

SHORT TENDER CALL NOTICE
Office of the D.G & I.G. of Police, Odisha, Cuttack

1. Sealed tenders are invited from the manufacturer / Authorised Agent / Authorised Dealers for procurement of equipment under MPF Scheme and CCPWC Scheme for Odisha Police (CID, CB) during the current financial year, 2018-2019 as per the items as listed below.

Sl. No.	Equipment	Quantity
1.	<p><u>Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre</u></p> <p>i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis</p>	16 Nos.
	ii. SOCIAL MEDIA ANALYSIS TOOL	03 Nos.
	iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS	02 Nos.
	iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL	02 Nos.
	v. DATA RECOVERY FROM DAMAGED HARD DRIVERS	01 No.
	vi. CELL SITE ANALYSER	01 No.
	vii. PASSWORD DECRYPTION TOOL	02 Nos.
	viii. HIGH END LAPTOP	01 No.
	ix. PHOTO COPIER MACHINE WITH STABILIZER	01 No.
2.	<p><u>Hardware for Cyber Crime Police Stations</u></p> <p>External Hard Disk (1 TB) for 4 (four) Cyber PS at Berhampur / Sambalpur / Rourkela / Crime Branch</p>	40 Nos.
3.	<p><u>Equipment for Digital Photographic Laboratory of Handwriting Bureau</u></p> <p>i. High Speed and High Resolution Flatbed Document Scanner</p>	1 Set
	ii. Desktop Computer	
	iii. Colour Ink-jet Printer	
	iv. Online UPS (2 KVA)	
4.	<p><u>Equipment for K-9 Squad</u></p> <p>Refrigerator</p>	24 Nos.

2. Name of the item along with detail technical Specification may be seen from the web site of Govt. of Odisha i.e. www.odisha.gov.in. The quantity may vary during indent of the item depending upon budgetary allocation.
3. Date of Issue of Tender documents from **dtd:08.11.2018 at 10.00 AM to dtd:04.12.2018 upto 5.00 PM.**
4. Last date for receipt of sealed Tender on **dtd:05.12.2018 upto 5.00 PM.**
5. Date for opening of sealed Tenders / Technical Bids on **dtd:06.12.2018 at 11.30 AM** at the office of the **SP, CID, CB, Buxi Bazar, Cuttack.**

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

SHORT TENDER CALL NOTICE
Office of the D.G & I.G. of Police, Odisha, Cuttack
Tender Call Notice No.
Tender Document No.1

1. Sealed tenders are invited from the manufacturer / Authorised Agent / Authorised Dealers for purchase of following items as listed below.

Sl. No.	Equipment	Quantity
1.	<p><u>Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre</u></p> <p>i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis</p>	16 Nos.
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	viii. HIGH END LAPTOP	01 No.
	ix. PHOTO COPIER MACHINE WITH STABILIZER	01 No.
2.	<p><u>Hardware for Cyber Crime Police Stations</u></p> <p>External Hard Disk (1 TB) for 4 (four) Cyber PS at Berhampur / Sambalpur / Rourkela / Crime Branch</p>	40 Nos.
3.	<p><u>Equipment for Digital Photographic Laboratory of Handwriting Bureau</u></p> <p>i. High Speed and High Resolution Flatbed Document Scanner</p>	1 Set
	ii. Desktop Computer	
	iii. Colour Ink-jet Printer	
	iv. Online UPS (2 KVA)	
4.	<p><u>Equipment for K-9 Squad</u></p> <p>Refrigerator</p>	24 Nos.

2. Name of the item along with detail technical Specification, probable requirement may be seen from the Website of Govt. of Odisha i.e. www.odisha.gov.in. The quantity may vary during indent of the item depending upon budgetary allocation.
3. The Tender Document may be obtained
- a) On payment of Rs.500/- (Rupees Five Hundred) only between 10 AM to 5 PM on each working day from the office of the undersigned at the address given below.

- b) By sending a self-stamped (Rs. 80/-) envelope of size not less than 35 cm x 25 cm along with a Demand Draft non A/c payee of Rs. 500/- (Rupees Five Hundred) only payable at S.B.I. Main Branch, Cuttack drawn in favour of A.I.G. of Police (Provisioning), Odisha, Cuttack.
- c) By downloading from the website of Govt. of Odisha i.e. www.odisha.gov.in
4. The Tender documents shall be submitted in the office of the undersigned duly signed by the authorized signatory in each page and duly authenticated with seal in token of having read, understood and accepted the terms and condition of the contract. However in case of downloaded tender documents, a non A./C payee Demand Draft of Rs.500/-(Rupees Five hundred) only payable at SBI, Cuttack drawn in favour of A.I.G. of Police (Provisioning),Odisha, Cuttack towards cost of Tender Document shall be enclosed. Bids submitted otherwise than in the manner prescribed in the Tender Document shall be rejected.
5. Tender calling authority has the right to accept or reject the Tender(s) without assigning any reason thereof.
6. This tender shall remain valid for 1 year from the date of finalization of approved bidder for any of the listed items by the Purchase Committee or till the next tender is floated by the indenter for same item whichever is earlier.
- 7 Date of Issue of Tender documents on **dtd:08.11.2018 at 10.00 AM.**
8. Last date of Issue of Tender document on **dtd:04.12.2018 upto 5.00 PM.**
9. Last date for receipt of sealed Tender on **dtd:05.12.2018 upto 5.00 PM.**
10. Date for opening of sealed Tenders / Technical Bids on **dtd:06.12.2018 at 11.30 AM** at the Office of the **SP, CID, CB, Buxi Bazar, Cuttack.**
11. The concerned bidders are required to depute their representatives to remain present during opening of the received Tenders / Technical Bids on **dtd:6.12.2018 at 11.30 AM** at the Office of the **SP, CID, CB, Buxi Bazar, Cuttack.**
12. The Tenders received after the stipulated date will not be taken into consideration and liable for rejection.
13. All disputes which may arise relating to tender are subject to judicial jurisdiction of the competent Court at Cuttack only.
14. It is to certify that this tender document **contains 58 pages.**

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

ANNEXURE-A**APPROX. REQUIREMENT OF ITEMS TO BE PURCHASED UNDER MPF SCHEME
DURING THE CURRENT FINANCIAL YEAR 2018-19**

Sl. No.	Equipment	Quantity to be purchased
1.	<p><u>Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre</u></p> <p>i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis</p> <p>ii. SOCIAL MEDIA ANALYSIS TOOL</p> <p>iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS</p> <p>iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL</p> <p>v. DATA RECOVERY FROM DAMAGED HARD DRIVERS</p> <p>vi. CELL SITE ANALYSER</p> <p>vii. PASSWORD DECRYPTION TOOL</p> <p>viii. HIGH END LAPTOP</p> <p>ix. PHOTO COPIER MACHINE WITH STABILIZER</p>	16 Nos.
2.	<p><u>Hardware for Cyber Crime Police Stations</u> External Hard Disk (1 TB) for 4 (four) Cyber PS at Berhampur / Sambalpur / Rourkela / Crime Branch</p>	40 Nos.
3.	<p><u>Equipment for Digital Photographic Laboratory of Handwriting Bureau</u></p> <p>i. High Speed and High Resolution Flatbed Document Scanner</p> <p>ii. Desktop Computer</p> <p>iii. Colour Ink-jet Printer</p> <p>iv. Online UPS (2 KVA)</p>	1 Set
4.	<p><u>Equipment for K-9 Squad</u> Refrigerator</p>	24 Nos.

Tender Call Notice No.
Tender Document No. II
GENERAL CONDITIONS OF THE CONTRACT

1. The bidder/Supplier shall essentially be
 - a) An Original Equipment Manufacturer
or
 - b) An Authorized Agent of the OEM having running business in the tendered item with good business track record.

The bidder in proof of he being an OEM / Authorised Dealer or Agent shall submit authenticate documentary evidence in this regard. The proof submitted earlier in some other context shall not be treated as valid and sufficient. (Note: Prospective bidders should ensure that contact details such as Telephone / mobile number, Fax number, e-mail Id of their OEM / Principal must be mentioned in the Letter of Authorisation).
2. The tenders (also called bids), not submitted in prescribed format or in the prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
3. All the information as called for in the tender document should be submitted truly clearly, legibly, transparently, unambiguously and without the use of abbreviations. It shall be submitted in English.
4. All the crucial figures, like rates and amount should be written in figures followed by words in a bracket.
5. There shall be no over-writing in the tender document and other papers submitted. All the additions, alterations, deletions and cuttings should be initialled with rubber stamp (or seal) by the same person, who signs the tender document failing so, the tender may be rejected.
6. All the rates and amounts shall be quoted in Indian Rupees (IR) and shall be presumed to be in Indian Rupees unless specifically permitted to be quoted otherwise in this tender document. However an OEM located outside the country may quote its price in the Currency of the country to which he belongs but the same shall be converted to INR at the exchange rate prevailing on the date of opening of Tender and the same will be binding on both parties.
7. The rates quoted shall be valid for a period of one year counted from the last date of receipt of the bids or submission of tenders.
8. Each page of this tender document should be signed by the bidder with seal in token of having read, understood and accepted the terms and conditions of this contract.
9. For the Companies and Corporations making the bids, the tender document shall be signed by the Managing Director. If it is otherwise, the authority to sign the tender paper on behalf of the Company/ Corporation shall be enclosed. In case of partnership Firm, it shall be signed by the active Partner. In case of a proprietary Firm, the tender document shall be signed by the Proprietor.

10. "Legal Status" of a bidder shall mean either proprietorship or partnership or private/ public limited company or otherwise (to be specified), as the case may be.
11. All the documents and papers submitted with the bid should be either in English or in Odia and shall be authenticated under the seal and signature of the bidder unless specified otherwise in the tender document.
12. All the promotional and technical literature of the products intended to be supplied should be submitted for proper appreciation of the bid, whether or not; specifically called for in this tender document. This literature should also be in English or Odia.
13. Submission of more than one competitive bid by the same firm in response to the tender call notice is prohibited. All Such bids except one received first will be cancelled at the discretion of the authority calling the bids. A bidder may however, offer in his bid more than one product of the same Original Equipment Manufacturer (OEM), if in his opinion all such products meet the prescribed technical specifications. In that case, he should submit "technical bids" of all such products separately but in the same prescribed format, in the same sealed single cover. Separate "financial bids" should also be submitted similarly in the same sealed single cover (see below for the meaning of sealed cover).
14. The bidder may use separate piece of paper, where the space provided in the formats in this tender document for submission of information, is not sufficient. The information in the separate sheet of paper shall be in prescribed format and its page should be serially numbered and duly authenticated.
15. All the information submitted or supplied in the formats of this tender document shall be presumed to be true to the best of the knowledge of the bidder.
16. No firm/Company without valid **GST Registration number** and PAN shall be eligible for submitting bids. Firms blacklisted shall also not be eligible for participating in the bid.
17. Copy of Valid Registration Certificate issued by competent Authorities under the **GST Act** and Copy of PAN shall be enclosed to the Tender document. In no case other certificates issued by authorities in lieu of such certificates shall be accepted.
18. Copies of Income Tax return, Audited Balance Sheets, P/L a/c and Trading a/c of previous year along with copies of Annual VAT and CST returns of previous year need also be enclosed to the Tender document.
19. At the time of opening of Tender / Financial bid the bidder will have to satisfy the competent authority that he is not only authorised as per his Registration Certificates to deal in the tendered item but he has also a running business in such items and he has the ability to supply the tendered quantity in prescribed time limit and to meet the warrantee conditions of the product.
20. The bidders of Odisha will have to submit the GST Registration Certificate issued by the competent authority of Odisha along with the GST returns

(GSTR-3B and GSTR-1) filed for the last tax period. Similarly the bidder from outside State will submit the GST Registration Certificate, copy of GST returns of last tax period and the affidavit enclosed as Annexure-D at the time of submission of tender.

21. The bid security (EMD), if called for, shall either be in the form of Demand Draft/ FDR / Banker's Cheque of a Scheduled Bank payable at Cuttack or by pledging of NSC/FDR/Postal Savings Pass Book, all in favour of A.I.G. of Police (Provisioning), Odisha, Cuttack. EMD shall be returned immediately after the rejection of a bid. The DD / FDR / Banker's Cheque etc. shall be returned in original with or without reverse endorsement as required for the refund. EMD of the successful bidders shall be retained till the supplies are successfully delivered as per order or adjusted against "Performance Security" (defined on condition No.10 of Special Conditions of the Contract) as per conditions of performance security agreement.
22. **This tender document has prescribed a two-bid format for submitting the offers. It contains the "Technical" (Tender document No. V) and "Financial" (Tender document No.VI) bid formats. Both the bids shall be submitted in separate sealed covers identified as "Technical" or "Financial" bid after detaching their formats from this tender document. Both the sealed covers, the remaining part of this tender document including General Conditions of the Contract (Tender Document No.II), Special Conditions of Contract (Tender Document No.III), General Bid (Tender Document No. IV) and all Annexure A, B, C, D and E and all other papers/ documents should be put inside a bigger sealed cover and shall be delivered as per conditions published in the tender call notice. All the sealed cover shall have boldly written with the name of supplier/bidder, the tender call notice number and the last date for submission.**
23. No document as required and mentioned in the General / Special conditions of contract shall be enclosed to the Technical bid / Financial bid documents unless otherwise specifically mentioned there in. All required documents shall be enclosed to the General bid proforma duly authenticated and serially numbered and page marked.
24. The tenders or the bids can be sent by Regd. with AD post or courier as well. However, the authorities shall not be responsible for the postal and other delays in receipt of bids.
25. If the last date for receipt of the tender/bid turns out to be a holiday, it will automatically be extended to next working day.
26. The tender calling authority shall make arrangements in his office for issuing a written acknowledgement, under proper seal and signature, of the filled in tenders, provided those are submitted on or before the due date. The acknowledgement shall be issued even if the Tenders are dropped in a sealed box. The acknowledgement receipt shall mention, among others, the tender call notice number.

