 2017—up to Fire OS 5.6.4.0 build 636558520 only · Amazon Fire HD 8 2018—up to Fire OS 6.3.0.1 only · Amazon Fire HD 10 2017—up to Fire OS 5.6.4.0 build 636558520 only · Amazon Fire HD 10 2019—up to Fire OS 7.3.1.0 only · Amazon Fire TV 2—up to Fire OS 5.2.6.9 only · ANRY S20 · ASUS ZenFone 3 Max ZC520TL · ASUS ZenFone Max Plus X018D · ASUS ZenPad 3s 10 Z500M · ASUS ZenPad Z3xxM(F) MT8163-based series · Barnes & Noble NOOK Tablet 7" BNTV450 & BNTV460 · Barnes & Noble NOOK Tablet 10.1" BNTV650 · Blackview A8 Max · Blackview BV9600 Pro (Helio P60) · BLU Life Max · BLU Life One X · BLU R1 series · BLU R2 LTE · BLU S1 · BLU Tank Xtreme Pro · BLU Vivo 8L · BLU Vivo XI · BLU Vivo XL4 · Bluboo S8 · BQ Aquaris M4.5 · BQ Aquaris M8 · CAT S41 · Coolpad Cool Play 8 Lite · Coolpad Legacy S(R) · Cubot Power · Dragon Touch K10 · Echo Feeling · Evercoss Genpro X Pro S50 · Gionee F103 Pro · Gionee M7 · Gionee S9 · HiSense Infinity H12 Lite · HTC Desire 12 · HomTom HT20 · Huawei GR3 series · Huawei Y5II · Huawei Y6II MT6735 series · ION Gravity · Lava Iris 88S · Lenovo A5 · Lenovo C2 series · Lenovo Tab E7 · Lenovo Tab E8 · Lenovo Tab2 A10-70F · Lenovo Tab3 10 · Lenovo Vibe K5 Note · LG K8+ (2018) X210ULMA (MTK) 702 San Conrad · LG K10—K430 series · LG K10 (2017) · LG K50 · LG Q7 (MTK) · LG Stylo 4 (MTK)—up to Q710AL11k · LG Tribute Dynasty · LG X power 2/M320 series (MTK) · LG Xpression Plus 2/Harmony 3/K40 LMX420 series · Lumigon T3 · Meizu M5c · Meizu M6 · Meizu Pro 7 Plus · Motorola Moto C series · Motorola Moto E3 series (MTK) · Motorola Moto E4 series (MTK) · Nokia 1 · Nokia 1 Plus · Nokia 3 · Nokia 3.1 · Nokia 3.1 Plus · Nokia 5.1 · Nokia 5.1 Plus/X5 · Odys PACE 10 (MT8163) · Onn 7" Android tablet · Onn 8" & 10" tablet series (MT8163)—up to 10/2019 FW only · Oppo A59 series · Oppo A5s—up to A.30 only · Oppo A7x—up to Android 8.x · Oppo F5 series/A73—up to A.39 · Oppo F7 series—Android 8.x only · Oppo F9 series—Android 8.x only · Oppo R9xm series · Oukitel K6 · Oukitel K9 · Oukitel K12 · Oukitel U18 · Philips E518 · Protruly D7 · RCA Voyager III—RCT6973W43MDN · Realme 1 · Realme 3 · Snopow M10 series · Sony Xperia C4 · Sony Xperia C5 series · Sony Xperia L1 · Sony Xperia L3 · Sony Xperia M5 series · Sony Xperia XA series · Sony Xperia XA1 series · Southern

	Telecom Smartab ST1009X (MT8167) · Teclast M30 · TECNO Spark 3 series · Umidigi F1 series · Umidigi Power · Verizon Ellipsis 10 HD QTAXIA1 · Vernee Mix 2 · Wiko Ride · Wiko Sunny · Wiko View3 · Xiaomi Redmi 6/6A series · ZTE Blade 10 Prime · ZTE Blade A530 · ZTE Blade A7 Prime · ZTE Blade D6/V6 · ZTE Blade V8 Lite · ZTE Quest 5 Z3351S · ZTE Voyage 4S/Blade A611
32	Spreadtrum acquisition supported for: · Alcatel 1C 5003D · Alcatel 1S 5024D · Archos 40D Titanium · Archos 55 Platinum · ARK Benefit Note 1 · ARK Benefit S402 · ARK Benefit S453 · Assistant AS-5411 · BLU G5 · BLU G60 · BQ 5528L Strike Forward · BQ 5731L Magic S · BQ 6040L Magic · BQ 6042L Magic E · Coolpad Mega 5A · DEXP Ixion E140 Strike · DEXP Ixion E150 Soul · DEXP Ixion E250 Soul · DEXP Ixion E345 Jet · DEXP Ixion E350 Soul 3 · DEXP Ursus TS370 · Digma Citi Z520 · Digma Hit Q400 · Digma Linx A400 · Digma Linx A401 · Digma Linx A420 · Digma Linx A450 · Digma LINX Rage 4G · Digma LINX Trix 4G · Digma Plane 7574s · Digma Vox A10 · Digma VOX E502 4G · Digma Vox G450 · Digma Vox S507 · FinePower C2 · FinePower C5 · Fly FS528 Memory Plus · Fly FS551 Nimbus4 · Fly IQ436i Era Nano 9 · Fly IQ4490i Era Nano 10 · Gigaset GS80 · Ginzzu S4020 · Gionee Max · GoClever Max · HTC Desire 326G DualSim · INOI 7 · Intex 7 · Intex Elyt Dual · Intex Indie 6 · Intex Staari 11 · Irbis SP05 · Irbis SP06 · Itel P36 Pro · Itel Vision 1 · Itel Vision 1 Plus · Jinga A400 · Leagoo Z5c · Lenovo A1000 · Lenovo A2800D · Lenovo A398T+ · Micromax Q301 · Micromax Q326 · Micromax Q346 · Micromax Q346 Lite · Micromax Q379 · Micromax Q385 · Micromax Q465 · Nobby X800 · Philips S260 · Philips S307 · Prestigio Muze V3 LTE · Prestigio Wize NV3 3537Duo · TeXet TM-4003 · TeXet TM-5073 · TeXet TM-5075 · TeXet TM-5076 · TeXet TM-5077 · TeXet X-line TM-5006 · TeXet X-quad TM-4503 · Vertex Impress Wolf · Wiko Sunny 2 · Wiko Sunny 3 · Wiko Sunny 4 · ZTE Blade A3 2019 · ZTE Blade A3 2020 · ZTE Blade A5 · ZTE Blade AF3 · ZTE Blade GF3
33	Cloud Acquisition for Various Cloud and Webmail Services
34	· Carbonite · Huawei · Google Drive · Google Timeline · Google Keep · Google Sync · Google MyActivity · Gmail · Instagram · Microsoft Office 365 · Telegram · VK · WhatsApp · WhatsApp with QR code · iCloud
35	Should support Google History services: · Android · Chrome · Cloud Search · Daydream · Entertainment Space · Gmail · Google Analytics · Google Apps · Google Arts & Culture · Google Cloud · Google Developers · Google Home · Google Play Console · Google Play Games · Google Play Books · Google Play Market · Google Play Music · Google Play Films · Google Store · Google Assistant · Google Drive · Google Calendar · Google My Business · Google News · Google Lens · Google Translator · Google+ · Guidebooks · Inbox · Socratic · Wing Marketplace · YouTube · Audio search · Voice control · Maps · Books · News · Search · Video search · Image search · Purchases · Journeys · Advertisement · Recommendations · Help · Finance
36	Should support retrieving the info on user activity from: · Page visited · Search made · Image viewed · Video watched · Video liked
37	Should support webmail cloud services: · Yahoo · Yandex · 21cn · QQ · Sohu.com · Alibaba · Free.fr · Gmx · Carbonite · Comcast · Inbox.com · email.ua · online.ua · Opera · Mail.ru · Hotmail · Fast Mail · Runbox · Mac.com · aol.com · Hushmail.com · Vip Sohu · Rambler ·

	Qip · Pochta.ru · GNU · KolabNow · Ziggo.n
38	Two-factor authorization should be supported for Google Cloud and iCloud acquisition.
39	Checkm8-based acquisition
40	Should allow the user to perform jailbreak-free extraction of select iOS devices via unpachable exploit.
41	Compatible devices include the range of iPhone and iPad devices powered by Apple's A7 through A11 SoC (iPhone 5s through iPhone X).
42	Supported iOS versions are 12.0 to 15.5
43	Should support Keychain extraction. Keychain can be extracted via checkm8-based acquisition and from any jailbroken iPhone. Basing on the information extracted, various decryption tasks are made possible (e.g. iOSil Signal messenger decryption).
44	Supported Extraction Types
45	Should be able to extract and recover artifacts using various methods:
46	Analysis of existing files
47	Carving (signature-based analysis) of deleted or hidden data, including unallocated or slack space or freespace on a hard drive or an image
48	Carving of RAM dumps. Live memory (volatile RAM) analysis enables the extraction of social networking remnants (e.g. Facebook, Twitter), Web-based emails (e.g. Gmail, Hotmail), cloud application data (e.g. Dropbox, Flickr) and so on.
49	Volatility integration is supported.
50	Refined BelkaCarving analysis thoroughly defragments Live RAM dumps for more accurate results.
51	Recycle Bin analysis supported
52	Carving of hibernation and page files
53	Volume Shadow Copy snapshot analysis
54	Analysis of virtual machine files without switching these machines on
55	Triage (extraction of profiles without analysis of their content)
56	Built-in WDE and FVE decryption supported:
57	APFS
58	Bitlocker
59	DriveCrypt
60	FileVault
61	McAfee Endpoint Security
62	PGP and Symantec PGP
63	TrueCrypt
64	VeraCrypt
65	LUKS decryption with a known password
66	Supported Data Sources
67	Disk images (including multi-part images and compressed images):