27. A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders. They will not participate in the discussions. Clarifications sought, if any may be provided by them.
28. All or any of the tenders (or bids) submitted can be rejected without assigning any reason thereof. No claim, whatsoever, shall be admissible for the alleged loss/damage suffered by the bidders on account of such rejections.
29. The Tenders/bids received in the prescribed time shall be opened by the tender committee at the prescribed date time and place. Any bid found incorrect or incomplete in any manner would be summarily rejected by the said committee.
30. The "Technical" bids shall be opened and scrutinized by the Technical Committee, only in respect of the bidders who have been found to fulfil all the prescribed criteria and conditions of this tender document other than technical specifications of the products. Only branded products shall be accepted unless otherwise mentioned in special conditions of the contract.
31. All the products, failing to fulfil the prescribed technical specifications, shall be rejected. Decision of the Technical Committee in this respect shall be final and binding. The Technical Committee may examine (i) experience and past performance on similar contracts for last 2 years (ii) capabilities with respect to personnel, equipment and manufacturing facilities (iii) financial standing through latest I.T.C.C., Annual Report, (balance sheet and Profit & Loss Account) of last 3 years.
32. The bidder shall have to submit in separate paper mentioning complied or not complied against each column of the technical specification given in the tender document.
33. Notwithstanding an offered product meeting the prescribed technical specifications, it may be rejected, if it has not been tried and tested or used in Odisha Police with satisfaction. It may also be rejected if the bidder fails to successfully demonstrate its product before the Technical Committee.
34. "Financial bids" shall be opened only in those cases, where one or more of the offered products have fulfilled the prescribed technical specifications. All financial documents like Registration Certificate issued under **GST Act** and IT Acts, VAT clearance Certificate, IT and ST returns, Audited Balance sheet, Trading a/c and P/L a/c shall be verified at the time of opening of financial bids.
35. All the prices quoted shall be F.O.R., destination i.e. **Cuttack** which means that prices shall include the cost of delivery at destination if nothing otherwise is mentioned in the Special condition of contract.
36. The Purchase Committee shall discuss and deliberate on the past performance, experience, production capacity, financial strength etc. of the bidders/suppliers as recommended by the Technical Committee, besides the rates quoted by them and select the L-1 bid in most transparent manner, taking into consideration the relevant provisions of OGFR and Circulars and

notifications issued by the Government of Odisha from time to time, so as to ensure that the purchases are effected in most prudent and economical manner, without compromising the prescribed quality, from the most eligible bidder.

37. Financial negotiations with firms other than the lowest bidder shall not be held without obtaining the prior approval of Government.
38. The authorities are not bound to accept the lowest financial bid.
39. The order for supply may be placed on the successful bidders but the technical specifications (or quality requirements) for the purpose of supply shall be those, which were offered and accepted by the Technical Committee and not those specified in the tender document. It shall not be necessary for the office of the D.G. & IG of police to place a single order for the entire requirement. Order for the same item but on identical terms and conditions may be placed by different wings of the office such that the total orders placed shall roughly correspond to the quantity mentioned in the tender document. The bills for payment shall be submitted, accordingly, on different wings placing the order.
40. On delivery, the supplies or products shall be inspected to verify the quantity and to see whether those are in accordance with the technical specifications (or quality requirements) for which the order was placed. If it turns out to be otherwise, the acceptance of delivery shall be refused at the risk and responsibility of the supplier. Further the articles found damaged shall not be counted as accepted until repaired or replaced to the satisfaction of the authorities. Moreover, in respect of products like equipments, the supplier shall install, commission and run the same to the satisfaction of user regarding the performance parameters as specified in the technical specification.
41. Short/ Part deliveries may not be accepted. All the items ordered must be supplied in full, for claiming even the part payment.
42. All the transit risk shall be the responsibility of the supplier.
43. User manuals of the product shall be supplied without being asked for and without being mentioned in the supply order. Moreover, it should be in English.
44. The supplier have to supply the indent within the time specified in the supply order. Failure to supply the indent in full within the stipulated period as mentioned in the supply order may lead to forfeiture of EMD / Performance Security and blacklisting of the suppliers. If at all the delivery is allowed to be accepted after the due date, Liquidated Damages (LD) @ 0.5% of the total amount of order (excluding taxes) per week or part thereof shall be charged, however that the L.D. shall not exceed 5% of the amount of order.
45. The supplier shall submit an undertaking given by him or the OEM committing to supply spare parts for the maintenance of the supplies for a period of at least 10 years from the date of delivery.

46. The supplier shall give a “Performance Warrantee” for a minimum period as mentioned at Sl.10 in the Special Conditions of Contract. The “Performance Security” may be forfeited partly or fully for failure to fulfil the terms and conditions of supply and post sales commitments/ obligations. The Bank Guarantee if furnished towards performance security should be enforceable and payable at Cuttack and shall be valid for the period of warrantee. (Performance Security has been defined on condition No.10 of Special Conditions of the Contract.).
47. All the clarifications sought from the bidders/ suppliers on technical specifications of the products or otherwise shall be promptly submitted in a transparent and unambiguous manner.
48. Terms & Conditions of the tender documents can't be negotiated for variation without obtaining prior approval of Govt.
49. Entire tender document, duly filled in, shall be treated as part of the contract agreement for supplies in case of the successful bidders and shall be submitted in original.
50. All the disputes shall be subjected to the jurisdiction of Civil Courts situated at Cuttack.
51. The bidders shall submit all required documents along with tender. Under no circumstances a bidder would be allowed to make any addition / alternation in any document related to tender or to submit required documents after receipt of tender by the tender calling authority.
52. Deduction of tax at source shall be made at the appropriate rate in the applicable cases where the total value of supplies of taxable goods or services or both, under a contract where total values of such supplies exceeds Two lakh and fifty thousand rupees.
53. Any objection / suggestion / complaint by any bidder with regard to tender shall be intimated in writing to the tender calling authority. The Chairman / Members of Technical / Purchase Committee would not entertain any correspondence / discussion in the above matter.

Seal & Signature of the bidder.

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

SPECIAL CONDITIONS OF THE CONTRACT

Tender Call Notice No.
Tender Document No. III

1. The Special Conditions given here shall prevail over the General Conditions.
2. **Bid Security (E.M.D.):** The tender document shall accompany with a Earnest Money Deposit (EMD) at the rate noted under col-5 against each item in Sl.No.3 below without which the tender shall be rejected. The Earnest Money Deposit should be made available in the form of DD / FDR / Banker's Cheque / NSC / Postal Savings Pass Book in a separate envelop along with the sealed covers of "Technical" and "Financial" bids. However, local MSEs registered in Odisha with respective DICs, Khadi, Village, Cottage & Handicraft Industries, OSIC and NSIC while participating in tenders shall be exempted from payment of Bid Security (Earnest Money). Bidders who are registered with DGS&D / NSIC for manufacturing of the tendered item are also exempted from payment of Bid Security.
3. **QUANTITY:** Sealed bids in this tender document have been invited for the supply of the items listed below. The approximate quantity required has been mentioned against each. Detailed technical specifications of each item are available in the Annexure of "Special Conditions of the Contract" enclosed herewith.

Sl. No.	Equipment	Approx. Quantity	Technical specification	EMD (In Rs.)
1.	<u>Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre</u>	16 Nos.	Annexure-B	2,66,000.00
	i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis			
	ii. SOCIAL MEDIA ANALYSIS TOOL	03 Nos.	Annexure-B	19,500.00
	iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS	02 Nos.	Annexure-B	12,000.00
	iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL	02 Nos.	Annexure-B	21,000.00

	v. DATA RECOVERY FROM DAMAGED HARD DRIVERS	01 No.	Annexure-B	19,500.00
	vi. CELL SITE ANALYSER	01 No.	Annexure-B	4,000.00
	vii. PASSWORD DECRYPTION TOOL	02 Nos.	Annexure-B	6,000.00
	viii. HIGH END LAPTOP	01 No.	Annexure-B	3,400.00
	ix. PHOTO COPIER MACHINE WITH STABILIZER	01 No.	Annexure-B	2,000.00
2.	<u>Hardware for Cyber Crime Police Stations</u> External Hard Disk (1 TB) for 4 (four) Cyber PS at Berhampur / Sambalpur / Rourkela / Crime Branch	40 Nos.	Annexure-B	4,000.00
3.	<u>Equipment for Digital Photographic Laboratory of Handwriting Bureau</u> i. High Speed and High Resolution Flatbed Document Scanner	1 No.		5,000.00
	ii. Desktop Computer	1 No.		1,000.00
	iii. Colour Ink-jet Printer	1 No.		1,000.00
	iv. Online UPS (2 KVA)	1 No.		1,000.00
4.	<u>Equipment for K-9 Squad</u> Refrigerator	24 Nos.		7,200.00

4. The quantities mentioned above are subject to variations. The rates quoted by the firms shall continue to be valid even if the quantities of items mentioned above are varied. Further the bidder (s) should certify that the rates quoted by it for any item (s) listed above shall remain valid subject to variation in any Govt. Tax Structure on the same (i.e. the base price of the item quoted shall remain valid irrespective of variation in the tax structure) for a period of one year from date of finalisation of rate by the Purchase Committee.
5. It shall not be necessary to bid for all the items mentioned above. The firms/companies may bid for one or more of the items depending on their convenience and submit E.M.D. accordingly. The items above do not necessarily consist of a single piece of equipment. It may be composition of inter-connected or inter-related appliances. Bidding is not permitted for the components obtained by splitting an item. Bidding is also not permitted for a part of the quantity of an item indicated above.
6. If any equipment / item consists of different components, the bidder shall have to quote price for each component separately in the Financial Bid in the prescribed format enclosed in the Tender document including installation charges, if any.
7. The bidder shall submit along with this tender document a list of names, complete addresses. Telephone/FAX numbers of the customers to whom, the items, for which the bid has been submitted, have been supplied and installed in last three years, if any. A clear unambiguous statement shall be made if an item has not been sold anywhere in India so far.

8. The supplies shall be delivered to the authorities at the place indicated below

All items	Name of the Authority & his address	Quantity
	Supdt. of Police, CID, Crime Branch, Odisha, At/PO-Buxibazar, Cuttack- 753001	As per supply order

9. The working of the equipment shall be demonstrated successfully after its installation and its performance parameter checked to the satisfaction of the user. The expenses incurred on demonstration shall be borne by the supplier.
10. The supplier shall organise adequate training to acquaint the employees of the Organisation regarding operation of the equipment in their own cost.
11. **Performance Security:-**The successful bidder shall have to enter into an agreement with the Tender Calling Authority for successful completion of supply / installation of the tendered items after proper inspection within stipulated period and also for performance warrantee of the items from the date of supply / installation up to a period of stipulated warranty as mentioned in the Technical Specification. In this regard the bidder has to furnish the security deposit at the rate of 5% of the total amount of the order excluding all taxes in the form of NSC / Post Office Savings Bank A/c / FDR / Bank Guarantee from any nationalised bank duly pledged in favour of Tender Calling Authority. However, the local MSE bidder, if selected, shall be required to pay 25% of the value of performance security.
12. Not with standing anything contained in the General Conditions of contract a new / fresh brand of product / equipment not tried, tested and used in Odisha Police may be accepted subject to meeting the prescribed technical specification and approval of Technical Committee.
13. All the supplies made shall be subject to a minimum period of warrantee as noted below.

Sl. No.	Equipment	Period of warranty
1.	<u>Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre</u> i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis	3 years + 2 years
	ii. SOCIAL MEDIA ANALYSIS TOOL	3 years + 2 years
	iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS	3 years + 2 years
	iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL	3 years + 2 years
	v. DATA RECOVERY FROM DAMAGED HARD DRIVERS	3 years + 2 years
	vi. CELL SITE ANALYSER	3 years + 2 years

	vii. PASSWORD DECRYPTION TOOL	3 years + 2 years
	viii. HIGH END LAPTOP	3 years
	ix. PHOTO COPIER MACHINE WITH STABILIZER	1 year
2.	<u>Hardware for Cyber Crime Police Stations</u> External Hard Disk (1 TB) for 4 (four) Cyber PS at Berhampur / Sambalpur / Rourkela / Crime Branch	1 Year
3.	<u>Equipment for Digital Photographic Laboratory of Handwriting Bureau</u> i. High Speed and High Resolution Flatbed Document Scanner	3 years
	ii. Desktop Computer	3 years
	iii. Colour Ink-jet Printer	3 years
	iv. Online UPS (2 KVA)	2 years
4.	<u>Equipment for K-9 Squad</u> Refrigerator	10 years on compressor & 1 year total

14. The supplier shall repair or replace at his cost any component of the supplies that may go out of order during the warranty period. The repair and replacement shall as far as possible be carried out within the premises, where the equipment has been installed. If, however, it is necessary to take the equipments to the workshop of the supplier, it must be repaired and re-installed successfully in its premises within 48 hours counted from the time service call is placed. Failing so, replacement equipment in working condition shall be supplied till return of the equipment.
15. If an equipment or supply goes out of order within the warranty period and the supplier is informed about it, it must be attended to within 48 hours counted from the time service call is placed.
16. Pre-delivery inspection: Not required.
17. **PAYMENT:** No advance payment shall be made. 100% of the payment will be made on delivery of supplies, successful installation and demonstration subject to clause 9 and 10 above.
- 19. SAMPLE/DEMONSTRATION:**
- (a) With regards to following items, the firms need not submit sample along with their bid / offer but they shall demonstrate the quoted model for inspection / consideration by the Technical Committee during its meeting.
- i. High End Laptop
 - ii. Photo Copier Machine with Stabilizer
 - iii. External Hard Disk (1 TB)
 - iv. High Speed and High Resolution Flatbed document scanner.
 - v. Desktop Computer
 - vi. Colour Ink-jet Printer
 - vii. Online UPS (2 KVA)
 - viii. Refrigerator
- (b) With regard to the following items, the firms need not submit sample along with their bid / offer but they shall demonstrate / give Power Point Presentation of their quoted model(s) as per prescribed technical specification for inspection / consideration by the Technical Committee during its meeting.

- i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis
 - ii. SOCIAL MEDIA ANALYSIS TOOL
 - iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS
 - iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL
 - v. DATA RECOVERY FROM DAMAGED HARD DRIVERS
 - vi. CELL SITE ANALYSER
 - vii. PASSWORD DECRYPTION TOOL
- Whoever does not submit sample for evaluation, does not give demonstration / Power Point Presentation as per our above directions, their tender shall be rejected.**
19. The tenderer may also submit their samples at the place of holding of the Technical Committee Meeting on or before 10.30 AM on the date of holding of the Technical Committee Meeting. The date of holding of the Technical Committee Meeting shall be intimated to the bidders by the Chairman of the Technical Committee / Member Convener.
 20. The bidders of Odisha will have to submit the GST Registration Certificate issued by the competent authority of Odisha along with the GST returns (GSTR-3B and GSTR-1) filed for the last tax period. Similarly the bidder from outside state will submit the GST Registration Certificate, copy of GST returns of last tax period and the affidavit enclosed as Annexure-D at the time of submission of tender.
 21. The selected bidders will have to enter into an agreement with the Tender Calling Authority. The agreement bond form duly filled in indicating the amount of "Performance Security" at the required rate as mentioned above and signed by the Tenderer with the attestation and common seal affixed with special adhesive stamp (Non-Judicial) not less than worth of Rs.10/- (Rupees Ten) only should be submitted within 15 days on receipt of information from State Police Headquarters, Odisha, Cuttack. The first page of the Tender Agreement should be written on non-judicial stamp paper of Rs.10/- if stamp paper of Rs.10/- denomination is not available, a no. of small denomination may be used in that place.
 22. The equipment shall be conforming to the technical specifications as per Annexure-B
 23. The bidder shall indicate make and model of quoted item in Tender Document no-V.

A.I.G. of Police (Provisioning)

Odisha, Cuttack

Signature of the Tender Calling Authority

Seal and Signature of the bidder
(With Seal)

**SPECIAL CONDITIONS OF CONTRACT (REF SL. NO.3)
TECHNICAL SPECIFICATIONS**

1. **Equipment for State Cyber Crime Forensic Laboratory-cum-Training Centre**
 i. **WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis.**

Sl. No.	Parameters	Specifications
Forensic Workstation		
1	Chasis	Portable Chassis with 450 Watt or better ATX power supply with minimum 3 5.25" Bays
2	Processor	Intel Core i7-8700 Quad Core Processor, 3.4 GHz, 8MB L3 Cache
3	Ram	32 GB DDR4 Memory
4	Hard Drives in Removable Bays	1 x 500 GB SSD Hard Drive - OS Drive 1 x 2 TB 7200 RPM 3.0 Gb/s SATA Hard Drive - Data Drive
5	Optical Drive	CD/DVD/ Drive
6	USB Ports	4 x USB 3.0, 1 x USB Write Blocked Port
7	Network Adaptor	1 x 10/100/1000 Mbs Gigabit Ethernet Network Adapter
8	Graphic & Display	Intel Integrated HD Graphics Controller w/Dual Monitor Support (1 HDMI and 1 DisplayPort)
9	Operating System And MS Office	Windows 10 64 Bit Professional with Latest MS Office
10	Write Blocker	Integrated write protection for IDE/SATA/SAS/USB/Firewire/PCIe Devices
11	Forensic Image Creation	* Should support following types of forensic image formats. - For Physical Imaging E01 Ex01 DD(RAW) AFF SMART - For Logical Logical L01 Lx01 AD1
12	Hash and Forensic Duplication Type	* Should support following types of hash value to be calculated while performing forensic imaging or HashVerification of Images. - MD5 - SHA1 * Should support following modes of forensic duplication - Disk to Disk (Clone) - Disk to File (Image)
13	Cable & Adapter Set	Should have Adapters/Cables for write protected ports: SATA/SAS/IDE/PCIe/SSD Drive Adapters

14	PCI e	1 PCI-Express 3.0(x16)Slot
15	Display	LED Monitor 20" or Better
16	Key board/mouse	Wireless Keyboard & Mouse
Malware Triage System		
17	Pri Installed & Configured Malware Triage on Forensic Workstation	Should allow investigator to traige the exhibits for potential maliciuous threat like virus, trojan, rootkits, ransomaware, keyloggers, etc. by querying the file signatures of files inside exhibits storage with multi antivirus API without submitting actual files to antivirus providers. It should provide details of static as well as dynamic analysis of detected malicious threats if available. It should allow generartion of easy to understand reports of detected threats.
Disk Forensics including Registry, Browser and Internet Forensics		
18	Pri Installed & Configured Disk Forensics Software on Forensic Workstation	Disk Forensic Analysis Software Pre Installed & Configure 1. Should able to take image of memory devices The improved Ex01 and Lx01 file formats, built on E01 and L01 formats, should be supported for increased performance and optimized data management. 2. Evidence Processor should include to Automate common tasks associated with preparing evidence for investigation should include modules: -For Recoving Files & Folders -File Signature Analysis -Protected File Analysis -Hash Analysis (MD5 and SHA-1) -Expand compound files -Find Email (PST, NSF, DBX, EDB, AOL, MBOX) -Find Internet Artifacts (IE, Firefox, Safari etc.) -Search for Keywords -Index -System Info Parser -IM Parser (AOL, MSN, Yahoo etc.) -File Carver -Personal Information (Credit Cards, Phone Numbers, Email, urls) -Windows Event Log Parser -Windows Artifact Parser (like Prefetch, USB Device Details, Recent Files Access etc.) -Unix Login -Linux Syslog Parser -Customizable modules via enscripts with built in GUI for writing scripts. -Data export and reporting capability.
Mobile, SIM, Smartphone and Cloud Forensics		
19	Pri Installed & Configured Mobile and Smart Phone Forensics Software on Forensic Workstation	Should perform Data extraction from devices running iOS, Android OS, Windows Phone OS, BlackBerry OS as well as Chinese and feature phones, Drones
		Should have a cable set and license dongle which can be used on desired host computers at any time without a need to install a fixed license locked on single computer.
		Should be able perform extraction based on: --Automated Extraction based on pre-configured handset

		<p>profiles</p> <ul style="list-style-type: none"> --Manual extraction using - Physical, Filesystem or Logical method --Physical extraction based on Chipset Profiles of MTK & Spreadtrum chipsets --Physical Extraction of Locked Motorola like like Moto X Pure, Moto G 3rd gen and Moto G 5th gen, LG, Samsung handsets --Physical Extraction of locked handsets having Qualcomm Chipset with EDL extraction method --Exploit the USB 3.0 speed for fast data extraction. <p>Should be able to perform at least 3 to 5 simultaneous extractions using the native USB ports of the host machine.</p> <p>Should Support device backups and images that can be decoded like: iTunes, Android and BlackBerry backups, Android and Windows Phone JTAG images, Blackberry 10 Chip-off image etc.</p> <p>Methods to bypass or disable screen locks on the most popular mobile devices.</p> <p>Should have an in-built Spyware Detection module to detect potential spywares on Android and Apple devices.</p> <p>Should be able to get the Drone data parsing and analysis from physical dumps, drone logs and drone mobile applications.</p> <ul style="list-style-type: none"> -- Should be able to get the data like Flight Path, Altitude, Direction, rotor speed, Photos and videos etc <p>Should allow to bypass screen lock passwords and create full physical dumps from various Chinese chipset device.</p> <p>Allow the bypass of screen lock passcodes for supported devices, locate passwords to encrypted backups, extract data from secure applications as well as recover deleted information.</p> <p>Determine common locations and contacts for several devices, view all events in a chronological order</p> <p>Should display complete technical information about the device</p> <p>Data export and reporting capability.</p>
20	Cloud Data Extraction	<p>Cloud Data:</p> <p>Extract and analyze data from multiple sources: mobile devices, their backups, cloud services and call data records.</p> <ul style="list-style-type: none"> --Should be able to access complete iCloud Data from all associated devices with unique Apple ID. --Should be able to acquire information from Google Services, Like Geo locations visited, browsing history etc. and visualize locations on online and offline maps. -- Should be able to retrieve evidence from Microsoft accounts -- Should be able to extract applications data from cloud service -- Should be able to examine messages from any email server -- Data export and reporting capability.
21	Cloud Data Extraction	<p>Should support minimum below mentioned cloud services for extraction with user credentials and Tokens found in user</p>

		<p>handsets:</p> <p>QQ Mail, Telegram, Box, DJI Cloud, Dropbox, Endomondo, Facebook, Google Andoid Cloud Data, Google Bookmark, Google Calender, Google Chrome, Google Contact, Google Drive, Google Keep, Google Location Hostory, Google Mail, Google my activity, Google Photos, Google Task, Huawei Cloud Data, icloud applications, i-cloud backup, i-cloud calender, i-cloud call history, i-cloudcontacts, i-cloud drive, itunes store, i-cloud notes, i-cloud photstream, i-cloud photos, i clud safari bookmarks, i-cloud safari history, Instagram, live calendrer, live contacts, IMAP, MI Cloud data, One Drive, Samsung Cloud backup, Samsung Cloud data, Samsung secure filder backup, swarm, Twitter, Viver google backup, viber i-cloud backup, VKontakte Whatspp cloud, Whatsapp google backup, Whatsapp icloud backup, Windows Phone Cloud Data, Workplace by Facebook.</p> <p>Data export and reporting capability.</p>
22	Cloud Data Extraction	<p>Acquires data from cloud storages using Tokens (and user credentials when tokens are not available):</p> <p>iCloud contacts and calendar, Google Drive, Google Location History, Live contacts and calendar, OneDrive, Dropbox and Box as well as from a wide range of social media including Twitter and Instagram.</p> <p>Data export and reporting capability.</p>
23	Cloud Data Extraction	<p>After the cloud data is acquired it can be viewed and merged with other extractions for deep data analysis in Timeline, Social Graph and other analytical tools.</p> <p>Data export and reporting capability.</p>
24	Geo Mapping	<p>Should have Offline and Online maps so that if Internet connectivity is not available or not preffered, the offline maps alone should be able to plot the data on map.</p> <p>-- The base offline map data should be available/included without any additional charge for the entire world.</p> <p>Data export and reporting capability.</p>
25	Geo Mapping	<p>Geo mapping</p> <p>Acquires geo coordinates from all possible sources including mobile devices,cloud storage, media cards, and imported images.</p> <p>Once analyzed, the data can be viewed within both online or offline maps</p> <p>Offers advanced analytical capabilities for geo data including:</p> <ul style="list-style-type: none"> • Identify device owner's frequently visited places • Visualize user's movements within specified period of time • Pinpoint common locations of several device users • Smoothly work with large data sets of geo points <p>Data export and reporting capability.</p>
26	Open Source & Free Untilities	<ol style="list-style-type: none"> 1.Autopsy - Digital Forensic Framework 2.Mobile and Cloud Data Gathering utilities 3.Image and Video Enhacement Utilities 4.Image Authentication 5.Live Forensics Imaging 6.Memory Forensics using Volatility Framwork

CDR Analysis System		
27	CDR Analysis Tool Installed on Forensic Workstations	<p>Tool to process Data from Various Telecom Service provider to analyse associations , locations and behavior of mobile number in question.</p> <p>Has a facility to import various formats of CDR's, IMEI Reports, Tower Data regardless of their company and format e.g. html, csv, xls, xlsx, txt, tab etc is able to produce following reports in CDR:</p> <ul style="list-style-type: none"> o Compiled CDR o Frequency Report o IMEI Report o Location Report o State Frequency Report o Country Frequency Report o Call Type Analysis o New No. Analysis o Target to Target Party o Common Between Multiple Cases o Conference Call o Circular Communication o Suspect List o First and Last call of the Day o Meeting Point o Day location o Night Location o Book Mark o Send to Google Earth <p>Is able to produce following reports in TDR:</p> <ul style="list-style-type: none"> o Common Party o Uncommon Party o Single Phone Multiple SIM o Single SIM Multiple Phone o Cross Tower Report o New Number Report o Frequency Report o CDR/TDR Match o Multiple calls between Tower to other Party o Suspect List o Multiple Tower used by Target o First and Last call of the Day o Plot on Google Earth o Target to Target <p>Has advance filtering & searching system. It should able to filter to</p> <ul style="list-style-type: none"> o Date wise o Time wise o Duration wise o A Party wise o B Party wise o State/Country/Day of week wise o Call type/IMEI Wise/IMSI/CellID wise <p>1.Is able to search multiple items on single search like Mobile number, IMEI, Cell ID, MSC Code, Search SDR, LRN search, Cell ID.</p>