68	· AccessData Image file (*.ADI) · Advanced Forensics File Format (*.AFF4) · Advanced forensics formats (*.Afd, *.Aff, *.Afm) · APFS T2 volumes acquired by MacQuisition · Archive files (*.7z, *.Cpio, *.Cpio.gz, *.Jz001, *.Tar, *.Tar.gz, *.Tgz, *.Zip, *.Zip001) · Atola image file (*.Img) · Boot information file (*.Bif) · DD image file (*.000, *.0000, *.0001, *.001, *.DD) · Disk archiver format (*.DAR) · DMG image file (*.DMG) · Encase Image file (*.E01, *.Ex01) · Floppy disk image file (*.Flp, *.Ima, *.Vfd) · Logical evidence file (*.L01, *.Lx01) · Raw image file (*.Raw) · Smart image file (*.S01) · X-Ways image file (*.Ctr) · Belkasoft image file
69	Mobile images:
70	· iTunes backups of iPhones/iPADs · Android ADB backups · Android physical dumps · Xiaomi MIUI backups. · Huawei HiSuite backups. · OFB images · UFED images of Androids and iPhones/iPADs · GrayKey iOS images · Elcomsoft iOS images · Blackberry IPD and BBB backups · TWRP images · Encrypted iPhone backup acquired with UFED Physical Analyzer
71	Virtual Machines:
72	VMWare · Virtual PC/Hyper-V · VirtualBox · XenServer
73	Hard And Removable Drives:
74	Physical or logical attached to a machine
75	Network drives
76	Drives inside write-blocker devices
77	Live RAM dumps of devices running Windows, Linux and Android:
78	Hibernation files (hiberfil.sys) · Mdd RAM images (.mddramimage) · RAM images (.mem), created with Belkasoft Live RAM Capturer or any other third-party tool · Swap files (pagefile.sys) · Virtual machine's swap files (.vmem)
79	Should allow the user to specify any folder to analyze. Subfolders will be analyzed automatically
80	Should allow the user to acquire and analyze a cloud supported by the solution.
81	Should support Amazon S3 cloud data sources
82	Should support automatic analysis of nested data sources (such as virtual machine files, archives, mobile backups etc.).
83	Supported Data Types
84	Should be designed to collect as many types of evidence as possible in a forensically sound way. Supported evidence types include office documents, email client mailboxes, mobile device applications and usage history, system and registry files, picture and video files, SQLite databases, social networking communications, instant messenger histories, Internet browsing sessions, webmail, P2P application data, cloud applications, MMORPG chats, encrypted files, and so on.
85	The following data types should be included:
86	Audio files:

87	Supported formats: TTA, VOX, WAV, WEBM, WMA, 3GP, 8SVX, AA, AAC, AAX, ACT, AIFC, AIFF, AMR, APE, AU, AWB, CDA, DCT, DSS, DVF, FLAC, GSM, IKLAX, IVS, M4A, M4B, M4P, MID, MIDI, MMF, MOGG, MP3, MPC, MSV, OGA, OGG, OPUS, QCP, RA, RAW, RM, RMI
88	Browsers (the applications in the list below without OS specified are Windows applications):
89	Adobe Flash · Avant · Baidu Browser · Chrome (Windows, macOS) · Edge · Firefox (Windows, macOS) · Internet Explorer · Maxthon 5 · Opera · Puffin · Qihoo 360 · QQ Browser (Windows, macOS) · Safari (Windows, macOS) · Sogou Explorer · Tor · Yandex
90	Various popular cloud apps should be supported such as:
91	Dropbox (with decryption) · Google Drive · One Drive · Yandex.Disk · Flickr
92	Email:
93	Analysis of database files of email client programs
94	Apple mail (EML/EMLX) · GMail offline · Single letters in MIME, Mbox, MSG format · Mail 163 · Mozilla Thunderbird · Outlook (starting version 2003) · Outlook Express · The Bat! · Windows Live Mail
95	Detection of email messages in RAM dumps:
96	GMail · Hotmail · MIME · Yahoo Mail
97	Instant messengers ("chats") (the applications in the list below without OS specified are Windows applications):
98	&RQ · Adium (macOS) · AIM (Win, macOS) · AIM Express · aMSN (Linux, macOS) · Brosix (Win, macOS) · ChatZilla · Contacts (macOS) · Digbsy · E-buddy · eM Client · Emesene (Win, Linux) · Empathy (Linux) · Facebook Desktop (Win, macOS) · Facebook Messenger App (Win, macOS) · Fire (macOS) · Gadu-Gadu (old) · Gadu-Gadu 10 · Gajim · Gigatribe · Google Hello · Google Talk · GTalk · Hotmail · iChat (macOS) · ICQ 99b · ICQ 2000a · ICQ 2000b · ICQ 2003b · ICQ 4 · ICQ 5 · ICQ 6 Lite · ICQ 6.5 · ICQ 7 · ICQ 7.5+ · ICQ 8.2 · ICQ (Linux) · ICQ (macOS) · Icq2Go · Imo · InstantBird (Win, macOS) · Irle (macOS) · JClaim (macOS) · Jitsi (Win, macOS) · Kadu (macOS) · KMess (Linux) · Kopete (Linux) · Line · Mail.Ru Agent · Mail.Ru Agent for Win8 · Mail.Ru Agent (macOS) · Meebo · Mercury (Linux, macOS) · Messages (macOS) · Messenger Plus! · Miranda IM · miRC · MSN / Live Messenger · MySpace IM · Nate ON · Nimbuzz (Win, macOS) · Notes (macOS) · ooVoo · Paltalk · Pidgin · Pidgin (Linux) · Psi (Win, Linux) · Qip 2005 · Qip Infium / 2010 · qutIM · SIM · Skype (Win, Linux, macOS) · Skype for Win 10 · Slack · Snak (macOS) · Team Viewer · Team Viewer Chat · Telegram (Win, macOS) · Trillian (Win, macOS) · Viber · Viber for Windows 8 · Vipole · Virtus · Wickr Me (Win, Linux) · X-Chat Acqua (macOS) · Ya-Online · Yahoo! Messenger (Win, macOS) · Zello
99	Crypto-currencies:
100	Bitcoin Armory Wallet · Bitcoin Core Wallet · Jaxx
101	Encrypted files and volumes (detection):
102	300+ types of encryption can be detected including Bitlocker, Microsoft Office encrypted documents, archives (RAR, 7z, gz, etc.), encrypted iTunes backups and so on
103	Special file formats:
104	OLE containers · yEnc

105	Geolocation data:
106	Should extract geolocation from geo-enabled pictures (having GPS tags in EXIF metadata), geotagged video files, Google maps browser searches, Windows 10 maps, taxi applications, and fitness apps. Extraction of geolocation from iPhone GeoFences, iOS Frequent locations, and Facebook check-ins is also supported.
107	MMORPG (online games):
108	Data can be extracted from RAM dumps. · Karos · Lineage · World of Warcraft
109	Office documents:
110	Microsoft Office: DOC, DOCX, XLS, XLSX, PPT, PPTX · OpenOffice: ODT, ODS, ODP · Hangul Office: HWP · macOS: Keynote, Numbers, Pages · PDF · RTF · And other document formats
111	P2P (peer-to-peer applications):
112	Ares Galaxy · eMule · Frostwire · Gigatribe · Limewire · Shareaza · Torrent · ShareIT
113	Pictures:
114	More than 90 image formats are supported, including many RAW camera formats: 3FR, ARW, BAY, BMP, BMQ, CAP, CINE, CR2, CRW, CS1, CUT, DC2, DCR, DDS, DIB, DNG, DRF, DSC, EMF, ERF, EXIF, EXR, FAX, FFF, G3, GIF, HDR, HEIC, IA, ICO, IFF, IIQ, J2K, JFIF, JNG, JP2, JPE, JPEG, JPG, K25, KC2, KDC, KOA, LBM, MDC, MEF, MNG, MOS, MRV, NEF, NRW, ORF, PBM, PCD, PCX, PEF, PFM, PGM, PICT, PNG, PNM, PPM, PSD, PTX, PXN, QTK, RAF, RAS, RAW, RDC, RLE, RPBM, RPGM, RPPM, RW2, RWZ, SGI, SR 2, SRF, STI, TGA, TIF, TIFF, WBMP, WMF, XBM, XPM
115	Extraction of additional properties of graphic files (EXIF -metadata, for formats that support such properties), filtering by EXIF properties, displaying photos with GPS coordinates on Open Street Maps and Google Earth
116	Recover files of the following graphic formats by means of signature search ("carving") GIF, JPEG / JPG, PNG, BMP, WMF
117	Pictures could be analyzed for skin tone, faces, scanned text (OCR). ANN (Artificial neural network)-based pornography, gun and narcotic cache detection supported
118	Face grouping is supported (grouping similar faces in still images and video keyframes)
119	Social Network Communications:
120	Using RAM dump analysis, it should analyze: · Bebo · Facebook · Facebook Messenger · Google Plus · MySpace · OK (Odnoklassniki) · Orkut · Twitter · VK (Vkontakte)
121	System files Search of system files, and also restoration of such files by means of signature search ("carving") such as:
122	For Windows:
123	Windows Registry · Jump files (Jumplist) · LNK files · Prefetch files · TeamViewer connections · System event logs · Windows notifications · Windows 10 Timeline · WMI Event Subscription · Wi-Fi connections
124	For macOS
125	Bluetooth configuration · Device info · Installed applications · macOS autorun · macOS notifications · System configurations · System event logs · Users · Wi-Fi connections
126	For Linux
127	Bash history · Device info · Installed packages · Scheduled tasks · System configurations ·

	Users
128	Native support for Windows registry files should allow recovering badly damaged and partially overwritten registries.
129	Should have built-in Registry Viewer for viewing Windows registries without third party applications.
130	Should support extraction of important data from registry files, such as
131	OS users (name, last login, last failed login, password change time, user RID, LM-hash, NT-hash) · AutoRun (USB, CD, DVD) · Computer name · Location of the system log · List of USB devices that have ever been connected to the system · List of connected devices · The last files opened by different Microsoft Office and Adobe Acrobat applications · Network Cards · OS installation dates · OS version · Prefetch files · Programs that run when you log on (Program startup) · Time the computer was last turned off · Time Zone · UserAssists data · Wireless networks profiles
132	Android
133	Standard Apps:
134	Calendar · Calls · Contacts · Installed Applications · SMS
135	Mails:
136	Default mail app · Gmail · inbox.lv · inbox.lt · inbox.ee · MailRu Mail · Yahoo Mail · Yandex Mail · Voice mail
137	Cloud Services:
138	Google Drive · OneDrive · Dropbox
139	Browsers:
140	360 Extreme Explorer · Android application web-data · Baidu · Chrome · Default Browser App · Dolphin · Downloads · Edge · Firefox · Maxthon · Mercury · Opera · Puffin · Samsung Browser · UC Browser
141	Messengers:
142	AIM · Badoo · BBM · Brosix · Chaatz · ChatON · CommFort · Draugiem.lv · eBuddy XMS · Facebook Messenger · FireChat · Fring · Google Workspace · Google+ · Grindr · Growlr · Hangouts · HeyTell · Hot or Not · ICQ · ICQ \ Mail.Ru Agent · Im+ · IMO · Instagram Direct · KakaoTalk · KateMobile · Kik · Line · Mail.ru Agent · MeetMe · MEGACHat · Meow Chat · NextPlus · Odnoklassniki · ooVoo · Paltalk · Signal · Skout · Skype · Slack · Snapchat · TamTam · Tango · Telegram · Telegram X · Text Plus · Textie · TextMe · TikTok · Touch · Tox · Tumblr · Twitter · Viber · Vipole · VK Coffee · V Kontakte · Voxer · Wamba · WeChat · WhatsApp · WhatsApp Business · Wickr Me · Xabber · Yahoo Messenger · Yalla · YapChat · YouMagic · Zangi
143	Other Apps:
144	AllTrails · Any.do · Ctrip · Evernote · Foursquare · Gettaxi · Google Calendar · Google Docs · Google Duo · Google Keep · Google Maps · Google Maps Search · Google Translate · Imgur · Instagram · Likee · LinkedIn · Memo · Pinterest · Pokemon GO · Richnote · Samsung Notes · Sango · ShareIT · SharePoint · Sina Weibo · Swarm · Threema · Tinder · Uber · Whisper · YandexTaxi · Zalo · Zello · Zoom
145	Payment Systems:

146	Android Bitcoin Wallet · Bitcoin Armory Wallet · Bitcoin Core Wallet · Jaxx · Qiwi Wallet
147	Fitness Trackers: Fitbit · Mi Fit
148	System files:
149	· Bluetooth devices · Device info · Wi-Fi connections
150	iOS
151	Standard Apps: Calendar · Calls · Contacts · Installed applications · Notes · SMS · Voice mail
152	Browsers: Chrome · Dolphin · Edge · Firefox · Maxthon · Mercury · Onion · Opera · Puffin · Safari · UC Browser
153	Mails: Apple Mail · MailRu Mail · Yahoo Mail · Yandex · Mail.ru
154	Messengers: Brosix · ChatOn · ChatSecure · Confide · CoverMe · eBuddy XMS · Facebook Messenger · FireChat · Fring · Grindr · GroupMe · Growlr · HeyTell · ICQ · Im+ · iMessage · IMO · Instagram Direct · iOS Hangouts · KakaoTalk · Kik · Line · MeetMe · Meow Chat · NextPlus · Odnoklassniki · ooVoo · Paltalk · Recents · Signal · Skout · Skype · Slack · TamTam · Tango · Telegram · Text Plus · Textie · TextMe · TikTok · Touch · Tumblr · Twitter · Viber · Vipole · VK app · WeChat · WhatsApp · Wickr Me · Yahoo! Messenger · YapApp · Yubo · Zangi
155	Other Apps: Any.do · CarPlay · Evernote · FaceTime · Garmin · Gettaxi · Health · Likee · LiveMe · Pinterest · Pokemon GO · Richnote · ShareIT · Snapchat · Tinder · Uber · Whisper · Zello
156	System Files: User notifications · Cellular configurations · Accounts · Device info · Usage statistics: ADDataStore, DataUsage, knowledgeC · Bluetooth devices · IP connections · Wi-Fi connections
157	Cloud Services: Dropbox
158	Blackberry
159	Standard Apps: Calendar · Calls · Contacts
160	Supported Analysis Types
161	Should support the following analytical functions
162	Full-text search through all types of collected evidence:
163	o Search by word or phrase, search by keyword file, search by regular expression.
164	o Automatic indexing of various important text templates such as emails, phone and SSN numbers, MAC and IP addresses etc.
165	o Search results are visualized in a separate window. Search history is stored.
166	o Search results can be filtered by data, data source and data type.
167	o Search results can be added to a bookmark or a report.
168	Graphical timeline can be found at the Timeline tab, where you can switch between Grid
169	View and Graph View.
170	Case-specific keyword file generation for password brute force attacks
171	Pictures can be analyzed for scanned texts, faces, guns and pornography
172	Geolocation data can be shown inside Open Street Maps window or Google Earth third-party app. One could also create a report from this viewer.
173	Links between persons can be found using Connection Graph features such as communication visualization and communities detection.
174	SQLite Support:
175	Native support for SQLite databases allows recovering badly damaged and partially overwritten databases

176	Built-in SQLite Viewer helps viewing SQLite database without third party applications. You can inspect database schema, see existing and deleted data, do datetime and string column conversions
177	Unlike standard SQLite viewers, SQLite Viewer will perfectly open damaged SQLite files and show the correct portion of the file
178	SQLite freelist, WAL and journal file as well as SQLite Unallocated analysis extracts destroyed evidence and displays deleted information such as deleted iPhone SMS messages and cleaned Skype chats
179	Built-in SQLite database viewer supports the following types of analysis:
180	Displaying all database tables
181	Displaying the database schema
182	Visualization of all data from the selected table
183	Ability to hide or show a column
184	Ability to create a report for all or selected table records
185	Displaying the unallocated space inside the database file
186	Ability to view selected record from unallocated space in Hex Viewer
187	Ability to automatically analyze the accompanying database log file (in .journal and .wal formats)
188	Ability to find and visualize deleted data (records from freelist), marking them with a different colour
189	Ability to view both the database added to the case, and an arbitrary database from the storage
190	Ability to view the SQLite database, obtained by means of signature search ("carving") on disks, disk images and RAM images
191	Displaying SQLite database metadata
192	Ability to see a picture preview for BLOB data
193	Should report in numerous formats such as text, HTML, XML, CSV, PDF, RTF, Excel, Word, EML, KML, S21 (Semantics21). It is also possible to create a report for bubble view
194	Free Evidence Reader tool (also known as "portable case") should allow sharing your findings with your colleagues with or without Belkasoft X installed. Saving media files to the database should be supported
195	Should have a built-in Plist Viewer
196	Case management: ability to store several cases at the same time, open and edit cases in random order, add new data sources (disks, disk images, mobile devices, memory dumps, etc.) to a case, ability to delete cases, change case location etc.
197	API for analysis automation
198	Number of command line options is supported. One can automate case creation, adding a data source, data analysis, reporting, and other actions. Acquisition and analysis of images using Tableau integration also could be run from the Belkasoft X command line
199	Ability to analyze several data sources in one case (for example, several hard drives, disk images and mobile phones) without the need to create a new case for each data source
200	Custom carving, including support for Scalpel and FTK sets
201	Elastic Search engine makes indexing process quicker and robust, allowing multithreading access to the index and third- party tools to examine it.
202	Audio and video players
203	Email and picture viewers

204	The supported file systems should include: · APFS · BTRFS · ext2 · ext3 · ext4 · F2FS · FAT · exFAT · HFS · HFS+ · NTFS · XFS · YAFFS · YAFFS2
205	Should allow the user to view and navigate through all folders and files within a data source added to your case, including hidden, deleted and special system files and folders, for example, \$OrphanFiles or \$Extends.
206	Should be able to extract Memory processes from RAM dumps.
207	Should allow the user to browse any mobile or computer file system as well as a memory dump.
208	The convenient Hex Viewer window allows you to review chosen file or process binary contents.
209	Should be able to extract the entire contents of a data source or subfolder recursively from a data source to a computer for further investigation.
210	Recursive view of the File System window should be supported
211	Should have Hashset analysis function. Supported hashset types: NSRL files, Plain hash lists, ProjectVic files, NIST RDSv3 databases
212	Should support file filtering by selected hashset database (white/black listing)
213	Should support the calculation of file hashes using the SHA and MD5 algorithms
214	It should be possible to check memory processes and files for malware using various methods, including fake system process names detection and checking with VirusTotal
215	The built-in Hex Viewer should have the following functionality:
216	Displaying the content of the selected file, showing processes from a memory dump, displaying records from the unallocated space in the selected SQLite database, displaying information found by using the signature search
217	Ability to create bookmarks within the file content.
218	Ability to set color, name, description for a bookmark.
219	Ability to navigate between bookmarks.
220	Ability to change the encoding of the text being viewed, in particular, support for Cyrillic encodings, ANSI, Unicode, UTF 7, UTF 8 encoding, Chinese and Asian character sets
221	Ability to save the selected text fragment to a file.
222	Ability to navigate through text by offset relative to the start or end of the file, the current cursor position.
223	MFT Viewer should display MFT information for a file selected in the file list. One can find various useful information on files, such as size, date and time, permissions. Content of resident files is also displayed.
224	Alternate Data Streams (ADS) Viewer should display binary data of the chosen alternate stream for a selected file in the File System.
225	It should at least support the analysis of the following drones: Ryze Tello, Sense Fly, Sky Viper, Yuneec H520
226	The built-in Maps window should show routes for drone flights (and other applications with geodata)
227	Should support Cisco Clam AV integration and be able to work without an Internet connection.
228	It should have the tool to unlock certain models of iPhone and iPad devices:

229	Supported devices: iPhone 7, iPhone 7 Plus, iPad Pro (12.9-inch) (2nd generation), iPad (6th generation), iPad (7th generation), iPad Pro (10.5-inch) (1st generation)
230	Supported operating systems: iOS 14, iOS 15
231	Bidder/Supplier should provide training through Authorized Training Partner (ATP).