		<p>2.Is able to import Database like Cell ID, Suspect Cell ID, Suspect Number, Suspect IMEI, LRN Codes, MSC Codes and Suspect List.</p> <p>3.Is able to produce standalone report which can be viewed without any license</p> <p>4.Support Google earth map for different reporting</p> <p>5.Has link analysis facility.</p> <p>6.Has Geo Fencing features for CDR calls as well as to identify installed towers in marked area.</p> <p>7.Has facility to export all the report in CSV, xls, html, PDF etc</p> <p>8.It exports all CDR reports in HTML/xls in one touch with summary linked to other reports</p> <p>9.Has facility to backup and restore of cases</p>
Student and Instructor Workbench 16 Sets		
28	Student Workbench	Furniture - One Table and Two Chairs with Space to Place Workstation & One LED Display with Networking and Power Cabling
HD Projector with Screen - 1 Set		
29	Projector With Screen	One Hi Resolution HD Projector with Screen and HDMI Cabling
UPS SYSTEM 2 Sets		
30	Online UPS	10 KVA UPS with 2 Hours of Backup each with 16 Battery 65 AH along with UPS wiring and network Cabling
24 Port Gigabit Network Switch with Network Cabling - 1 Set		
31	Gigabit Network Switch	24 port Gigabit Switch with networking for student and instructor workstations
Cooling System-8 Sets		
32	A.C. Machines	2 ton split A.C. machines of reputed brand of 3 Star or more rating, copper condenser, 5 years warranty on compressor and 1 year warranty on complete set. Stabilizer : 5 KVA wall hanging Copper transformer, 2 years warranty.
33	Warranty Support	The workstations including all the Hardwares / Softwares incorporated in this workstation will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.
34	Licensing Details	The License (if any) should be exclusively in the name of the user and the Certificate from OEM should be provided at the time of delivery/supply with date of validity. All the Hardwares / Softwares incorporated in this workstation will have original license for 5 years.
35	Regular Updates/Patch management	All the Hardwares / Softwares incorporated in these workstations will be connected with single network system.
36	Training/Installation	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 10 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.

ii. SOCIAL MEDIA ANALYSIS TOOL:-

1. It should have ability to collect and index data from social media streams, linked content and websites through APIs, webmail connectors and direct web navigation. Tool should aggregate data from these multiple sources in real time, in a highly scalable and case-centric manner.
 - i. Facebook
 - ii. Twitter
 - iii. Instagram
 - iv. You Tube
 - v. Tumblr
 - vi. Web pages & Websites
 - vii. Gmail
 - viii. Yahoo Mail
 - ix. Outlook.com
 - x. AOL Mail
 - xi. Internet Message Access Protocol (IMAP)
2. Should perform broad, unified searches across multiple accounts, social media streams and websites from a single interface. Linked content is automatically indexed and searched through the tool fast-as user types search from one user interface. Results are aggregated for sorting, tagging and export consistent with standard e-Discovery, or investigative, workflow.
3. MD5 hash values of individual items are calculated upon capture and maintained through export. Automated logging and reports generated. Key metadata unique to social media & web streams are captured through deep integration with APIs provided by the publisher. The metadata is important to establishing chain of custody and also provides key evidence relevant to the substantive case as well as authentication.
4. Should maintain data in a searchable native format from collection through production, uniquely providing a complete platform to address social media in the same manner as devices, e-mail and e- documents. Deliver collected email in PST format while maintaining hierarchical structural.
 - ❖ Any Software/ Firmware updates to be provided during the Warranty Period.
 - ❖ Bidder has to provide demonstration of the complete solutions at site.
 - ❖ Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources.
 - ❖ Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same.
 - ❖ Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India
 - ❖ Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder
 - ❖ Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product
5. **License**:- All the Hardwares / Softwares will be have original license for 5 years.
6. **Training**:-
 - ❖ Installation, Demonstration at the user site by the firm at free of cost.
 - ❖ Training for the period of 5 days at the user site free of cost.
 - ❖ Periodical trainings will be imparted free of cost as and when required.
7. **Warranty**:-
 - ❖ All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period.
 - ❖ The cost of extended 2 years warranty will be mentioned separately.

iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS

Access the DVR Hard Drive

By accessing the surveillance DVR hard drive directly, Offered Tool should be able to bypass any system passwords and recover data from non-functioning systems.

Detect and Identify the DVR Filesystem

Tool should be able to identify the proprietary DVR filesystem used by the surveillance system, which means you do not need to know the make or model of the DVR.

Scan and Identify Video

Tool should scans the hard drive to identify recoverable clips. Users can easily sort or filter the clip list to identify the video you need.

Preview and Locate the Incident

Easily watch the DVR video within Tool, eliminating any need for external DVR Players.

Export and Recover Video

Tool should offer a forensically safe option for surveillance DVR data recovery. Queue exports of native or open video and save time with the included export report.

Integrated Video Player

Tool should make it easy to view, analyze, and categorize videos in the integrated video player.

Tool should overlay critical (and correct) metadata into the preview for Examiner.

Should be able to easily save a still image or an openly playable video clip.

Use tags to easily mark and locate video clips based on information that is important to the case.

Motion Analytics

Tool should have Motion Analytics Engine enabling to easily identify which clips to review first based on motion activity.

Receive a list of motion events and easily jump to the video that matters.

Filter and sort video using the identified level of motion in each clip to highlight which video clips have the most action.

Should have motion score to identify which clips have more motion activity relative to other clips.

Inaccessible Video

Tool should have feature to recover video that is no longer accessible to the DVR. This allows Examiner to recover formatted, deleted, or partially overwritten video.

Frame Level Timestamps

Tool should have ability to overlay critical metadata such as Channel and Date/Time during preview, allowing you to easily develop a timeline of events.

Recording Types

Tool should identify the type of recording for a given video clip. This allows to easily identify clips that were triggered by motion or recorded on schedule.

Channel Name

Tool should recover the system defined channel name, giving insight into the area or view for each video clip.

Audio

Tool should have feature to recover recorded audio from the DVR.

Direct Hard Drive Access

By accessing the DVR hard drive (or forensic image) directly, Tool should identify and recover video significantly faster than manually exporting individual clips from the DVR itself.

Job Manager

Easily multi-task Tool should also Queue up multiple exports, view multiple previews at the same time, and begin reviewing video while the scan is still progressing.

Detailed Reporting

Save time and stop taking notes of every clip you export. Tool should includes a suite of detailed and configurable reports.

Multiple Formats

Should be able to export both playable AVIs and native files

Players Included

Tool should provide any necessary player to review the native exports.

Proprietary File System

Support for **100+ DVR Proprietary File Systems** including NVP_3000P filesystem, new variant of the STL filesystem, UWARE_264 filesystem, NAFS_264, Mirage_HiSi and Mirage_IVNET filesystems

Supported DVRs

Tool should support **1000+ DVR's**

Incompatible DVR/ File System

Tool should have facility to add Profiler of the unsupported DVR within the Software to add its support from OEM in future releases

Software Updates

Offered product should have at-least 4 Updates every year which should have new Features, File Systems, DVR's and Bug-fixes

Offered Tool should have continuous filesystem updates feature to download latest filesystems just like any Anti-Virus program

- Any Software/ Firmware updates to be provided during the Warranty Period.
- Bidder has to provide demonstration of the complete solutions at site.
- Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources.
- Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same.
- Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India
- Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder
- Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product

License	All the Hardwares / Softwares will be have original license for 5 years.
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.

iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL

- ❖ Product should have capability to import video, image and audio files quickly and easily
- ❖ Product should have capability to batch import video sequences from VMSeS like Milestone and numerous directly supported proprietary files
- ❖ Product should be able Convert analogue to digital
- ❖ Ability to connect to an IP camera to stream video into your investigation
- ❖ Capability to rapidly decode video using a unique combination of Windows codecs
- ❖ Product should have capability to capture from proprietary player using specially designed capture tool
- ❖ Ability to automatically analysis codec and encoding of a file type.
- ❖ Product should have capability to import multiple different sources of video simultaneously
- ❖ Product should have capability to add evidential metadata to you video like source, exhibit reference etc.
- ❖ Product should have capability to correct time anomalies by offsetting the time to

the speaking clock.

- ❖ Ability to review key events frame by frame
- ❖ Ability to speed up video playback for rapid reviewing
- ❖ Jump from event to event automatically by playing all events
- ❖ Zoom in on key areas of the video to see objects clearer
- ❖ Bookmark key persons of interest and events quickly using tagging features
- ❖ Export your viewing log to excel, word or pdf
- ❖ Use frame by frame editing functions to create precise evidential packages
- ❖ Clarify images and video using contrast and brightness
- ❖ Apply multiple layered clarification techniques including Brightness & Contrast, Crop, Histogram Stretch, Histogram Equalize, Rotate, Mirror, Contrast stretch, Deinterlace, Noise removal, Sharpen, Scale filters
- ❖ Layer enhancement filters and view step by step the approaches taken
- ❖ Any Software/ Firmware updates to be provided during the Warranty Period.
- ❖ Bidder has to provide demonstration of the complete solutions at site.
- ❖ Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources.
- ❖ Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same.
- ❖ Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India
- ❖ Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder
- ❖ Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product.

License	All the Hardwares / Softwares will be have original license for 5 years.
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.

v. DATA RECOVERY FROM DAMAGED HARD DRIVERS:-

The instrument should be capable of performing the following actions

- a) diagnose the HDD in technological mode
- b) verify and recover the HDD service area
- c) read-write Flash ROMs area
- d) load service information access program – LDR
- e) modify HDD heads configuration tables
- f) review defect tables (P-list, G-list, T-list, etc)
- g) hide found defects of magnetic surface
- h) recalculate (initialize) translator
- i) change configuration and identification parameters
- j) reset logs and S.M.A.R.T parameters
- k) watch and reset HDD passwords
- l) work with the Data extractor

SATA (Serial ATA) and ATA (IDE) interfaces for numerous hard disk vendors such as

Seagate, Western digital, Fujitsu , Samsung, Maxtor, Quantum, IBM (HGST), HITACHI, TOSHIBA.

Capacities of hard drives from (500MB to 3TB) and various form factors: 3.5" – desktop drives , 2.5" and 1.8 " - laptop drives and 1.0" – portable drives with compact Flash interfaces

THE PC kit which include following types of controller, adapter and cables,

- ❖ PC-3000 UDMA-E controller
- ❖ PC-USB PWR adapter
- ❖ PC-USB-TERMINAL adapter
- ❖ PC-2" adapter
- ❖ SATA-micro SATA adapter
- ❖ MX-SAFE adapter
- ❖ PC-FUJ.SATA adapter
- ❖ PC-QUANTUM adapter
- ❖ PC-SAMSUNG adapter
- ❖ PC-SEAG.SATA adapter
- ❖ PC-SEAGATE adapter
- ❖ PC-TOSH.SATA adapter
- ❖ PC-WD3.5" adapter
- ❖ PC-WD2.5" adapter
- ❖ ATCS, ATDA probe unlock
- ❖ USB 2.0 Defender cable
- ❖ SATA RAID edition (100 cm) cable
- ❖ UDMA80 (80 cm) flat cable
- ❖ IDC10 (30 cm) cable
- ❖ MX-SAFE power cable
- ❖ SATA HDD (100 cm) power cable
- ❖ PATA HDD (85 cm) power cable
- ❖ PATA-SATA (15 cm) power adapter
- ❖ PC-3000 UDMA software, resource database

FLASH MODULE

hardware-software system intended for recovering data from all NAND based devices in such cases where there is no access through the authorized drive interface:

- ❖ UFD (USB Flash Drive)
- ❖ SD (Secure Digital Card)
- ❖ CF (Compact Flash)
- ❖ micro SD (micro Secure Digital Card)
- ❖ MS (Memory Stick)
- ❖ Xd
- ❖ Monolithic Flash Devices
- ❖ MMC (Multi Media Card)
- ❖ Voice Recorder (dictaphone)
- ❖ iPhone 2G, 3G, 3GS (without hardware encryption)

License	All the Hardwares / Softwares will be have original license for 5 years.
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.

vi. CELL SITE ANALYSER:-

Operates on GSM frequency, No database dependent.	
Compact & Portable, Supports both 2G, 3G & 4G	
Fully Battery Operated	
Operates on Re-Chargeable LI Batteries with long back up time (in number of days)	
Fast, Accurate and Extracts More Tower IDs than what is feasible through regular mobile hand sets	
User / Operator need not be technically trained. Knowledge of use of mobile phones is sufficient	
Captured data is stored in non-volatile memories for re-use	
On board thermal printer to instantly print the hard copies of all captured tower IDs for record purposes	
Soft data of the Stored Tower ID can be up-loaded as files to a PC, can be sent to others through email	
Feasible to extract TOWER IDs at multiple locations and save them in on board flash memory with unique record IDs	
Extracts IDs of towers which are invisible to normal mobile hand sets	
Device is totally Battery Operated, Compact and Portable	
Inbuilt thermal printer to instantly print the hard copies of all captured tower IDs for record purposes	
Drastically reduces man hours on field for Tower-ID extraction at SOC	
Processor Speed - ARM 32bit Processor, 1200DMIPS	
Memory - 512 MB RAM, 1 GB on-board Data Memory, Optional - 4 GB to 32 GB data card	
RTC - Inbuilt	
Key Buzzer - In Built	
Key Board - 48 Key Dome Key Pad	
Display - 4.3" Colour LCD TFT	
Ports - USB Host Interface for pen drive	
GSM Interface - 2G & 3G networks supported, with inbuilt Antenna and upgradeable to 4G support	
GPS - GPS with inbuilt Antenna - 8 AH Internal LI Battery, 7.4 V -40 W External 230V AC Battery, Charger Adapter	
Status LEDs - Unit Power ON - Printer Error Status	
Printer - 2" Thermal Printer - Paper width 58 mm - Roll dia. 60 mm	
Enclosure - IP67 Compliant FRP enclosure - Dimensions in CM: 27 (L) x 24.6 (W) x 12.4 (H)	
Unit Weight - Approximately 2.5 Kg	
License	All the Hardwares / Softwares will be have original license for 5 years.
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.