9. Product Name: Video Forensic Tool: 1 Qty

SL No.	Technical Specifications
1	The system should be capable of supporting the replay, recovery, and analysis of video data from various sources such as CCTV, DVRs, car black boxes, smartphones, desktops, servers, IP cameras, digital camcorders, and camera modules in vehicles, drones, wearable devices, and embedded systems. It should also be able to extract data from connected/mounted hard drives, DD, E01, BIN, MDF images, files, or folders containing damaged or deleted files.
2	The system should support various DVR filesystems, video formats, video codecs, and audio recovery. It should be capable of regenerating video with recovered video frames and have a video analytics module with AI-based object detection and color/area filtering. It should also support video quality and image enhancement, OCR for time/channel, and car number plate restoration/detection. It should support Regeneration of video with recovered video frame
3	The system should support GPU acceleration by CUDA for machine learning and be capable of auto-detecting the filesystem from the DVR hard drive, unknown manufacturers, and models. It should also support various file systems like FAT12, FAT16, FAT32, TAT16, TAT32, NxFS, FAT32-based format the free filesystem, NTFS, exFAT, HFS+, EXT2, EXT3, EXT4, F2FS, VDFS, APFS, YAFFS, EFS, TFS, FSR, XSR, HIKVISION, COMMAX, DHFS/DHFS4.1, WFS0.4, TANGO, RSFS, WOW, XFS, WEBGATE, STL, ZHILING, HUMAN.
4	The system should support various DVR manufacturers' models, including HIKVISION, COMMAX, DHFS/DHFS4.1, WFS0.4, TANGO, RSFS, WOW, XFS, WEBGATE, STL, ZHILING, HUMAN, 3R, ADT Caps, AURA, AVIGILON, AXIS, BOSCH, COMMAX, CP- Plus, D-LINK, DAHUA, EGPIS, FLIR SYSTEM, FOCUS H&S, Hanwha Techwin, HIKVISION, HISEEU, HITRON, Honeywell, IDIS, INCON, iTX Security, JWC, KCE, KOCOM, MileStone, NADATEL, Panasonic, Q-See, S-1, Samsung Techwin, SKYREX, SONY, Swann, WEBGATE, WOW, Zmodo, and PRAVIS.
5	The system should also support various video codecs, such as H.264, H.265, MPEG4, and MJPEG, and video file formats, including AVI, DAV, DMD, FLAC, M4V, MKV, MOV, MP4, MPEG, MPEG-PS, SSF, STL, and ZAV. It should be capable of auto- scanning, recovery of selected partition, frame and file format scanning, deleted, and damaged file scanning, and signature- based file recovery for DAV, MP4, MOV, MKV, MPEG, SSF, AVI, ZAV, and PS.

6	The system should support frame extraction and reassembly from damaged video files, video frame recovery with the codec information of the local codec file or local video file, and partial recovery for the specific time range of OCR time or time data. It should also support reassembling frames into the video file, exporting video frames as a picture, thumbnail preview, and image view. It should support audio files recovery for Silk format.
7	The system should be capable of analyzing the channel and time information of video data, recovering time from meta- data files, and creating time/channel data using OCR. It should also feature an in-built multimedia player that can play multi-channel video and support over 300 types of video formats, including DVR video files and audio files (QCP, Silk, etc.)
8	To aid in analysis, the system should have a built-in Hex Viewer and file viewer, support bookmarking for review and reporting, and enable sorting, filtering, and indexing of files and frames. Additionally, the system should be able to extract time information from the metadata of each frame, support time zone change, and allow for time shifting to adjust recorded time.
9	For object detection, the system should support AI-based object detection capable of detecting more than 80 kinds of objects, categorizing objects by deep learning with VR modelling, and providing deduplication of the same objects detected. Color and area filters should also be available to help users easily find the target object, along with time and object filters.
10	The system should be able to shorten a long video by extracting only sections containing motion or moving object frames and enable the visualization of detected objects by timeline. It should also allow for saving analytics results as a summary video scene file and adjusting the brightness, contrast, Gamma, and color of the analysis results, along with edge sharpening and noise reduction.
11	For image enhancement, the system should support crop, rotate/reverse, filter, brightness/contrast, super-resolution, motion deblur, and perspective transform. It should also enable image stabilization or perspective transformation for viewing vehicle license plates taken from the side and support lens distortion correction, deinterlacing, focus correction, and image overlay. The system should also be able to convert to a higher resolution to identify human faces in images taken from a distance, select number areas by each digit in the frame of vehicles, buildings, and others for number identification, and predict number combinations for number identification.
12	To accelerate processing, the system should support multi-core CPU/GPU acceleration and list supported GPU cards, including Volta and Ampere GPU architecture. It should also be able to export original or converted files and add file signatures of recovered files or frames when exporting.
13	To aid in reporting, the system should support saving summarized scenes as playable video files, adding objects and bounding boxes in a summarized scene file, and using 10 hash algorithms such as MD5, SHA1, SHA224, SHA256, SHA384, SHA512, RIPEMD128, RIPEMD160, RIPEMD256, and RIPEMD320 for data integrity. Finally, the system should enable exporting reports in PDF and Excel formats and support watermarking in PDF reports.
14	Bidder/Supplier should provide training through Authorized Training Partner (ATP).

Summary of Required IT Assets

Sl. No.	Category	Qty	Term years
Hardware for Central Lab			
1	Centralized Server	1	5
Software for Central Lab			
2	Mobile Forensic Tool – Variant 1 10 Concurrent Users, Network Dongle with Cable Set	1	3
3	Mobile Forensic Tool – Variant 2 10 Concurrent Users, Network Dongle with Cable Set	1	3
4	Mobile Forensic Tool – Variant 3	1	3
5	Disk Forensic Tool – Variant 1 10 Concurrent Users, Network Dongle with Cable Set	1	3
6	CDR/IDPR Analysis Tool – Variant 1 10 Concurrent users, with accessories	1	3
7	OSINT Tool – Variant 1	1	3
8	All-In-One Forensic Tool	1	3
9	Video Forensic Tool	1	3

Note: The Bidder has to submit compliance report to the above required IT assets as specified in Section 7.1 form 6 & 7 as a part of technical qualification.

6. Instruction to Bidders

6.1 Request for Proposal

- i. Odisha Police, Office of the AIG of Police (Provisioning), Odisha, Cuttack invites online proposals from eligible bidders for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT Assets as per detailed scope of work in this RFP document.
- ii. This invitation to bid is open to all Bidders meeting the minimum eligibility criteria as mentioned in this RFP Document.
- iii. Not more than one bid shall be submitted by one Bidder.
- iv. Proposals must be received not later than time, date and venue mentioned in the Bidder Data Sheet. Proposals that are received late will not be considered in this procurement process.
- v. Bidder who has downloaded the RFP from the Portal shall not tamper/modify the RFP form including downloaded price bid template in any manner. In case if the same is found to be tampered /modified in any manner, bid will be completely rejected and EMD would be forfeited, and Bidder is liable to be banned from doing business with Odisha Police.
- vi. The bids must be submitted in online mode.

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- vii. The Department will award the contract to the successful bidder whose proposal has been determined as the best value proposal based on Technical and Financial evaluation criteria and accepted by the Tender Accepting Authority.
- viii. The Department reserves the right to reject any or all the Bids in whole or part, prior to signing of the Contract, without assigning any reasons.

6.2 General

- i. While every effort has been made to provide comprehensive, accurate background information, requirements and specifications, the Bidder must form their own conclusions about the solution needed to meet the requirements. Bidders and recipients of this RFP may consult their own legal advisers with regard to this RFP.
- ii. All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by the Authority on the basis of this RFP.
- iii. 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 Authority. Any notification of preferred Bidder status by the Authority shall not give rise to any enforceable rights by the Bidder. Authority may cancel this public procurement at any time prior to a formal written contract being executed.
- iv. This RFP supersedes and replaces any previous public documentation and communications, and Bidders should place no reliance and dependence on such communications.

6.3 Compliant Proposals / Completeness of Response

- i. 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 its implications.
- ii. Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal may be rejected. Bidders must:
 - a) Include all documentation specified in this RFP.
 - b) Follow the format of this RFP and respond to each element in the order as set out in this RFP.
 - c) Comply with all requirements as set out within this RFP.

6.4 Pre-Bid Meeting

- i. The Authority shall hold a pre-bid meeting with the prospective bidders on ____ - ____ - ____ at ____ PM at the Office of _____.



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- ii. The Bidders will have to ensure that their queries for Pre-Bid meeting should reach to the email on the date and time as specified in the Bidder Data Sheet.
- iii. The bidders, who want to participate in the pre-bid meeting, should submit a request (by mentioning the firm name, contact person name, WhatsApp number and e-Mail id) by email to _____ on or before ____ - ____ - ____ by 5 PM. For online participants, the link will be shared to the authorized representative from bidders before pre-bid meeting.
- iv. The queries should necessarily be submitted in the following format (Soft copy in .xls file to be attached)-

Name of the Bidder:				
Tender Ref. No:				
SL No.	RFP Document Reference(s) (Section & Page Number(s))	Content of RFP requiring Clarification(s)	Points of Clarification	Justification by Bidder
1.				
2.				
3.				
4.				
5.				

The Authority shall not be responsible for any Bidders queries received by it in any other format. Any requests for clarifications post the indicated date and time mentioned will not be entertained by the Department.

6.5 Responses to Pre-Bid Queries and Issue of Corrigendum

- i. The Nodal officer/ contact person shall endeavour to provide timely response to all queries. However, the Authority neither makes representation or warranty as to the completeness or accuracy of any response made in good faith.
- ii. At any time prior to the last date for receipt of bids, the Authority may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP document by corrigenda and/or addenda. The Corrigendum (if any) and clarifications to the queries from all Bidders will be posted on <https://odishapolice.gov.in/> & <https://tendersodisha.gov.in>
- iii. Any such corrigenda and/or addenda shall be deemed to be incorporated in this RFP.
- iv. In order to provide prospective Bidders reasonable time for taking the corrigenda and/or addenda into account, the Authority may, at its discretion, extend the last date for the receipt of Proposals.

6.6 Tender Fee

The bidder must furnish as part of technical proposal; the required bid tender fee as prescribed in the RFP, failing which the bid will be rejected.

6.7 Earnest Money Deposit:

The bidder must furnish as part of the technical proposal; an Earnest Money Deposit (EMD) as prescribed in the RFP failing which the bid will be rejected. The EMD of unsuccessful bidders shall be refunded after finalization of selection process and after award and signing of contract with the successful bidder. The EMD may be forfeited on account of the following reasons:

- i. Any / All information furnished by the bidder is found to be forged / false during the evaluation process.
- ii. Any other circumstance which holds the interest of the overall selection process.
- iii. If bidder fails to sign the contract within designated period (15 days).
- iv. If the bidder fails to furnish required Performance Bank Guarantee in time.
- v. If the Bidder withdraws its proposal during the bid validity period as specified in RFP after the closure of bid.

6.8 Validity of the Proposal:

Proposals shall remain valid for a period of 180 days from the date of opening of the technical proposal. Odisha Police reserves the right to reject a proposal valid for a shorter period as non-responsive and will make the best efforts to finalize the selection process and award of the contract within the bid validity period. The bid validity period may be extended on mutual consent.

6.9 Preparation and Submission of Proposal:

- i. Detailed RFP may be downloaded from www.odishapolice.gov.in and the bid should be submitted in **online mode** addressed to AIG of Police (Provisioning) Odisha, Cuttack on or before the last date of submission mentioned in the bidder data sheet.
- ii. The proposal should be submitted in sealed with proper outer envelopes respectively and packed as one single bid as follows:

Complete Bid Envelope

o Original Outer Envelope

- A. Envelope A: Part 1: Technical Proposal
 - B. Envelope B: Part 2: Financial Proposal
- iii. In case the Technical Proposal Envelope has the Financial Proposal Envelope, the bid would be summarily rejected.

- iv. Evaluation of the proposals shall be made as per the evaluation criteria mentioned in the RFP prior to opening of financial proposal.
- v. Each page should be page numbered, sealed and signed by the authorised representative of the bidder in confirmation to the eligibility qualifications and clearly indicated using an index page. Odisha Police will not consider any proposal that arrives after the deadline as prescribed in the Bidder Data Sheet. Any Proposal received after the deadline will be outrightly rejected by the authority.

Any deviation from the prescribed procedures /information/ formats/ conditions shall result in out- right rejection of the proposal. All pages of the proposal must have to be sealed and signed by the authorized representative of the bidder. Any conditional bids will be rejected.

6.10 Opening of the proposal:

- i. Completed proposal must be submitted on or before the time and date stated in the Data Sheet.
- ii. Opening of Technical Proposal will be done at AIG of Police (Provisioning) Odisha, Cuttack.
- iii. The Financial Proposal will be opened only for the shortlisted applicants who qualify criteria as per the Technical Proposal. The date of opening of Financial Proposal will be notified later to the technical qualified bidder.

6.11 Disclosure:

- i. Bidders have an obligation to disclose any actual or potential conflict of interest. Failure to do so may lead to disqualification of the bidder or termination of its contract.
 - o Bidders must disclose if they as valid on date, are or have been the subject of any proceedings (such as blacklisting) or other arrangements relating to bankruptcy, insolvency, or the financial standing of the Bidder, including but not limited to appointment of any officer such as a receiver in relation to the Bidder's personal or business matters or an arrangement with creditors, or of any other similar proceedings.
- ii. Bidders must disclose if they have been convicted of, or are the subject of any proceedings relating to:
 - o A criminal offence or other serious offence punishable under the law of the land, or where they have been found by any regulator or professional body to have committed professional misconduct.
 - o Corruption includes the offer or receipt of an inducement of any kind in relation to obtaining any contract.

6.12 Language of Proposals:

The proposal and all related correspondence exchanged between the bidder and the Authority shall be written in the English language. Supporting documents and printed literature that are part of

the proposal may be in another language provided they are accompanied by an accurate translation of the relevant passages in English with self-certification for accuracy, in which case, for the purposes of interpretation of the Proposal, the translated version shall govern.

6.13 Cost of Bidding:

The Bidder shall bear all costs associated with the preparation and submission of its proposal. The Authority shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. A bidder is not allowed to submit more than one proposal under the selection process. Alternate bids are also not allowed.

6.14 Legal Jurisdiction:

All legal disputes are subject to the jurisdiction of civil court of Cuttack only within Odisha.

6.15 Governing Law and Penalty Clause

The schedule given for delivery is to be strictly adhered to the strict time schedule. Any unjustified and unacceptable delay in delivery shall render the bidder liable for liquidated damages and thereafter the Authority holds the option for cancellation of the contract for pending activities and completes the same from any other agency. The Authority may deduct such sum from any money from their hands due or become due to bidder. The payment or deduction of such sums shall not relieve the bidder from his obligations and liabilities under the contract. The rights and obligations of the Authority and the bidder under this contract will be governed by the prevailing laws of Government of India / Government of Odisha.

6.16 Confidentiality:

Information relating to evaluation of proposals and recommendations concerning awards shall not be disclosed to the bidders who submitted the proposals or to other persons not officially concerned with the process, until the publication of the award of contract. The undue use by any Agency of confidential information related to the process may result in rejection of its proposal and may be subject to the provisions of Odisha Police's antifraud and corruption policy. During the execution of the assignment except with prior written consent of Odisha Police, the Agency or its personnel shall not at any time communicate to any person or entity any confidential information acquired during the contract.

6.17 Odisha Police's right to accept any proposal and to reject any or all proposal(s):

The Authority "Odisha Police" reserves the right to accept or reject any proposal, and to annul or amend the bidding / selection / evaluation process and reject all proposals at any time prior to award of contract award, without assigning any reason there of and thereby incurring any liability to the bidders.



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6.18 Copyright, Patents and Other Proprietary Rights:

The Authority shall be entitled to all intellectual property and other proprietary rights including but not limited to patents, copyrights and trademarks, regarding documents and other materials which bear a direct relation to or are prepared or collected in consequence or during the execution of this contract. At Odisha Police's request, the Agency shall take all necessary steps to submit them to Odisha Police in compliance with the requirements of the contract.

6.19 Settlement of Dispute:

Odisha Police and the Agency shall make every effort to resolve amicably, by direct negotiation, any disagreement or dispute arising between them under or arising from or in connection with the contract. Disputes not so resolved amicably within 30 days of receipt of notice of such as a dispute shall be adjudicated by competent court at Cuttack, Odisha.

6.20 Disqualification of Proposal:

The proposal is liable to be disqualified in the following cases as listed below:

- Proposal submitted without Bid Document Fee & EMD as applicable.
- A bidder submits more than one proposal for this RFP, all such proposals shall be rejected, and the bidder shall be disqualified from this bid process.
- Proposal not submitted in accordance with the procedure and formats as prescribed in the RFP.
- During validity of the proposal, or its extended period, if any, the bidder increases his quoted prices.
- Proposal is received in incomplete form.
- Proposal is received after due date and time for submission of bid.
- Proposal is not accompanied by all the requisite documents/information.
- A financial proposal submitted with assumptions, conditions or uncertainty.
- Bids with any conditional technical and financial offer.
- If the bidder provides any assumptions in the financial proposal or qualifies the financial proposal with its own conditions, such proposals will be rejected even if the commercial value of such proposals is the lowest/best value.
- Proposal is not properly sealed or signed.
- Proposal is not conforming to the requirement of the scope of the work of the assignment.
- Bidder tries to influence the proposal evaluation process by unlawful/corrupt/fraudulent means at any point in time during the bid process.

- If, any of the bid documents (including but not limited to the hard and soft/electronic copies of the same, presentations during evaluation, clarifications provided by the bidder) excluding the commercial bid, submitted by the bidder is found to contain any information on price, pricing policy, pricing mechanism or any information indicative of the commercial aspects of the bid.
- Bidders or any person acting on its behalf indulges in corrupt and fraudulent practices.
- Any other condition/situation which holds the paramount interest of the Odisha Police during the overall selection process.

6.21 Liability:

The Liability of the selected Agency under this agreement in any case shall not be beyond the amount of fees payable to the selected Agency under this agreement.

6.22 Indemnity:

The Agency always during the pendency of this agreement, keep the Government/ Authority/ Corporation/ Odisha Police indemnified to an amount not exceeding the total fees payable to the Agency under this agreement.



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7. Criteria for Evaluation

7.1 Evaluation of Technical Proposal

The Evaluation Committee will carry out a detailed evaluation of the Proposals. The Technical proposal shall be evaluated as per criteria mentioned below and only those bidders who qualify the requirements will be eligible for next set of evaluations. Financial Proposal of Bidders who do not meet the technical qualification will not be opened.

Technical Qualification: For determining the Technical qualification of bidders, the following shall apply:

Sl. No.	Technical Qualifications Criteria	Supporting Documents
1.	Incorporation: The bidder should be a company incorporated under Companies Act, 1956/2013 or a partnership firm registered under LLP Act, 2008 and must be in system integrator business and operational for at least 05 years, as on the date of submission of the bid.	Certificate of Incorporation/ Registration under Companies Act/ Partnership Deed along with PAN, GST registration certificate
2.	Net Worth: The company must have positive net worth in last three financial years ending on 31 st March 2025.	Audited and certified Balance Sheet and Profit/Loss Account of last 3 financial Years and should be enclosed along with CA certificate clearly specifying the net worth.
3.	Turnover: The Average Turnover/Revenue of the Applicant firm from last three financial years ending 31 March 2025; shall be minimum Rs.50 Cr. or above	Audited and certified Balance Sheet and Profit/Loss Account of last 3 financial Years and should be enclosed along with CA certificate.
4.	The OEM/Bidder must possess a valid certification of ISO 9001, ISO 14001, 20001 27001, 45001, 50001, 20001 as on date of submission of this RFP.	Copies of valid certificates as on bid submission date from authorized agencies.
5.	Technical Capability: The bidder should have similar experience of executing projects (in the last 05 years will be considered) involving supply, installation, commissioning and support of end location infrastructure for setting of Cyber labs for any Central/State Law Enforcement Agency or Forensic Department in India (Turnkey Project Experience): i. 01 Project of value INR 08 Crore or more	Copy of Letter of Award/ Work Order/ PO/ Completion Certificate/ Testimonial

	<p>OR</p> <p>ii. 02 projects of value INR 05 Crore or more</p> <p>OR</p> <p>iii. 03 projects of value INR 04 Crore or more</p>	
6.	Technical Compliance to specification of IT/infrastructure assets as given in this RFP.	Technical specification compliance by OEM/Bidder as specified in Section 7.1-Form TQ-6
7.	Tender Fee	<p>Tender Fee- ₹11,800/- (including 18% GST) (Non-Refundable)</p> <p>Tender Fee in shape of Banker's Cheque/Demand Draft to be made from any Nationalized Bank or Scheduled Commercial Bank in the name of "AIG of Police (Provisioning) Odisha, Cuttack".</p>
8.	EMD	<p>EMD of ₹ 20,00,000</p> <p>EMD in shape of Banker's Cheque/Demand Draft to be made from any Nationalized Bank or Scheduled Commercial Bank in the name of "AIG of Police (Provisioning) Odisha, Cuttack".</p>
9.	Blacklisting: The bidder should not be under blacklist by any state/ central government department, agency, corporation, PSU, at the time of submission of the bid	To be furnished on the non-judicial stamp paper of Rupees 100 and duly notarized
10.	Involvement in Offences: The bidder shall furnish a certificate of not committing any offence under PCA, IPS/BNS or any other law in force	Certificate format given in Appendix-2
11.	Manufacturer's Authorization Form (MAF) from OEM & OEM Support Form	MAF & Support Form from OEM on their products
12.	Consortium bidding/sub- contracting is not allowed	Self-declaration on the letter head of the company by authorized signatory
13.	Authorized Representative from Bidder- A power of attorney / board resolution in the name of the person signing the bid.	Original Power of attorney on legal paper/ Board resolution copy

Documents/ Formats need to be submitted along with the technical proposal:-

The bidder (legal bidding entity) must furnish the documents duly signed in along with the required documents for Technical Proposal as given in Section 7.1.