vii. **PASSWORD DECRYPTION TOOL**

- ❖ **Password recovery for 280+ file types:** MS Office, PDF, Zip and RAR, Quickbooks, FileMaker, Lotus Notes, Apple iTunes Backup, Mac OS X Keychain and many other popular applications.
- ❖ **Cloud Data Acquisition:** acquires backups and data from cloud services: Apple iCloud and iCloud Drive, MS OneDrive, and Dropbox.
- ❖ **Hardware Acceleration:** Accelerated password recovery with multiple computers, NVIDIA and AMD GPUs, Tableau Password Recovery and TACC, and Rainbow Tables.
- ❖ **Linux Agent Ready:** Run a portable Passware Kit Agent from a bootable Linux USB drive.
- ❖ **Live Memory analysis:** Analyzes live memory images, hibernation files and extracts encryption keys for FileVault2, TrueCrypt, VeraCrypt, BitLocker, logins for Windows & Mac accounts from memory images & hibernation files.
- ❖ **Mobile Forensics:** Recovers passwords for Apple iPhone/iPad and Android backups as well as Android images and extracts data from images on Windows phones. Integrated with the Oxygen Forensic Suite.
- ❖ **Intelligent Detection:** Detects all the encrypted files and hard disk images, reports encryption type and decryption complexity.
- ❖ **Decryption of FDE:** Decrypts or recovers passwords for BitLocker, FileVault2, TrueCrypt, VeraCrypt, LUKS, McAfee, Apple DMG, and PGP disk images.
- ❖ **a network distributed password recovery worker** which should run on Windows and Linux, 64- and 32-bit, should have linear performance scalability.
- ❖ **Decryption for Apple File System (APFS)**
- ❖ **Password recovery for macOS High Sierra Keychains**
- ❖ **Faster GPU-accelerated password recovery for TrueCrypt and Zip**
- ❖ **Should come with 25 remote agent to utilize the idle hardware resources.**

License	All the Hardwares / Softwares will be have original license for 5 years.
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.

viii. **HIGH END LAPTOP**

- 1) Operating System:- Windows 10 Home (64-bit)
- 2) Processor:- 7th Gen Intel Core i7 or higher
- 3) RAM:- 16GB, DDR4, 2400MHz ; up to 32GB
- 4) Hard Disk:- 1 TB or above
- 5) SSD:- 256 GB or above.
- 6) Graphics:- 6 GB G DDR5 or above
- 7) Screen Size:- 15.6 inch monitor or above.
- 8) Wireless:- IEEE 802.11 and Bluetooth
- 9) Ports:- 1 HDMI 2.0, 3 USB 3.0 including 1 with PowerShare
- 10) Multi card slot:- 3 in 1 Card Reader(SD, SDHC, SDXC)
- 11) Slots: 1 Noble lock slot, 1 2-in-1 SD (UHS50) / MMC, 1 RJ-45, 1 Headphone/Mic
- 12) Disk Drive:- CD/DVD Writer
- 13) Camera:- Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone
- 14) Carry bag
- 15) Additional USB wired Keyboard
- 16) Additional USB wired optical Mouse with its mousepad.
- 17) The computer should be a branded(not assembled) one, from companies like HP, Dell and Apple.

18) Reputed total security Anti Virus with 3 year subscription or above from companies like Quick Heal, Kaspersky, McAfee, etc.	
19) With installation of latest version of Microsoft office.	
20) Free upgradation and onsite warranty of software and hardware for three years or above.	
21) Free installation at the user site.	
License	All the Hardwares / Softwares will be have original license for 5 years.
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 years of warranty.

ix. PHOTO COPIER MACHINE WITH STABILIZER

Sl. No.	Specification	
1.	<u>General</u> Warm up time	10 Seconds
2.	First output speed	6.5 seconds
3.	Continuous output speed	25
4.	Memory	128 MB
5.	Dimensions	(WxDxH) 586.8 x 568 x 528.5
6.	Weight	47 Kg.
7.	Power Source	220V-240V, 50/60Hz
8.	<u>Paper Handling</u> Paper Input Capacity	Standard : 2 x 250 sheet paper trays, 100 sheet multi bypass tray
9.	Maximum	1600 sheets
10.	Recommended paper size	Paper tray(s) : A5-A3, Bypass tray : A6-A3
11.	Paper Output Capacity	Maximum : 350 sheets
12.	Paper Weight	Paper tray(s) : 60-105 g ²
13.	Bypass tray	60-162 g ²
14.	Duplex unit	64-90 g ²
15.	Copier	Copying process laser beam scanning and electro photographic printing
16.	Multiple copies	Up to 99 copies
17.	Resolutions	600 dpi
18.	Zoom From	50 to 200%
19.	<u>Scanner</u> Scanner Type	Colour & BW
20.	Scan Modes	Binary / Halftone / Grayscale / 8 Colors / Full Colors
21.	Resolutions Maximum	600 dpi
22.	Original Size	A3, A4, A5
23.	Bundled Drivers	TWAIN, Network (Option)
24.	<u>Printer</u> Printer Languages	GDI
25.	Resolution	600 x 600 dpi
26.	Interface Standard	USB 2.0
27.	Option	Ethernet 10 base-T / 100 base-TX
28.	Network protocol TCP/IP (IPv4), IPP	
29.	Supported Environments	Windows® XP / Vista / 7 / Server2003 / Server 2008 / Server 2008 R2 / Open SUSE (KDE & Gnome) / Ubuntu (Gnome) / Ubuntu (KDE)
30.	<u>Ecology</u> Power consumption	Maximum ; 1,550 W
31.	Ready mode	113 W
32.	Sleep mode	0.6 W
33.	TEC (Typical Electricity Consumption)	892/1, 082 W/h
34.	Options	Platen cover, ARDF, 1 x 500 sheet paper tray, 2 x 500 sheet paper tray, DDST option.
35.	Warranty	1 year

(2) External Hard DiskTechnical Specifications

1 TB of reputed brand, warranty: Minimum 3 years

3. Equipment for Digital Photographic laboratory of Handwriting Bureau**(i) High Speed and High Resolution Flatbed Document Scanner**Technical Specifications

Sl. No.	Parameter	Specification
1	Scanner Speed	Minimum 50 PPM
2	Duplex Scanning	Yes
3	Duplex Scan Speed	100 IPM or More
4	Integrated Flatbed	A3 Size
5	Scan Technology	CCD
6	Daily Recommended Volume	5000 Pages or More
7	Scan Resolution	Optical: Up to 600 dpi, Hardware up to 600 X 600dpi
8	Multifeed Detection	Yes, Ultrasonic
9	ADF Capacity	200 sheets or more of min 75 GSM
10	Standard Connectivity	2.0 USB
11	Minimum Paper Size (ADF)	70 X 148 mm
12	Maximum Paper Size (ADF)	300 X 864 mm
13	Warranty	Comprehensive OEM onsite warranty of 3 Years
14	Output Format	PDF, JPEG, TIFF, BMP, TEXT, PNG, XML, UNICODE, WPD, XPS, HTM

(ii) Desktop ComputerTechnical Specifications

Sl. No.	Parameter	Specification
1.	Processor	7th Generation Intel Core i5 Processor (3.0GHz) or Higher
2.	Chipset	Intel compatible chipset
3.	Motherboard	Motherboard make from the same Desktop OEM
4.	Memory	8 GB 1600 MHz DDR4
5.	Expandable to	Memory Expandable up to minimum 32 GB DDR4
6.	Hard Disk	1TB (7,200 Rpm) Hard Drive
7.	Monitor	19.5 inches with LED Backlight or higher
8	Ethernet	Integrated Gigabit (10/100/1000) NIC, Bluetooth & WiFi
9.	Mouse	2 Button USB Optical Scroll Mouse (Same OEM)
10.	Keyboard	104 Keys USB keyboard (Same OEM)
11.	Optical Drive	Internal DVD R/W Drive
12.	Graphics	Intel HD Graphics
13.	Audio	Internal audio connector with Internal audio Speaker
14.	I/O Ports	6 or more USB 1 Ethernet (RJ45) 1 VGA / 1 display port 1 Stereo line in/out/Universal Audio Port HDMI 1 port
15.	Operating System	Windows 10 Professional/Home Operating System

(iii) Colour Inkjet PrinterTechnical Specifications

Sl. No.	Parameter	Technical Specification
1.	Printing Technology	Inkjet
2.	Speed	20 PPM or more
3.	Duplex	Automatic
4.	Paper size	A4
5.	USB	Support
6.	Resolution	2400x1200 dpi or Better
7.	Memory	128 MB or Higher
8.	Input paper capacity	1x150 Sheets or More
9.	Interface	USB, Network + Wi-fi
10.	Warranty	years onsite

(iv) On-line 3 KVA UPSTechnical Specifications

Sl. No.	Parameter	Specifications
1	UPS Capacity	3 KVA ON Line UPS
2	UPS Type	True On line Double Conversion Technology
3	UPS Technology	IGBT with PWM technology
4	Input Voltage	220V – 230V, Single Phase
5	Input Frequency Range	47 – 53 Hz
6	Input Power Factor	0.99
7	Output Voltage	230 V, Single Phase
8	Output Frequency	50 Hz +/- 1%
9	LCD Display	Graphical LCD for notice and alarm
10	Standard Communication Port	1 x USB ,1x RS232
11	ISO 9001 -2008 & ISO 14001	Product certification to be enclosed
12	Markings	UPS should be CE
13	Standard	BIS certified of the OEM
14	Battery	Sealed and Maintenance Free batteries should be provided (Lead Acid) – Make : Rocket/Quanta/Exide
15	Battery VAH Required	Total 2400 VAH minimum required
16	Back-up time	Minimum 30 mins
17	Generator compatible	
18	Warranty	Warranty of 2 years (including battery)

4. RefrigeratorTechnical Specifications

Sl. No.	Required specifications.
1.	Reputed brand having capacity-190 Ltrs. or above
2.	Compressor type- Inverter compressor
3.	Star rating- 5 star
4.	Warranty- 10 years on compressor and one year overall warranty
5.	Runs on inverter
6.	Service facility : Different regions of Odisha

GENERAL BID FORM
Tender Call Notice No.
Tender Document No. IV

1. Name
Full Address.
Fax No.
Telephone No.
E-mail Id
2. Legal status of the firm.
3. Items for which you have submitted the bid.
4. For which of the items above you are the Original Equipment Manufacturer (OEM)
5. Give the location and Address of your factory.
6. For the items listed at (3) above and where You have submitted the bid but you are not The OEM, indicate against each of the names of the OEM.
7. Kindly confirm by writing 'Yes' or 'No' only that you have been authorized by the respective OEMs either as dealer or as sale, supply and Servicing agent in respect of the items you are not the OEM.
8. Which of the items, you have submitted the Bids for, will be fully or substantially imported, Indicate the country to be imported from.
9. Have you enclosed the EMD? If yes, mention the amount and its identifying details.
10. Have you enclosed all the documents and Papers called for in this tender document? As per Annexure-C (please enclose the documents serially as per above Annexure).
11. If the answer to (10) above is No Which of the documents / papers called for in the tender document have not been enclosed. (Kindly enclose a list of such documents/papers) (Use a separate sheet of paper if necessary)
12. Do you have a Post Sales –Servicing Centre in Odisha? If yes, give its Name Full Address, Fax, Tel. Nos. and Email Id:

Seal and Signature of the Bidder.

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

ANNEXURE :-C

**Check List of documents to be enclosed to
General bid Form
(Reference Sl. 23 of General Conditions of contract)**

Sl. No.	Reference Ssl of General conditions of contract	Nature and Type of document	Whether enclosed (with page reference)	
1	2	3	4	
			Yes / No	Page ref
I	1	Proof of OEM (i.e. Certificate issued by Industries department, GST authorities, Registrar of companies) / Authorised Agent of OEM (i.e. Certificate issued by the OEM)		
II	12	Promotional and Technical literature relating to the items tendered		
III	17	Valid Registration certificate issued under GST Act and Income Tax Acts by competent Authorities.		
IV	18	IT Returns, copy of last GST returns filed, Balance Sheet, P/L a/c and trading a/c (All document mentioned above must relate to the previous year i.e. 2017-18) and PAN Card.		
V	20	a) Copy of GST Registration Certificate. b) Affidavit in prescribed format by the suppliers of outside Odisha declaring that they have no business in Odisha nor they have any OGST liability (Annexure-D).		
VI	21	EMD of Rs.----- in shape of BD/BC/NSC/FDR/Postal savings Pass Book		
VII	22	Technical bid (i.e. Tender Document No.V) & Financial bid (i.e. Tender Document No.VI) should be separately sealed in two covers and over them it should be clearly mentioned as Technical / Financial Bid with name of the firm and Signature of the Bidder.		
VIII	36	Proof of past performance regarding supply of tendered item to Government organisation/PSUs i.e. copies of supply order/sale invoice (as per Annexure-“E” in line with special condition of Contract Sl. No.6).		
IX	45	Undertaking to supply spare parts for maintenance of items for 10 years if selected for supplying the tendered item.		