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7.2 Evaluation of Financial Proposal

- i. The bidders shall submit their financial proposals using the format given in section 7.2. Participating bidders have to submit financial bids mandatorily. Not filling financial bids for a particular material will result in cancelling all bids submitted by the bidder, and the bidder shall not be considered for the award of work.
- ii. Based on the financial bid, L1 will be shortlisted based on the overall financial bid, which mean the bidder quoting the lowest rate shall be identified as preferred bidder.

The Authority shall determine whether the Financial Proposals are complete, unqualified and unconditional. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of works.



Handwritten signatures and initials at the bottom of the page.

8. Payment, SLA and Penalties

8.1 Duration of Contract Period

- The duration of the contract period as prescribed in this RFP will be for the period of 63 months for supply, installation, testing and commissioning and O&M from the date of signing of Contract Agreement based on mutually agreed terms and conditions.
- Till the signing of the Contract Agreement, the LOA shall form a binding contractual agreement between Odisha Police and the Successful Bidder as per terms of this RFP.

8.2 Delivery Timelines & Payment Milestones

Sl. No.	Phase	Delivery	Timeline (In months)	Milestone	Payment Schedule*
1	Delivery of Hardware Assets	Delivery of Hardware Assets at the designated location	T+1	Authorization letter from the respective District SsP/DCP for acceptance of delivery of required Hardware Assets	25 % (Pro-rata payment)
2	Installation and Commissioning Hardware & Software assets	Installation & Commissioning Hardware, Software assets at CC & EO PSs and Central lab	T+2	Authorization letter from the respective District SsP/DCP for acceptance of Installation & Commissioning Hardware, Software assets	25 % (Pro-rata payment)
3.	Go Live	Go-Live of the whole Labs at 34 CC & EO PS and Central lab with completion of training for the supplied hardware and software	T+3	Authorization letter from the respective District SsP/DCP for acceptance of full operation and Go-Live of all the equipment in the lab.	35 % (Pro-rata payment)
4.	Operations & Maintenance	Support Phase for 05 years (including 3 years OEM Warranty) after Final go-live	T+4 - 63 months	Quarterly preventive maintenance Report	15% (Payment will be released on quarterly basis depending on the Performance.

T- Date of commencement of Project

**Any non-readiness of site for Go-Live not attributable to bidder's performance may be considered for go-live sign off.*

Note:-

- i. All the payments will be made to the successful bidder in Indian Rupees only. Payments will be made after thirty (30) days of receiving the invoice subject to approval from competent authority.
- ii. Tax shall be shown extra by the Bidder in their invoices for the items applicable. The same shall be paid by Odisha Police as per actual after verification. Similarly, if there is any tax savings, the same shall be reduced from the payable amount.
- iii. In case of any new incidence of tax or any change in existing tax rates taking place during the Agreement Period, that shall be borne and payable by Odisha Police over and above the agreed price for each item as may be applicable as per the Invoice raised by either Party/Member of the Odisha Police. Similarly, any reduction in taxes shall be to the benefit of Odisha Police. All invoices produced to Odisha Police for payment should be with TAX invoice.
- iv. The bidder must raise the GST invoice within 7 days of Delivery of the complete items as per milestone. No partial payment will be accepted beyond the stated milestone.

8.3 Service Level and Penalties:

I. Delivery Related penalty

In case of delay in the delivery and/ or completion period beyond the timelines mentioned in the RFP, the recovery shall be made on the basis of following percentages of value of goods which the selected bidder has failed to supply or complete:

Sl. No.	Condition
1.	For delay in completion of work beyond the delivery schedule mentioned in the RFP, LD @ 0.5% per week or part thereof for the pending materials order value up to maximum 10% will be deducted.

II. Service Level Agreement and Penalties

- a) SLA defines the terms of the successful bidder's responsibility in ensuring the performance of the hardware, Software & all other accessories supplied as per the Scope of Work as specified in the RFP document based on the agreed Performance Indicators.
- b) The Bidder shall provide comprehensive, end-to-end service including supply, warranty and replacement of the defective Hardware & peripherals in case of physical damage until delivered at the CC & EO Police Station & Higher officers. No reason shall be entertained

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(unless those mentioned in Force Majeure) in case of un-availability of any service given in the Scope of Work in this RFP and the appropriate penalty shall be levied.


- c) The Hardware tools (other than the mobile Phones) will have 5 years warranty (3 years OEM Warranty plus 2 years Bidder's Warranty). During the warranty period, the bidder shall without charge, repair or rectify defective tools or to replace such tools with similar tools free from defect. Any tool repaired or replaced by the bidder shall be delivered at the central lab or CC&EO PS premises without costs to Odisha Police.
- d) The selected bidder and Odisha Police shall regularly review the performance of the services being provided by the selected bidder and the effectiveness of this SLA.
- e) The following measurements and targets shall be used to track and report performance on a regular basis. The targets shown in the following tables are applicable for the entire duration of the Contract /Project, failing which the selected bidder(s) is liable to be penalized:

Sl. No.	Type of Incident	Target Resolution Time	Penalty
1	Any defect in Hardware & peripherals or any of its part & Software	T ₀ +2 days	No Penalty
		> T ₀ + 2 days	0.5% of cost of the Hardware & peripherals / Software cost will be deducted per week upto maximum 10% of faulty IT Hardware/ Peripheral cost/ Software.
		> T ₀ + 60 Days	If the selected bidder fails to rectify a defect within 60 days, Odisha Police may proceed to take such remedial action as deemed fit (including Invocation of PBG).

T₀ - Date of incident

Note: To protect confidential and sensitive information, no faulty hardware containing data will be returned to external parties. All devices will instead be securely destroyed on-site or by a certified IT asset disposition (ITAD) partner. This process ensures all data is irrecoverably erased, preventing any risk of a privacy breach.

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9. Appointment of System Integrator

9.1 Award Criteria

The Authority will award the Contract to the successful bidder whose proposal with the least cost (L1) and consider it as substantially responsive as per the process outlined above.

9.2 Contract Negotiation

Contract negotiation, if required will be held at a date, time and address as intimated to the selected bidder/s. The bidder will, as a pre-requisite for attendance at the negotiations, confirm availability of all the proposed staff for the assignment. Representative conducting negotiations on behalf of the bidder must have written authority to negotiate and conclude a contract. Negotiation will be performed covering technical and financial aspects, if any, and availability of proposed professionals etc.

9.3 Award of Contract:

After completion of the contract negotiation stage, Odisha Police will notify the successful bidder in writing by issuing an offer letter for signing the contract and promptly notifying all other bidders about the result of the selection process. The successful bidders will be asked to sign the contract after fulfilling all formalities within 15 days of issuance of the offer letter. After signing of the contract, no variation or modification of the terms of the contract shall be made except by written amendment signed by both the parties. The contract will be valid for 63 months from the date of effectiveness of the contract and may be extended on mutual consent.

9.4 Performance Guarantee

- i. Selected bidder shall submit a Performance Bank Guarantee (PBG), within 15 days from the date of notification of award to the Department
- ii. PBG would be 5% of the total Project cost excluding taxes and shall be released immediately after three months of expiry of contract, provided there is no breach of contract on the part of the qualified bidder.
- iii. The selected bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the service during the work order period.
- iv. In case the selected bidder fails to submit performance guarantee within the time stipulated, the Department at its discretion may cancel the order placed on the selected bidder and/or forfeit the EMD after giving prior written notice to rectify the same.
- v. The Department shall invoke the performance guarantee in case the selected bidder fails to discharge their contractual obligations during the period, or the Department incurs any damages due to bidder's negligence in carrying out the project implementation as per the agreed terms & conditions.



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9.5 Failure to Agree with the Terms and Conditions of the RFP

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 award, in which event the Authority may call for new proposals from the interested bidders. In such a case, the Department shall invoke the PBG of successful bidder.

9.6 Fraudulent and Corrupt Practices

- i. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, the Authority shall reject a Proposal 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 practice (collectively the "Prohibited Practices") in the Selection Process.
- ii. In such an event, the Authority shall, without prejudice to its any other rights or remedies, forfeit and appropriate Performance Security or suspend the bidder for a specific time period, as the case may be, 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 Bidder's Proposal.
- iii. Without prejudice to the rights of the Authority 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 Work Order or the execution of the Agreement, such Bidder shall not be eligible to participate in any RFP or RFP issued by any Department/Authority of State Govt. for a period of 2 (two) years from the date of such Bid.

9.7 Notices

Notice or other communications given or required to be given under the contract shall be in writing and shall be faxed/e-mailed/hand-delivery with acknowledgement thereof or transmitted by pre-paid registered post or courier.