Signature & Seal of the bidder

ANNEXURE-D**PROFORMA FOR SUBMISSION OF AFFIDAVIT IN RUPEES OF TEN OF INDIA
NON-JUDICIAL STAMP PAPER BY THE FIRMS WHO ARE NOT REGISTERED
UNDER ODISHA GST ACT.**

I _____, Aged About _____ years son of
Sri _____, the Proprietor of
M/S _____ do hereby solemnly affirm and declares as
under:

1. That I am the deponent of this affidavit.
2. That I do hereby declare that I have not been registered under the Odisha GST Act and have not started any business in the State of Odisha till yet & we have no liability under the Odisha GST Act.
3. I am a registered dealer of the _____ State having GST No. _____ and I am enrolled under the State / Central GST authority of _____ (place). I am authorized to deal in the _____, _____, _____, _____ items (quoted).
4. That I swear this affidavit to be produced before the concerned authority for future reference and record.
5. That the facts stated above are true to the best of my knowledge and belief and nothing has been concealed thereon.

Identified

Advocate

Deponent

The above named deponent being identified by Shri
_____ Advocate _____ solemnly affirm
and states before me that the contents of this affidavit are true to the best of
his knowledge.

Dt.

Notary: _____

(With Seal Stamp)

ANNEXURE-E

**Checklist of documents to be submitted with General Bid form
(as per special Conditions of Contract)**

SL No.	Reference SL of Special condition of contract	Nature and Type of document	Whether enclosed	
1	2	3	4	
1	6	List of names, complete address, Telephone numbers of customers to whom the tendered item had been supplied during last 3 years	Yes	No

Signature and Seal of Bidder.

TECHNICAL BID FORMAT

Tender Call Notice No.

Tender Document No.-V

1. Equipment for State Cyber Crime forensic Laboratory-cum-Training Centre

- i. WORKSTATION WITH INTEGRATED WRITE BLOCKERS IDE/SATA / SAS / USB / FIREWIRE & PCIE AND FORENSIC MEMORY CARD READER with pre-installed Disk Forensics Memory Forensics Web Browser Analysis Tools, Registry Analysis Tools Password Recovery Tools, Malware Analyzer, Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit, Disk Forensics Memory Forensics Web Browser Analysis Tools, registry Analysis Tools Mobile forensic Kit. Disk Imaging Drive Wiper Remote System Forensic, Mobile Forensic Kit GPS Forensics & CDR Analysis.**

Sl. No.	Parameters	Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
Forensic Workstation				
1	Chasis	Portable Chassis with 450 Watt or better ATX power supply with minimum 3 5.25" Bays		
2	Processor	Intel Core i7-8700 Quad Core Processor, 3.4 GHz, 8MB L3 Cache		
3	Ram	32 GB DDR4 Memory		
4	Hard Drives in Removable Bays	1 x 500 GB SSD Hard Drive - OS Drive		
		1 x 2 TB 7200 RPM 3.0 Gb/s SATA Hard Drive - Data Drive		
5	Optical Drive	CD/DVD/ Drive		
6	USB Ports	4 x USB 3.0, 1 x USB Write Blocked Port		
7	Network Adaptor	1 x 10/100/1000 Mbs Gigabit Ethernet Network Adapter		
8	Graphic & Display	Intel Integrated HD Graphics Controller w/Dual Monitor Support (1 HDMI and 1 DisplayPort)		
9	Operating System And MS Office	Windows 10 64 Bit Professional with Latest MS Office		
10	Write Blocker	Integrated write protection for IDE/SATA/SAS/USB/Firewire/PCIe Devices		

11	Forensic Image Creation	<p>* Should support following types of forensic image formats.</p> <ul style="list-style-type: none"> - For Physical Imaging <ul style="list-style-type: none"> E01 Ex01 DD(RAW) AFF SMART - For Logical Logical <ul style="list-style-type: none"> L01 Lx01 AD1 		
12	Hash and Forensic Duplication Type	<p>* Should support following types of hash value to be calculated while performing forensic imaging or HashVerification of Images.</p> <ul style="list-style-type: none"> - MD5 - SHA1 <p>* Should support following modes of forensic duplication</p> <ul style="list-style-type: none"> - Disk to Disk (Clone) - Disk to File (Image) 		
13	Cable & Adapter Set	Should have Adapters/Cables for write protected ports: SATA/SAS/IDE/PCie/SSD Drive Adapters		
14	PCI e	1 PCI-Express 3.0(x16)Slot		
15	Display	LED Monitor 20" or Better		
16	Key board/mouse	Wireless Keyboard & Mouse		
Malware Triage System				
17	Pri Installed & Configured Malware Triage on Forensic Workstation	<p>Should allow investigator to triage the exhibits for potential malicious threat like virus, trojan, rootkits, ransomware, keyloggers, etc. by querying the file signatures of files inside exhibits storage with multi antivirus API without submitting actual files to antivirus providers.</p> <p>It should provide details of static as well as dynamic analysis of detected malicious threats if available.</p> <p>It should allow generation of easy to understand reports of detected threats.</p>		
Disk Forensics including Registry, Browser and Internet Forensics				
18	Pri Installed & Configured Disk Forensics Software on Forensic Workstation	<p>Disk Forensic Analysis Software Pre Installed & Configure</p> <p>1. Should able to take image of memory devices The improved Ex01and Lx01 file formats, built on E01 and</p>		

		<p>L01 formats, should be supported for increased performance and optimized data management.</p> <p>2.Evidence Processor should include to Automate common tasks associated with preparing evidence for investigation should include modules:</p> <ul style="list-style-type: none"> -For Recoving Files & Folders -File Signature Analysis -Protected File Analysis -Hash Analysis (MD5 and SHA-1) -Expand compound files -Find Email (PST, NSF, DBX, EDB, AOL, MBOX) -Find Internet Artifacts (IE, Firefox, Safari etc.) -Search for Keywords -Index -System Info Parser -IM Parser (AOL, MSN, Yahoo etc.) -File Carver -Personal Information (Credit Cards, Phone Numbers, Email, urls) -Windows Event Log Parser -Windows Artifact Parser (like Prefetch, USB Device Details, Recent Files Access etc.) -Unix Login -Linux Syslog Parser -Customizable modules via enscripts with built in GUI for writing scripts. - Data export and reporting capability. 		
Mobile, SIM, Smartphone and Cloud Forensics				
19	Pri Installed & Configured Mobile and Smart Phone	Should perform Data extraction from devices running iOS, Android OS, Windows Phone OS, BlackBerry OS as well as Chinese and feature phones, Drones		
	Forensics Software on Forensic Workstation	Should have a cable set and license dongle which can be used on desired host computers at any time without a need to install a fixed license locked on single computer.		

	<p>Should be able perform extraction based on:</p> <ul style="list-style-type: none"> --Automated Extraction based on pre-configured handset profiles --Manual extraction using - Physical, Filesystem or Logical method --Physical extraction based on Chipset Profiles of MTK & Spreadtrum chipsets --Physical Extraction of Locked Motorola like like Moto X Pure, Moto G 3rd gen and Moto G 5th gen, LG, Samsung handsets --Physical Extraction of locked handsets having Qualcomm Chipset with EDL extraction method --Exploit the USB 3.0 speed for fast data extraction. 		
	Should be able to perform at least 3 to 5 simultanous extractions using the native USB ports of the host machine.		
	Should Support device backups and images that can be decoded like: iTunes, Android and BlackBerry backups, Android and Windows Phone JTAG images, Blackberry 10 Chip-off image etc.		
	Methods to bypass or disable screen locks on the most popular mobile devices.		
	Should have an in-built Spyware Detection module to detect potential spywares on Android and Apple devices.		
	Should be able to get the Drone data parsing and analysis from physical dumps, drone logs and drone mobile applications. -- Should be able to get the data like Flight Path, Altitude, Direction, rotor speed, Photos and videos etc		
	Should allow to bypass screen lock passwords and create full physical dumps from various Chinese chipset device.		
	Allow the bypass of screen lock passcodes for supported devices, locate passwords to encrypted backups, extract data from secure applications as well as recover deleted information.		
	Determine common locations and contacts for several devices, view all events in a chronological order		
	Should display complete technical information about the device. Data export and reporting capability.		

20	Cloud Data Extraction	<p>Cloud Data: Extract and analyze data from multiple sources: mobile devices, their backups, cloud services and call data records. --Should be able to access complete iCloud Data from all associated devices with unique Apple ID. --Should be able to acquire information from Google Services, Like Geo locations visited, browsing history etc. and visualize locations on online and offline maps. -- Should be able to retrieve evidence from Microsoft accounts -- Should be able to extract applications data from cloud service -- Should be able to examine messages from any email server. Data export and reporting capability.</p>		
21	Cloud Data Extraction	<p>Should support minimum below mentioned cloud services for extraction with user credentials and Tokens found in user handsets: QQ Mail, Telegram, Box, DJI Cloud, Dropbox, Endomondo, Facebook, Google Andoid Cloud Data, Google Bookmark, Google Calender, Google Chrome, Google Contact, Google Drive, Google Keep, Google Location Hostory, Google Mail, Google my activity, Google Photos, Google Task, Huawei Cloud Data, icloud applications, i-cloud backup, i-cloud calender, i-cloud call history, i-cloudcontacts, i-cloud drive, itunes store, i-cloud notes, i-cloud photstream, i-cloud photos, i clud safari bookmarks, i-cloud safari history, Instagram, live calendrer, live contacts, IMAP, MI Cloud data, One Drive, Samsung Cloud backup, Samsung Cloud data, Samsung secure filder backup, swarm, Twitter, Viver google backup, viber i-cloud backup, VKontakte Whatspp cloud, Whatsapp google backup, Whatsapp icloud backup, Windows Phone Cloud Data, Workplace by Facebook. Data export and reporting capability.</p>		

22	Cloud Data Extraction	Acquires data from cloud storages using Tokens (and user credentials when tokens are not available): iCloud contacts and calendar, Google Drive, Google Location History, Live contacts and calendar, OneDrive, Dropbox and Box as well as from a wide range of social media including Twitter and Instagram. Data export and reporting capability.		
23	Cloud Data Extraction	After the cloud data is acquired it can be viewed and merged with other extractions for deep data analysis in Timeline, Social Graph and other analytical tools. Data export and reporting capability.		
24	Geo Mapping	Should have Offline and Online maps so that if Internet connectivity is not available or not preferred, the offline maps alone should be able to plot the data on map. -- The base offline map data should be available/included without any additional charge for the entire world. Data export and reporting capability.		
25	Geo Mapping	Geo mapping Acquires geo coordinates from all possible sources including mobile devices, cloud storage, media cards, and imported images. Once analyzed, the data can be viewed within both online or offline maps Offers advanced analytical capabilities for geo data including: <ul style="list-style-type: none"> • Identify device owner's frequently visited places • Visualize user's movements within specified period of time • Pinpoint common locations of several device users • Smoothly work with large data sets of geo points • Data export and reporting capability. 		
26	Open Source & Free Utilities	1. Autopsy - Digital Forensic Framework 2. Mobile and Cloud Data Gathering utilities 3. Image and Video Enhancement Utilities 4. Image Authentication 5. Live Forensics Imaging 6. Memory Forensics using Volatility Framework		
CDR Analysis System				
27	CDR Analysis Tool Installed on Forensic Workstations	Tool to process Data from Various Telecom Service provider to analyse associations, locations and behavior of mobile number in question.		

		Has a facility to import various formats of CDR's, IMEI Reports, Tower Data regardless of their company and format e.g. html, csv, xls, xlsx, txt, tab etc		
		<p>is able to produce following reports in CDR:</p> <ul style="list-style-type: none"> o Compiled CDR o Frequency Report o IMEI Report o Location Report o State Frequency Report o Country Frequency Report o Call Type Analysis o New No. Analysis o Target to Target Party o Common Between Multiple Cases o Conference Call o Circular Communication o Suspect List o First and Last call of the Day o Meeting Point o Day location o Night Location o Book Mark o Send to Google Earth 		
		<p>Is able to produce following reports in TDR:</p> <ul style="list-style-type: none"> o Common Party o Uncommon Party o Single Phone Multiple SIM o Single SIM Multiple Phone o Cross Tower Report o New Number Report o Frequency Report o CDR/TDR Match o Multiple calls between Tower to other Party o Suspect List o Multiple Tower used by Target o First and Last call of the Day o Plot on Google Earth o Target to Target 		
		<p>Has advance filtering & searching system. It should able to filter to</p> <ul style="list-style-type: none"> o Date wise o Time wise o Duration wise o A Party wise o B Party wise o State/Country/Day of week wise o Call type/IMEI Wise/IMSI/CelIID wise <p>1.Is able to search multiple items on single</p>		

		<p>search like Mobile number, IMEI, Cell ID, MSC Code, Search SDR, LRN search, Cell ID.</p> <p>2.Is able to import Database like Cell ID, Suspect Cell ID, Suspect Number, Suspect IMEI, LRN Codes, MSC Codes and Suspect List.</p> <p>3.Is able to produce standalone report which can be viewed without any license</p> <p>4.Support Google earth map for different reporting</p> <p>5.Has link analysis facility.</p> <p>6.Has Geo Fencing features for CDR calls as well as to identify installed towers in marked area.</p> <p>7.Has facility to export all the report in CSV, xls, html, PDF etc</p> <p>8.It exports all CDR reports in HTML/xls in one touch with summary linked to other reports</p> <p>9.Has facility to backup and restore of cases</p>		
Student and Instructor Workbench 16 Sets				
28	Student Workbench	Furniture - One Table and Two Chairs with Space to Place Workstaion & One LED Display with Networking and Power Cabling		
HD Projector with Screen - 1 Set				
29	Projector With Screen	One Hi Resolution HD Projector with Screen and HDMI Cabling		
UPS SYSTEM 2 Sets				
30	Online UPS	10 KVA UPS with 2 Hours of Backup each with 16 Battery 65 AH along with UPS wiring and network Cabling		
24 Port Gigabit Network Switch with Network Cabling - 1 Set				
31	Gigabit Network Switch	24 port Gigabit Switch with networking for student and instructor workstations		
Cooling System-8 Sets				
32	A.C. Machines	2 ton split A.C. machines of reputed brand of 3 Star or more rating, copper condenser, 5 years warranty on compressor and 1 year warranty on complete set. Stabilizer : 5 KVA wall hanging Copper transformer, 2 years warranty.		
33	Warranty Support	<ul style="list-style-type: none"> The workstations including all the Hardwares / Softwares incorporated in this workstation will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately. 		

34	Licensing Details	The License (if any) should be exclusively in the name of the user and the Certificate from OEM should be provided at the time of delivery/supply with date of validity. All the Hardwares / Softwares incorporated in this workstation will have original license for 5 years.		
35	Regular Updates/Patch management	All the Hardwares / Softwares incorporated in these workstations will be connected with single network system.		
36	Training/Installation	<ul style="list-style-type: none"> • Installation, Demonstration at the user site by the firm at free of cost. • Training for the period of 10 days at the user site free of cost. • Periodical trainings will be imparted free of cost as and when required. 		

ii. SOCIAL MEDIA ANALYSIS TOOL

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<p>1. It should have ability to collect and index data from social media streams, linked content and websites through APIs, webmail connectors and direct web navigation. Tool should aggregate data from these multiple sources in real time, in a highly scalable and case-centric manner.</p> <p>(i) Facebook (ii) Twitter (iii) Instagram (iv) You Tube (v) Tumblr (vi) Web pages & Websites (vii) Gmail (viii) Yahoo Mail (ix) Outlook.com (x) AOL Mail (xi) Internet Message Access Protocol (IMAP)</p> <p>2. Should perform broad, unified searches across multiple accounts, social media streams and websites from a single interface. Linked content is automatically indexed and searched through the tool fast-as user types search from one user interface. Results are aggregated for sorting, tagging and export consistent with standard e-Discovery, or investigative, workflow.</p> <p>3. MD5 hash values of individual items are calculated</p>		

<p>upon capture and maintained through export. Automated logging and reports generated. Key metadata unique to social media & web streams are captured through deep integration with APIs provided by the publisher. The metadata is important to establishing chain of custody and also provides key evidence relevant to the substantive case as well as authentication.</p> <p>4. Should maintain data in a searchable native format from collection through production, uniquely providing a complete platform to address social media in the same manner as devices, e-mail and e- documents. Deliver collected email in PST format while maintaining hierarchical structural.</p> <ul style="list-style-type: none"> • Any Software/ Firmware updates to be provided during the Warranty Period. • Bidder has to provide demonstration of the complete solutions at site. • Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources. • Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same. • Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India • Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder • Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product 			
License	<ul style="list-style-type: none"> • All the Hardwares / Softwares will be have original license for 5 years. 		
Training	<ul style="list-style-type: none"> • Installation, Demonstration at the user site by the firm at free of cost. • Training for the period of 5 days at the user site free of cost. • Periodical trainings will be imparted free of cost as and when required. 		
Warranty	<ul style="list-style-type: none"> • All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. • The cost of extended 2 years warranty will be mentioned separately. 		

iii. AUDIO / VIDEO FORENSIC AND CCTV ANALYSIS

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<p><u>Access the DVR Hard Drive</u> By accessing the surveillance DVR hard drive directly, Offered Tool should be able to bypass any system passwords and recover data from non-functioning systems.</p> <p><u>Detect and Identify the DVR Filesystem</u> Tool should be able to identify the proprietary DVR filesystem used by the surveillance system, which means you do not need to know the make or model of the DVR.</p> <p><u>Scan and Identify Video</u> Tool should scans the hard drive to identify recoverable clips. Users can easily sort or filter the clip list to identify the video you need.</p> <p><u>Preview and Locate the Incident</u> Easily watch the DVR video within Tool, eliminating any need for external DVR Players.</p> <p><u>Export and Recover Video</u> Tool should offer a forensically safe option for surveillance DVR data recovery. Queue exports of native or open video and save time with the included export report.</p> <p><u>Integrated Video Player</u> Tool should make it easy to view, analyze, and categorize videos in the integrated video player. Tool should overlay critical (and correct) metadata into the preview for Examiner. Should be able to easily save a still image or an openly playable video clip. Use tags to easily mark and locate video clips based on information that is important to the case.</p> <p><u>Motion Analytics</u> Tool should have Motion Analytics Engine enabling to easily identify which clips to review first based on motion activity. Receive a list of motion events and easily jump to the video that matters. Filter and sort video using the identified level of motion in each clip to highlight which video clips have the most action. Should have motion score to identify which clips have more motion activity relative to other clips.</p> <p><u>Inaccessible Video</u> Tool should have feature to recover video that is no longer accessible to the DVR. This allows Examiner to recover formatted, deleted, or partially overwritten video.</p> <p><u>Frame Level Timestamps</u> Tool should have ability to overlay critical metadata such as Channel and Date/Time during preview, allowing you to easily develop a timeline of events.</p> <p><u>Recording Types</u></p>		

Tool should identify the type of recording for a given video clip. This allows to easily identify clips that were triggered by motion or recorded on schedule.

Channel Name

Tool should recover the system defined channel name, giving insight into the area or view for each video clip.

Audio

Tool should have feature to recover recorded audio from the DVR.

Direct Hard Drive Access

By accessing the DVR hard drive (or forensic image) directly, Tool should identify and recover video significantly faster than manually exporting individual clips from the DVR itself.

Job Manager

Easily multi-task Tool should also Queue up multiple exports, view multiple previews at the same time, and begin reviewing video while the scan is still progressing.

Detailed Reporting

Save time and stop taking notes of every clip you export. Tool should includes a suite of detailed and configurable reports.

Multiple Formats

Should be able to export both playable AVIs and native files

Players Included

Tool should provide any necessary player to review the native exports.

Proprietary File System

Support for **100+ DVR Proprietary File Systems** including NVP_3000P filesystem, new variant of the STL filesystem, UWARE_264 filesystem, NAFS_264, Mirage_HiSi and Mirage_IVNET filesystems

Supported DVRs

Tool should support **1000+ DVR's**

Incompatible DVR/ File System

Tool should have facility to add Profiler of the unsupported DVR within the Software to add its support from OEM in future releases

Software Updates

Offered product should have at-least 4 Updates every year which should have new Features, File Systems, DVR's and Bug-fixes

Offered Tool should have continuous filesystem updates feature to download latest filesystems just like any Anti-Virus program

- Any Software/ Firmware updates to be provided during the Warranty Period.
- Bidder has to provide demonstration of the complete solutions at site.
- Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources.
- Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same.

	<ul style="list-style-type: none"> Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product 		
License	All the Hardwares / Softwares will be have original license for 5 years.		
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.		
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.		

iv. VIDEO ANALYSIS AND ENHANCEMENT TOOL

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<ul style="list-style-type: none"> ❖ Product should have capability to import video, image and audio files quickly and easily ❖ Product should have capability to batch import video sequences from VMSES like Milestone and numerous directly supported proprietary files ❖ Product should be able Convert analogue to digital ❖ Ability to connect to an IP camera to stream video into your investigation ❖ Capability to rapidly decode video using a unique combination of Windows codecs ❖ Product should have capability to capture from proprietary player using specially designed capture tool ❖ Ability to automatically analysis codec and encoding of a file type. ❖ Product should have capability to import multiple different sources of video simultaneously ❖ Product should have capability to add evidential metadata to you video like source, exhibit reference etc. ❖ Product should have capability to correct time anomalies by offsetting the time to the speaking clock. ❖ Ability to review key events frame by frame ❖ Ability to speed up video playback for rapid reviewing ❖ Jump from event to event automatically by playing all 		

	<p>events</p> <ul style="list-style-type: none"> ❖ Zoom in on key areas of the video to see objects clearer ❖ Bookmark key persons of interest and events quickly using tagging features ❖ Export your viewing log to excel, word or pdf ❖ Use frame by frame editing functions to create precise evidential packages ❖ Clarify images and video using contrast and brightness ❖ Apply multiple layered clarification techniques including Brightness & Contrast, Crop, Histogram Stretch, Histogram Equalize, Rotate, Mirror, Contrast stretch, Deinterlace, Noise removal, Sharpen, Scale filters ❖ Layer enhancement filters and view step by step the approaches taken ❖ Any Software/ Firmware updates to be provided during the Warranty Period. ❖ Bidder has to provide demonstration of the complete solutions at site. ❖ Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources. ❖ Indian Distributor/ Reseller/ Bidder should have installed at-least 5 units of the offered Product in at-least 5 different Central or State Government Organizations in India. Past Order copies to be attached for supporting the same. ❖ Indian Distributor/ Reseller/ Bidder should have a minimum 03 Years of existence in the field of Cyber/ Digital Forensics in India ❖ Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder ❖ Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product. 		
License	All the Hardwares / Softwares will be have original license for 5 years.		
Training	<p>Installation, Demonstration at the user site by the firm at free of cost.</p> <p>Training for the period of 5 days at the user site free of cost.</p> <p>Periodical trainings will be imparted free of cost as and when required.</p>		
Warranty	<p>All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period.</p> <p>The cost of extended 2 years warranty will be mentioned separately.</p>		

v. DATA RECOVERY FROM DAMAGED HARD DRIVERS:-

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<p>The instrument should be capable of performing the following actions</p> <ol style="list-style-type: none"> diagnose the HDD in technological mode verify and recover the HDD service area read-write Flash ROMs area load service information access program – LDR modify HDD heads configuration tables review defect tables (P-list, G-list, T-list, etc) hide found defects of magnetic surface recalculate (initialize) translator change configuration and identification parameters reset logs and S.M.A.R.T parameters watch and reset HDD passwords work with the Data extractor <p>SATA (Serial ATA) and ATA (IDE) interfaces for numerous hard disk vendors such as Seagate, Western digital, Fujitsu , Samsung, Maxtor, Quantum, IBM (HGST), HITACHII,TOSHIBA.</p> <p>Capacities of hard drives from (500MB to 3TB) and various form factors:3.5” – desktop drives ,2.5” and 1.8 “ - laptop drives and 1.0” –portable drives with compact Flash interfaces</p> <p>THE PC kit which include following types of controller, adapter and cables,</p> <ul style="list-style-type: none"> ❖ PC-3000 UDMA-E controller ❖ PC-USB PWR adapter ❖ PC-USB-TERMINAL adapter ❖ PC-2" adapter ❖ SATA-micro SATA adapter ❖ MX-SAFE adapter ❖ PC-FUJ.SATA adapter ❖ PC-QUANTUM adapter ❖ PC-SAMSUNG adapter ❖ PC-SEAG.SATA adapter ❖ PC-SEAGATE adapter ❖ PC-TOSH.SATA adapter ❖ PC-WD3.5" adapter ❖ PC-WD2.5" adapter ❖ ATCS, ATDA probe unlock ❖ USB 2.0 Defender cable ❖ SATA RAID edition (100 cm) cable ❖ UDMA80 (80 cm) flat cable ❖ IDC10 (30 cm) cable ❖ MX-SAFE power cable ❖ SATA HDD (100 cm) power cable ❖ PATA HDD (85 cm) power cable ❖ PATA-SATA (15 cm) power adapter ❖ PC-3000 UDMA software, resource database <p>FLASH MODULE</p> <p>hardware-software system intended for recovering data from all NAND based devices in such cases where there</p>		

is no access through the authorized drive interface:			
<ul style="list-style-type: none"> ❖ UFD (USB Flash Drive) ❖ SD (Secure Digital Card) ❖ CF (Compact Flash) ❖ micro SD (micro Secure Digital Card) ❖ MS (Memory Stick) ❖ Xd ❖ Monolithic Flash Devices ❖ MMC (Multi Media Card) ❖ Voice Recorder (dictaphone) ❖ iPhone 2G, 3G, 3GS (without hardware encryption) 			
License	All the Hardwares / Softwares will be have original license for 5 years.		
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.		
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.		

vi. CELL SITE ANALYSER:-

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
Operates on GSM frequency, No database dependent.		
Compact & Portable, Supports both 2G, 3G & 4G		
Fully Battery Operated		
Operates on Re-Chargeable LI Batteries with long back up time (in number of days)		
Fast, Accurate and Extracts More Tower IDs than what is feasible through regular mobile hand sets		
User / Operator need not be technically trained. Knowledge of use of mobile phones is sufficient		
Captured data is stored in non-volatile memories for re-use		
On board thermal printer to instantly print the hard copies of all captured tower IDs for record purposes		
Soft data of the Stored Tower ID can be up-loaded as files to a PC, can be sent to others through email		
Feasible to extract TOWER IDs at multiple locations and save them in on board flash memory with unique record IDs		
Extracts IDs of towers which are invisible to normal mobile hand sets		
Device is totally Battery Operated, Compact and Portable		
Inbuilt thermal printer to instantly print the hard copies of all captured tower IDs for record purposes		

Drastically reduces man hours on field for Tower-ID extraction at SOC			
Processor Speed - ARM 32bit Processor, 1200DMIPS			
Memory - 512 MB RAM, 1 GB on-board Data Memory, Optional - 4 GB to 32 GB data card			
RTC - Inbuilt			
Key Buzzer - In Built			
Key Board - 48 Key Dome Key Pad			
Display - 4.3" Colour LCD TFT			
Ports - USB Host Interface for pen drive			
GSM Interface - 2G & 3G networks supported, with inbuilt Antenna and upgradeable to 4G support			
GPS - GPS with inbuilt Antenna - 8 AH Internal LI Battery, 7.4 V -40 W External 230V AC Battery, Charger Adapter			
Status LEDs - Unit Power ON - Printer Error Status			
Printer - 2" Thermal Printer - Paper width 58 mm - Roll dia. 60 mm			
Enclosure - IP67 Compliant FRP enclosure - Dimensions in CM: 27 (L) x 24.6 (W) x 12.4 (H)			
Unit Weight - Approximately 2.5 Kg			
License	All the Hardwares / Softwares will be have original license for 5 years.		
Training	Installation, Demonstration at the user site by the firm at free of cost. Training for the period of 5 days at the user site free of cost. Periodical trainings will be imparted free of cost as and when required.		
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period. The cost of extended 2 years warranty will be mentioned separately.		

vii. PASSWORD DECRYPTION TOOL

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<ul style="list-style-type: none"> ❖ Password recovery for 280+ file types: MS Office, PDF, Zip and RAR, Quickbooks, FileMaker, Lotus Notes, Apple iTunes Backup, Mac OS X Keychain and many other popular applications. ❖ Cloud Data Acquisition: acquires backups and data from cloud services: Apple iCloud and iCloud Drive, MS OneDrive, and Dropbox. 		