9.8 Force Majeure

Force Majeure is herein defined as any cause, which is beyond the control of the selected bidder or the Department as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

- i. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics
- ii. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargos



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iii. Terrorist attack, public unrest in work area provided

-either party shall within 10 days from the occurrence of such a cause, notifies the other in writing of such causes. The bidder or the Authority shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above. Any delay beyond 30/100 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

9.9 General Conditions of the contract

I. OEM Certificate of Equipment

- a) The OEM Certificate as per the Formats for Response – 7.1 of the section as applicable stating that the bidding company is the Original Equipment Manufacturer of the equipment they are offering, shall produce signed declaration certificates, giving reference of this Tender Enquiry, who is authorized to offer their equipment and a commitment to provide maintenance support during the comprehensive warranty period.
- b) In case the stores are supplied by the authorized supplier of the OEM, then the OEM certificate shall state that, in case the authorized supplier fails to repair/ maintenance the equipment during the comprehensive warranty, the responsibility for maintenance of the equipment provided would then be taken over by the OEM.
- c) The complete contact details of the OEM (Name and designation of contact person, postal address, e mail ID and telephone & FAX numbers) will be furnished, and the buyer may at his discretion verify the authorization from the OEM, failure of which may result in the bidder being blacklisted and / or barred from participating for any future tender of this organization.

II. Spares and Performance of Equipment

- a) Spare & service support: The Bidder should have a registered spare / Inventory warehouse in Odisha. OEM declaration for the same to be submitted.
- b) The Bidder shall specify in the Technical Proposal the complete list of spares that will be maintained for meeting the various SLA parameters specified in the tender. It is advised that the mandatory spares are kept at site for adhering the SLA requirements.
- c) The Successful Bidder shall stand guarantee for the supply of spares of all the equipment under the scope of supply for a minimum period of 5 years from the date of awarding the contract and guarantee that discontinuity of production of any item offered as a part of the system shall not affect the maintainability of the system for a period of 5 years from the start date of operation and maintenance support of Data Center /equipment.
- d) For any delays due to circumstances which are not in control of the bidder, the department shall take a decision to provide further exemptions based on appropriateness of the reason mentioned.

III. Training and Technical Support

- a) The OEM or the selected bidder through domain experts shall provide comprehensive training on the utilization, operation and troubleshooting of both hardware and software to the designated officials/end-users.
- b) The bidder shall establish a dedicated helpdesk and technical support mechanism at Bhubaneswar, Odisha, for resolution of any technical issues, complaints or service requests within the defined SLA timelines.

9.10 Single Point of Contact

The Bidder shall provide a single-point-of-contact along with escalation matrix for call logging, monitoring & closure as per the SLA requirement.



10. Formats for Response

10.1 Technical Bid Formats

I. FORM TQ-1: Cover Letter

(To be submitted on the Letterhead of Bidder)

To
The AIG - Provisioning
Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001
Email –
Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

I, the undersigned, offer to provide the services for the proposed assignment in respect to your Request for Proposal No. _____ dated _____. We hereby submit our proposal which includes the pre-qualification proposal, technical proposal and commercial proposal, sealed under separate envelopes. Our proposal will be valid for acceptance up to 180 Days and I confirm that this proposal will remain binding upon us and may be accepted by you at any time before this expiry date.

All the information and statements made in our proposal are true and correct and I accept that any misinterpretation contained in it may lead to disqualification of our proposal. If negotiations are held during the period of validity of the proposal, I undertake to negotiate on the basis of proposal submitted by us. Our proposal is binding upon us and subject to the modifications resulting from contract negotiations.

I have examined all the information as provided in your Request for Proposal (RFP) and offer to undertake the service described in accordance with the conditions and requirements of the selection process. I agree to bear all costs incurred by us in connection with the preparation and submission of this proposal and to bear any further pre-contract costs. In case, any provisions of this RFP/ ToR/Scope including of our technical and financial proposal are found to be deviated, then you shall have rights to reject our proposal. I confirm that, I have the authority to submit the proposal and to clarify any details on its behalf.

I understand you are not bound to accept any proposal you receive.

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No. Seal

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II. FORM TQ-2: Bidder's Organization- General Details

(To be submitted on the Letterhead of Bidder)

Sl. No.	Description	Full Details
1	Name of the Bidder	
2	Address for communication: Tel: Fax: Email id:	
3	Name of the authorized person signing & submitting the bid on behalf of the Bidder: Mobile No: Email Id:	
4	Registration/ Incorporation Details Registration No.: Date & Year:	
5	Tender Fee Details Amount: Reference No.: Date: Name of the Bank:	
6	EMD Details Amount: Reference No.: Date: Name of the Bank:	
7	PAN Number	
8	Goods and Services Tax Identification (GSTIN)	
9	Willing to carry out assignments as per the scope of work of the RFP	Yes
10	Willing to accept all the terms and conditions as per specified in the RFP	Yes

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No.

Seal

Supporting Documents: Certificate of Incorporation/ Partnership Deed along with PAN, GST registration certificate

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III. FORM TQ-3: Bidder's Organization (Financial Details)

(To be submitted on the Letterhead of Bidder)

Financial Information in INR				
	FY 2021-22	FY 2022-23	FY 2023-24	Average
Annual Turnover/ Revenue (in Crores)				

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No.

Seal

Supporting Documents:

CA Certificate and Audited Financial Statements (Submission of copies of Income & Expenditure Statement and Balance Sheet for the respective financial years is mandatory along with this form)

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IV. FORM TQ-4: Bidder's Past Experience Details

(To be submitted on the Letterhead of Bidder)

a)	Project Name:	
b)	Value of Contract/ Work Order (In INR):	
c)	Name of the Client:	
d)	Project Location:	
e)	Contact person of the client with address, phone and e- mail:	
f)	Project Duration:	
g)	Start Date (month/year): Completion Date (month/year):	
h)	Status of assignment: Completed / Ongoing (if it is on- going, level of completion)	
i)	Narrative description of the project with scope:	
j)	List of Services provided by your firm/company:	

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No.

Seal

Supporting Documents:

Copy of Letter of Award/ Work Order/ PO/ Completion Certificate/ testimonial.

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V. FORM TQ-5: Acceptance of Terms and Conditions

(To be furnished on the non-judicial stamp paper of Rupees 100 and duly notarized)

To

The AIG- Provisioning

Odisha Police Headquarters, Buxi Bazaar,

Cuttack, Odisha 753001

Email –

Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

I have carefully and thoroughly gone through the Terms & Conditions along with scope of work contained in the RFP No. _____ dated _____ regarding Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

I declare that all the provisions/clauses including scope of work of this RFP are acceptable to our company. I further certify that I am an authorized signatory of the company, and I am, therefore, competent to make this declaration.

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No.

Seal



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VI. FORM TQ-6: Technical specification compliance by OEM/Bidder

Minimum Criteria and Condition for OEM and Bidder for Technical Specifications

The OEM for all the above-mentioned equipment's should be able to support the Warranty and Replacement services efficiently.

Please fill up compliance statement as per below format with Technical Proposal for all Items as per technical specification mentioned in this RFP.

<< OEM Name >> << Table need to modify as per specification table>>

Device Name:			
Make:			
Sl. No.	Description	Compliance (Y/N)	REMARKS

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator and OEM)

Name:

Designation:

Place:

Date:

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VII. FORM TQ-7: Statement of No Deviation from Requirement Specifications

(To be submitted on the Letterhead of Bidder)

To

The AIG - Provisioning

Odisha Police Headquarters, Buxi Bazaar,

Cuttack, Odisha 753001

Email –

Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

There are no technical deviations (null deviations) from the requirement specifications of tendered items and schedule of requirements. The entire work shall be performed as per your specifications and documents.

This is to certify that our proposed solution meets all the requirements of the RFP including but not limited to Scope of Work, stated Project Outcomes (including SLAs), Business Requirements and Functional Specifications/ Requirements.

We further certify that our proposed solution meets, is equivalent or better than the minimum technical specifications as given in the RFP.

We understand that the Bill of Quantity provided in the RFP is indicative; we confirm that we have undertaken our own assessment to finalize the components and quantity.

In case, any item of hardware or software is found non-compliant at any stage during project implementation, it would be replaced with a fully compliant product/solution at no additional cost to Odisha Police. In case of non-adherence of this activity, Odisha Police reserves the right to cancel the contract, in case the said Contract is awarded to us by Odisha Police.

We further confirm that our commercial proposal is for the entire scope of work, comprising all required components and our obligations, for meeting the scope of work.

Thanking you,

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Designation:

Place:

Date:

The bottom of the page features several handwritten signatures in black ink. To the right of the signatures is a circular stamp containing the number '73/87'.

VIII. FORM TQ-8: Self-Declaration against Not-Blacklisted on Attested Notary

(To be furnished on the non-judicial stamp paper of Rupees 100 and duly notarized)

To

The AIG - Provisioning

Odisha Police Headquarters, Buxi Bazaar,

Cuttack, Odisha 753001

Email –

Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

In response to the RFP No.: _____ dated _____ for RFP titled “Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police”, as owner/ partner/ Director of (organization name)

I/ We hereby declare that presently our Company/ firm is not under declaration of ineligible for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/ Central government/ PSU.

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

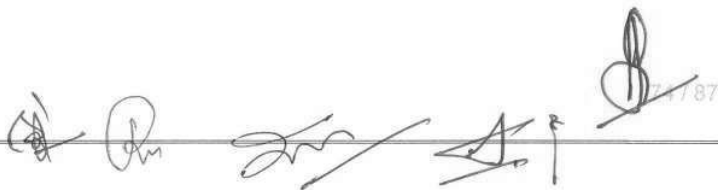
Thanking you,

Yours faithfully,

(Authorized Signatory)

Name, Designation & Contact No.

Seal



IX. FORM TQ-9: Manufacturer's Authorization Form (MAF) from all OEMs

To

The AIG - Provisioning

Odisha Police Headquarters, Buxi Bazaar,

Cuttack, Odisha 753001

Email –

Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

WHEREAS <Name of the Original Equipment Manufacturer> who are official producers of <Name of Products intended for this Tender> and having production facilities at <Address of Mfg. Facility> do hereby authorize <Name of the bidder with complete address> (hereinafter, the "Bidder") to submit a bid of the following Products produced by us, for the Supply and Support Requirements associated with the above Invitation for Bids. When resold by <Name of the bidder>, these products will carry a 5-year warranty from the date of handover of the project to Odisha Police by our reseller. We assure you that in the event of <name of the Bidder> not being able to fulfil its obligation as our Service Provider in respect of our standard Warranty Terms we would continue to meet our Warranty Terms as prescribed in the tender terms. We confirm that <Name of the bidder> is our authorized service provider/system integrator and can hence provide maintenance and upgrade support for our products. We confirm that the products quoted are on our current product list and are not likely to be discontinued within 7 years from the day of this letter. We assure availability of spares for the products for the next Seven years. We also confirm that any bidder who offers our products without our authorization as above, Odisha Police at its discretion may decide to disqualify the bidder and we will have no objection in this regard. Further, in such case we confirm that such bidder will not be authorized to bid for our products in any of the RFP call by Odisha Police in future.