	<ul style="list-style-type: none"> ❖ Hardware Acceleration: Accelerated password recovery with multiple computers, NVIDIA and AMD GPUs, Tableau Password Recovery and TACC, and Rainbow Tables. ❖ Linux Agent Ready: Run a portable Passware Kit Agent from a bootable Linux USB drive. ❖ Live Memory analysys: Analyzes live memory images, hibernation files and extracts encryption keys for FileVault2, TrueCrypt, VeraCrypt, BitLocker, logins for Windows & Mac accounts from memory images & hibernation files. ❖ Mobile Forensics: Recovers passwords for Apple iPhone/iPad and Android backups as well as Android images and extracts data from images on Windows phones. Integrated with the Oxygen Forensic Suite. ❖ Intelligent Detection: Detects all the encrypted files and hard disk images, reports encryption type and decryption complexity. ❖ Decryption of FDE: Decrypts or recovers passwords for BitLocker, FileVault2, TrueCrypt, VeraCrypt, LUKS, McAfee, Apple DMG, and PGP disk images. ❖ a network distributed password recovery worker which should run on Windows and Linux, 64- and 32-bit, should have linear performance scalability. ❖ Decryption for Apple File System (APFS) ❖ Password recovery for macOS High Sierra Keychains ❖ Faster GPU-accelerated password recovery for TrueCrypt and Zip ❖ Should come with 25 remote agent to utilize the idle hardware resources. 		
License	All the Hardwares / Softwares will be have original license for 5 years.		
Training	<p>Installation, Demonstration at the user site by the firm at free of cost.</p> <p>Training for the period of 5 days at the user site free of cost.</p> <p>Periodical trainings will be imparted free of cost as and when required.</p>		
Warranty	<p>All the Hardwares / Softwares incorporated in this item will be of 3 + 2 years of warranty. Besides, free up gradation will be done during the warranty period.</p> <p>The cost of extended 2 years warranty will be mentioned separately.</p>		

viii. HIGH END LAPTOP

Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
<ol style="list-style-type: none"> 1. Operating System:- Windows 10 Home (64-bit) 2. Processor:- 7th Gen Intel Core i7 or higher 3. RAM:- 16GB, DDR4, 2400MHz ; up to 32GB 4. Hard Disk:- 1 TB or above 5. SSD:- 256 GB or above. 6. Graphics:- 6 GB G DDR5 or above 		

<p>7. Screen Size:- 15.6 inch monitor or above. 8. Wireless:- IEEE 802.11 and Bluetooth 9. Ports:- 1 HDMI 2.0, 3 USB 3.0 including 1 with PowerShare 10. Multi card slot:- 3 in 1 Card Reader(SD, SDHC, SDXC) 11. Slots: 1 Noble lock slot, 1 2-in-1 SD (UHS50) / MMC, 1 RJ-45, 1 Headphone/Mic 12. Disk Drive:- CD/DVD Writer 13. Camera:- Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone 14. Carry bag 15. Additional USB wired Keyboard 16. Additional USB wired optical Mouse with its mousepad. 17. The computer should be a branded(not assembled) one, from companies like HP, Dell and Apple. 18. Reputed total security Anti Virus with 3 year subscription or above from companies like Quick Heal, Kaspersky, McAfee, etc. 19. With installation of latest version of Microsoft office. 20. Free upgradation and onsite warranty of software and hardware for three years or above. 21. Free installation at the user site.</p>			
License	All the Hardwares / Softwares will be have original license for 5 years.		
Warranty	All the Hardwares / Softwares incorporated in this item will be of 3 years of warranty.		

ix. PHOTO COPIER MACHINE WITH STABILIZER

Sl. No.	Specification		Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	<u>General</u> Warm up time	10 Seconds		
2.	First output speed	6.5 seconds		
3.	Continuous output speed	25		
4.	Memory	128 MB		
5.	Dimensions	(WxDxH) 586.8 x 568 x 528.5		
6.	Weight	47 Kg.		
7.	Power Source	220V-240V, 50/60Hz		
8.	<u>Paper Handling</u> Paper Input Capacity	Standard : 2 x 250 sheet paper trays, 100 sheet multi bypass tray		
9.	Maximum	1600 sheets		
10.	Recommended paper size	Paper tray(s) : A5-A3, Bypass tray : A6-A3		
11.	Paper Output Capacity	Maximum : 350 sheets		
12.	Paper Weight	Paper tray(s) : 60-105 g/2		
13.	Bypass tray	60-162 g/2		
14.	Duplex unit	64-90 g/2		
15.	Copier	Copying process laser beam scanning and electro photographic printing		
16.	Multiple copies	Up to 99 copies		
17.	Resolutions	600 dpi		

18.	Zoom From	50 to 200%		
19.	<u>Scanner</u> Scanner Type	Colour & BW		
20.	Scan Modes	Binary / Halftone / Grayscale / 8 Colors / Full Colors		
21.	Resolutions Maximum	600 dpi		
22.	Original Size	A3, A4, A5		
23.	Bundled Drivers	TWAIN, Network (Option)		
24.	<u>Printer</u> Printer Languages	GDI		
25.	Resolution	600 x 600 dpi		
26.	Interface Standard	USB 2.0		
27.	Option	Ethernet 10 base-T / 100 base- TX		
28.	Network protocol TCP/IP (IPv4), IPP			
29.	Supported Environments	Windows® XP / Vista / 7 / Server2003 / Server 2008 / Server 2008 R2 / Open SUSE (KDE & Gnome) / Ubuntu (Gnome) / Ubuntu (KDE)		
30.	<u>Ecology</u> Power consumption	Maximum ; 1,550 W		
31.	Ready mode	113 W		
32.	Sleep mode	0.6 W		
33.	TEC (Typical Electricity Consumption	892/1, 082 W/h		
34.	Options	Platen cover, ARDF, 1 x 500 sheet paper tray, 2 x 500 sheet paper tray, DDST option.		
35.	Warranty	1 year		

2. External Hard Disk :

Sl. No.	Specification	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	1 TB of reputed brand		
2.	warranty : Minimum 3 years		

3. Computer / peripheral for Handwriting Bureau

(i) High Speed and High Resolution Flatbed Document Scanner

Sl. No.	Parameter	Specification	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1	Scanner Speed	Minimum 50 PPM		
2	Duplex Scanning	Yes		
3	Duplex Scan Speed	100 IPM or More		
4	Integrated Flatbed	A3 Size		
5	Scan Technology	CCD		
6	Daily	5000 Pages or More		

	Recommended Volume			
7	Scan Resolution	Optical: Up to 600 dpi, Hardware up to 600 X 600dpi		
8	Multifeed Detection	Yes, Ultrasonic		
9	ADF Capacity	200 sheets or more of min 75 GSM		
10	Standard Connectivity	2.0 USB		
11	Minimum Paper Size (ADF)	70 X 148 mm		
12	Maximum Paper Size (ADF)	300 X 864 mm		
13	Warranty	Comprehensive OEM onsite warranty of 3 Years		
14	Output Format	PDF, JPEG, TIFF, BMP, TEXT, PNG, XML, UNICODE, WPD, XPS, HTM		

(ii) Desktop Computer

Sl. No.	Parameter	Specification	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	Processor	7th Generation Intel Core i5 Processor (3.0GHz) or Higher		
2.	Chipset	Intel compatible chipset		
3.	Motherboard	Motherboard make from the same Desktop OEM		
4.	Memory	8 GB 1600 MHz DDR4		
5.	Expandable to	Memory Expandable up to minimum 32 GB DDR4		
6.	Hard Disk	1TB (7,200 Rpm) Hard Drive		
7.	Monitor	19.5 inches with LED Backlight or higher		
8.	Ethernet	Integrated Gigabit (10/100/1000) NIC, Bluetooth & WiFi		
9.	Mouse	2 Button USB Optical Scroll Mouse (Same OEM)		
10.	Keyboard	104 Keys USB keyboard (Same OEM)		
11.	Optical Drive	Internal DVD R/W Drive		
12.	Graphics	Intel HD Graphics		
13.	Audio	Internal audio connector with Internal audio Speaker		
14.	I/O Ports	6 or more USB		
		1 Ethernet (RJ45)		
		1 VGA / 1 display port		
		1 Stereo line in/out/Universal Audio Port		
		HDMI 1 port		
15.	Operating System	Windows 10 Professional/Home Operating System		

(iii) Inkjet Printer

Sl. No.	Parameter	Specification	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	Printing Technology	Inkjet		
2.	Speed	20 PPM or more		
3.	Duplex	Automatic		
4.	Paper size	A4		
5.	USB	Support		
6.	Resolution	2400x1200 dpi or Better		
7.	Memory	128 MB or Higher		
8.	Input paper capacity	1x150 Sheets or More		
9.	Interface	USB, Network + Wi-fi		
10.	Warranty	3 years onsite		

(iv) On-line 3 KVA UPS

Sl. No.	Parameter	Specifications	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	Parameter	Specifications		
2.	UPS Capacity	3 KVA ON Line UPS		
3.	UPS Type	True On line Double Conversion Technology		
4.	UPS Technology	IGBT with PWM technology		
5.	Input Voltage	220V – 230V, Single Phase		
6.	Input Frequency Range	47 – 53 Hz		
7.	Input Power Factor	0.99		
8.	Output Voltage	230 V, Single Phase		
9.	Output Frequency	50 Hz +/- 1%		
10.	LCD Display	Graphical LCD for notice and alarm		
11.	Standard Communication Port	1 x USB ,1x RS232		
12.	ISO 9001 -2008 & ISO 14001	Product certification to be enclosed		
13.	Markings	UPS should be CE		
14.	Standard	BIS certified of the OEM		
15.	Battery	Sealed and Maintenance Free batteries should be provided (Lead Acid) – Make : Rocket/Quanta/Exide		
16.	Battery VAH Required	Total 2400 VAH minimum required		
17.	Back-up time	Minimum 30 mins		
18.	Generator compatible			
19.	Warranty	Warranty of 2 years (including battery)		

4. Refrigerator

Sl. No.	Specifications.	Whether offered product fulfils the detailed Technical Specifications, Kindly answer. Yes or No only	Offered specifications and details of deviations if any.
1.	Reputed brand having capacity-190 Ltrs. or above		
2.	Compressor type- Inverter compressor		
3.	Star rating- 5 star		
4.	Warranty- 10 years on compressor and one year overall warranty		
5.	Runs on inverter		
6.	Service facility : Different regions of Odisha		

FINANCIAL BID FORMAT
Tender Call Notice No.
Tender Document No.-VI

Name of the Item with make & model:

PART-I

1. Name and address of the Bidder.
2. Whether a manufacturer / Authorized Agent.
3. States in which Business run.
4. State from which material would be delivered if found successful in the bid.
5. GST Registration Number.
6. PAN :-
7. Annual Turnover of Previous Financial year.
8. Whether the above Registration Certificates are valid / suspended / cancelled at the time of filing tender.
9. Whether up to date returns under all Acts filed?

PART-II

1. Brand name of the item manufactured / traded: --
2. Basic unit Price: --
3. IGST @ -- %: --
4. OGST @ --- % --
5. CGST @ ---- % --
6. Freight / Transportation Charges:--
7. Loading and Unloading Charges:-
8. Any Other Charges before Delivery:-
9. Any other Charges including installation charges :-

-
10. Gross Price of the Unit to be considered
(Sum total of Sl.1 to 9 of Part-II above)
 11. Total Sum payable for supply of entire bid quantity.
(Mark NA against the Sl. Which is not applicable?)

PART-III

1. Terms & Conditions of Delivery
2. Terms and Conditions of Payment
3. Preference for mode of payment of "Performance Security" -

Seal & Signature of the Bidder