We conform that our products, the ones for which this MAF is being issued to bidder are manufactured in a country that shares geographical border with India.

We confirm that the technical compliance submitted by <Name of the bidder> has been duly endorsed by us with stamp and signature.

Signature

Note: This letter of authority must be on the letterhead of the Manufacturer and duly signed by an authorized person not below capacity of General Manager/Business unit head or Equivalent

Yours faithfully,

The block contains several handwritten signatures in black ink. To the right of the signatures is a circular stamp with the number '75 / 87' inside it.

For and on behalf of M/s _____ (Name of the manufacturer)

Signature

Name :

Designation :

Address :

Date :

Directorate Seal

Note: This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

Handwritten signatures and stamps at the bottom of the page. The text "76 / 87" is visible on the right side.

X. FORM TQ-10: OEM's Support Form

To
The AIG - Provisioning
Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001
Email –
Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

We _____, (name and address of the manufacturer) who are established and reputed manufacturers of _____ having factories/labs at _____ (addresses of manufacturing locations) do hereby assure that we would support our equipment/software/license and freely upgrade them for a period of Five years of Operations and Maintenance, from the date of go-live of the project, by M/s (name and address of the Bidder) who has proposed to use for the project "Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police" or his successor. We would also adhere to the timelines for maintenance as indicated in this RFP by closely working with the Bidder or his successor for a period of five years from the date of supply of the equipment. We abide by the commercials quoted by the Bidder towards AMC/warranty charges for five years from the date of supply and successful commissioning of equipment(s) i.e. Go-Live.

We confirm that the products quoted will not be end of life for next seven years from the last date of submission of bids

Yours faithfully,

For and on behalf of M/s _____ (Name of the manufacturer)

Signature

Name :

Designation :

Address :

Date :

Directorate Seal

Note: This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

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XI. Form TQ-11: Warranty Certificate

(On Bidder's Letterhead)

To

The AIG - Provisioning

Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001

Email –

Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

We warrant that the equipment(s) supplied under the contract would be newly manufactured, free from all encumbrances, defects and faults in material or workmanship or manufacture, shall be of the highest grade and quality, shall be consistent with the established and generally accepted standards for materials of the type ordered, shall be in full conformity with the specifications, drawings of samples, if any, and shall operate as designed. We shall be fully responsible for its efficient and effective operation. We also warrant that the services provided under the contract shall be as per the Service Level Agreement (SLA) with GoO/Odisha Police.

The obligations under the warranty expressed above shall include all costs relating to labour, spares, maintenance (preventive as well as unscheduled), and transport charges from site to manufacturer's works / service facilities and back for repair or modification or replacement at site of the equipment or any part of the equipment, which under normal care and proper use and maintenance proves defective in design, material or workmanship or fails to operate effectively and efficiently or conform to the specifications and for which notice is promptly given by GoO to us (Bidder). We shall provide on-site support for all the equipment and services supplied hereunder during the period of this warranty (5 years after acceptance for equipment (5 years for the date of go-live) and entire service period for services).

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Designation:

Place:

Date:



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XII.FORM TQ-12: Format for Power of Attorney

(To be submitted on the Letterhead of Bidder)

I, _____, the (Designation) of (Name of the Organization) in witness whereof certify that <Name of person> is authorized to execute the attorney on behalf of <Name of Organization>, <Designation of the person> of the company acting for and on behalf of the company under the authority conferred by the <Notification / Authority order no.> Dated <date of reference> has signed this Power of attorney at <place> on this day of <day><month>, <year>.

The signatures of <Name of person> in whose Favor authority is being made under the attorney given below are hereby certified.

Name of the Authorized Representative:

(Signature of the Authorized Representative with Date)

CERTIFIED:

Signature, Name & Designation of person executing attorney:

Address of the Bidder:

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10.2 Financial Bid

I. FORM FQ-1: Financial Bid Covering Letter

(To be submitted on the Letterhead of Bidder)

To
The AIG - Provisioning
Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001
Email –
Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

I /We, the undersigned, offer to provide the service for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police as per RFP No. _____ dated _____ and our Technical and Financial Proposals. Our attached Financial Proposal is for the sum of <<Amount in words and figures>> exclusive of all applicable taxes and duties.

A. BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified in the <Refer Section No.>. These prices are indicated in the Financial Bid as part of this RFP response. In case there is substantial difference between the component wise price approved by the Department and the price quoted by the bidder, the Department will have the rights to ask the bidder to realign their prices without impacting the total bid price. We hereby agree to submit our offer accordingly.

B. PERFORMANCE BANK GUARANTEE

We hereby declare that in case the contract is awarded to us, we shall submit the Performance Bank Guarantee as specified in this RFP document.

We understand you are not bound to accept any Proposal you receive. We hereby declare that our Proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief.

We understand that our proposal is binding on us and that you are not bound to accept any proposal you receive.

Yours faithfully, (Authorized Signatory) Name, Designation & Contact No. Seal

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II. FORM FQ-2: Financial Bid format

Sl. No.	Category	Qty	Term years	Term Years	Unit Rate (including GST) (In Rs.)	Total Amount (C*E) (In Rs.)
A	B	C	D	E	F	G
Hardware for Central Lab						
1	Centralized Server	1	5			
Software for Central Lab						
2	Mobile Forensic Tool – Variant 1 10 User Network Dongle with Cable Set	1	3			
3	Mobile Forensic Tool – Variant 2 10 User Network Dongle with Cable Set	1	3			
4	Mobile Forensic Tool – Variant 3	1	3			
5	Disk Forensic Tool – Variant 1	1	3			
6	CDR/IDPR Analysis Tool – Variant 1 with 10 Concurrent users	1	3			
7	OSINT Tool – Variant	1	3			
8	All-In-One Forensic Tool	1	3			
9	Video Forensic Tool	1	3			
	Total Cost					

Yours sincerely,

Signature

(Authorised Signatory)

Name:

Designation:

Place:

Date:





10.3 Performance Bank Security

To

The AIG - Provisioning
Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001
Email –
Phone number - +91-671-2339517

Sub: Request for Proposal for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

RFP reference No:

Sir / Madam,

Whereas, <<name of the supplier and address>> (hereinafter called “the bidder”) has undertaken, in pursuance of contract dated. <Date> with the Department (hereinafter called “the beneficiary”) for Selection of System Integrator for Establishment of Cyber Labs in 34 Cyber Crime & Economic Offences Police Stations and a Central Lab including Supply, Installation and Commissioning of IT and Infrastructure Assets for Odisha Police.

And whereas it has been stipulated by in the 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 agreement;

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 offices at <Address of Local Office> have agreed to give the bidder such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the bidder, up to a total of <<Cost of Service>> in (words) and we undertake to pay you, upon your first written demand declaring the bidder to be in default under the contract and without cavil or argument, any sum or sums within the limits of

<<Cost of Service>> (in Words) 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 agreement to be performed there under or of any of the agreement 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>>>



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Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary i.e. the Department. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- i. Our liability under this bank guarantee shall not exceed <<amount>> (Amt. in words).
- ii. This bank guarantee shall be valid up to <<insert date>>.
- iii. 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 date>> failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank) Seal:

Date:



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10.4 Undertaking of Service Level Compliance

(To be submitted on the Letterhead of Bidder)

To
The AIG - Provisioning
Odisha Police Headquarters, Buxi Bazaar,
Cuttack, Odisha 753001
Email –
Phone number - +91-671-2339517

Sub: Undertaking on Service Level Compliance.

RFP reference No:

Sir / Madam,

I/We as Implementing Agency do hereby undertake that we shall monitor, maintain, and comply with the service levels stated in the RFP to provide quality service to Odisha Police.

However, if the proposed IT and Infrastructure Assets are found to be insufficient in meeting the RFP and/or the service level requirements given by Odisha Police, then we will augment the same without any additional cost to Odisha Police.

Yours sincerely,

(Seal & Signature of the Authorized signatory of the System Integrator)

Name:

Designation:

Place:

Date:



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Appendix-1

Range-wise CC & EO Police Station in the State

Sl. No.	CC & EO Police Station	Existing/New
Central Range, Cuttack		
1	Cuttack Rural	New
2	Kendrapara	New
3	Jagatsinghpur	New
4	Jajpur	New
5	Puri	Existing
6	Nayagarh	New
7	Khurdha	New
Eastern Range, Balasore		
8	Balasore	Existing
9	Mayurbhanj	Existing
10	Bhadrak	New
Western Range, Rourkela		
11	Rourkela	Existing
12	Sundargarh	New
13	Keonjhar	Existing
Northern Range, Sambalpur		
14	Sambalpur	Existing
15	Bargarh	New
16	Bolangir	Existing
17	Sonepur	New
18	Jharsuguda	New
Southern Range, Berhampur		
19	Berhampur	Existing
20	Ganjam	New
21	Gajapati	New
22	Kandhamal	Existing
23	Boudh	New
North Central Range, Talcher		
24	Dhenkanal	New
25	Angul	Existing
26	Deogarh	New
South Western Range, Koraput		
27	Nuapada	New
28	Koraput	Existing
29	Nabarangpur	New
30	Rayagada	New
31	Malkangiri	New
32	Kalahandi	Existing

Commissionerate Bhubaneswar- Cuttack, Bhubaneswar		
33	UPD Bhubaneswar	Existing
34	UPD Cuttack	Existing

Note: The 34 Cyber Labs will be setup in the respective Headquarters of the Police Districts. The Central Lab will be setup at Cyber Crime Unit, Cyber Complex, Bhubaneswar.






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Appendix-2

Format for Submission of Certificate for Non-involvement in Offences

I certify that I have not committed any offence-

- (a) Under the Prevention of Corruption Act, 1988; or
- (b) the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
- (c) I have not been debarred by any Central / State Government Organization/Bodies for the last 3 years.

Signature

Designation and Seal

Handwritten signatures and a stamp. The stamp is circular and contains the text "87/87".

