

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

1. Sealed tenders are invited from the Original Equipment Manufacturers (OEM) or their Authorized Agent for purchase of the following FSL equipment, Hardware & Software equipment and other articles to be purchased for Odisha Police State FSL, Bhubaneswar out of funds earmarked / available under MPF Schemes 2017-18 and 2018-19 and State Budget Grant 2018-19 during the Current Financial Year 2018-19.

SI No.	Name of the Item	Approximate Quantity
1.	Porn Detection Kit	01 No.
2.	Advanced Software & Hardware for data extraction and analysis from hard drives and mobile phones.	01 No.
3.	Advanced Software for Enhancement Authentication Analysis of Images.	01 No.
4.	12 Volt SMF Batteries for 80 KVA UPS	60 Nos.
5.	12 Volt Lead Acid Flat Battery for 10 KVA Home UPS	30 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:6.12.2018 at 10.00 AM to dtd:27.12.2018 upto 5.00 PM.**
4. Last date for receipt of sealed Tender on **dtd:28.12.2018 up to 5.00 PM.**
5. Date for opening of sealed Tenders / Technical Bids on **dtd.29.12.2018 at 11.30 AM** at the Office of the **Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar.**

**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 Original Equipment Manufacturers (OEM) or their Authorized Agent for purchase of FSL equipment, Hardware & Software equipment and other articles to be purchased for Odisha Police State FSL, Bhubaneswar out of funds earmarked / available under MPF Schemes 2017-18 and 2018-19 and State Budget Grant 2018 – 19 during the Current Financial Year 2018 -19 (List separately enclosed as Annexure-A).

SI No.	Name of the Item	Approximate Quantity
1	2	3
1.	Porn Detection Kit	01 No.
2.	Advanced Software & Hardware for data extraction and analysis from hard drives and mobile phones.	01 No.
3.	Advanced Software for Enhancement Authentication Analysis of Images.	01 No.
4.	12 Volt SMF Batteries for 80 KVA UPS	60 Nos.
5.	12 Volt Lead Acid Flat Battery for 10 KVA Home UPS	30 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:6.12.2018 at 10.00 AM.**
8. Last date of Issue of Tender document on **dtd:27.12.2018 up to 5.00 PM.**
9. Last date for receipt of sealed Tender on **dtd:28.12.2018 up to 5.00 PM.**
10. Date for opening of sealed Tenders / Technical Bids on **dtd:29.12.2018 at 11.30 AM** at the Office of the **Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar.**
11. The concerned bidders are required to depute their representatives to remain present during opening of the received Tenders / Technical Bids on **dtd:29.12.2018 at 11.30 AM** at the Office of the **Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar.**
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 34 pages.**

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

ANNEXURE-A

**APPROX. REQUIREMENT OF ITEMS TO BE PURCHASED UNDER MPF
SCHEME 2017-18 AND 2018-19 AND STATE BUDGET GRANT 2018 – 19
DURING THE CURRENT FINANCIAL YEAR, 2018-19.**

SI No.	Name of the Item	Approximate Quantity
1	2	3
1.	Porn Detection Kit	01 No.
2.	Advanced Software & Hardware for data extraction and analysis from hard drives and mobile phones.	01 No.
3.	Advanced Software for Enhancement Authentication Analysis of Images.	01 No.
4.	12 Volt SMF Batteries for 80 KVA UPS	60 Nos.
5.	12 Volt Lead Acid Flat Battery for 10 KVA Home UPS	30 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 / Authorized 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. **Bhubaneswar** 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-I 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 CONDITION OF THE CONTRACT
Short 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 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.

SI No.	Particulars of the Item	Approx. quantity	Technical Specification	EMD (In Rs.)
1	2	3	4	5
1.	Porn Detection Kit	01 No.	Annexure-B	3,000/-
2.	Advanced Software & Hardware for data extraction and analysis from hard drives and mobile phones.	01 No.	Annexure-B	20,000/-
3.	Advanced Software for Enhancement Authentication Analysis of Images.	01 No.	Annexure-B	3,000/-
4.	12 Volt SMF Batteries for 80 KVA UPS	60 Nos.	Annexure-B	14,400/-
5.	12 Volt Lead Acid Flat Battery for 10 KVA Home UPS	30 Nos.	Annexure-B	6,000/-

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.

	Name of the Authority & his address	Quantity
All items	Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar	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, commissioning and running of the tendered items after proper inspection within stipulated period and also for comprehensive performance warrantee of all the items from the date of supply/ installation are up to a period of 03 (three) years in respect of all the items as per Annexure-B of Tender document. Moreover in respect of items for which specific warrantee clause have been added and details specified in the Technical Specification as per Annexure 'B'. The firm has to provide the same and undertake to abide by it. 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. Notwithstanding 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 up to a period of 03 (three) years in respect of all items as per Annexure-B of Tender document. Moreover in respect of items for which specific warrantee clause have been added and details specified in the Technical Specification as per Annexure 'B'. The firm has to provide the same and undertake to abide by it.
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.

18. **SAMPLE / DEMONSTRATION / POWER POINT PRESENTATION:**

The firms need not submit sample along with their bid / offer but they shall demonstrate the quoted model(s) through Power Point Presentation as per Technical Specification for inspection / consideration by the Technical Committee during its meeting.

1.	Porn Detection Kit	01 No.
2.	Advanced Software & Hardware for data extraction and analysis from hard drives and mobile phones.	01 No.
3.	Advanced Software for Enhancement Authentication Analysis of Images.	01 No.
4.	12 Volt SMF Batteries for 80 KVA UPS	60 Nos.
5.	12 Volt Lead Acid Flat Battery for 10 KVA Home UPS	30 Nos.

Whoever does not give demonstration and power point presentation as per our above direction, their tender may be rejected.

19. 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.
20. 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.**
21. The equipment shall be conforming to the technical specifications as per Annexure-B
22. The bidder shall indicate make and model of quoted item in Tender Document No-V.

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

Seal and Signature of the bidder
(With Seal)

Signature of the Tender Calling Authority

ANNEXURE-B**SPECIAL CONDITIONS OF CONTRACT (REF SL. NO.3)**
TECHNICAL SPECIFICATIONS**1. PORN DETECTION KIT**

Sl No.	Description		Technical Specification
1.	General	:	The stick helps in automatically segregating the pornographic content from the entire hard disk data and mobile phone data, etc. By using this software much time will be saved on part of an expert to search the pornographic pictures from the image or video files in which the pornographic pictures are presents with other pictures in cyber cases. This software will automatically segregate the pornographic pictures only. So after that it will be easier on part of an expert to detect the particular pornographic picture which is required in that particular case to help the prosecution.
2.	General Specification	(a)	Should be designed to scan all images and videos on suspect computer for illicit images
		(b)	Should come in USB Stick easy to use without installation on the suspect system.
		(c)	It should be able to scan through files, deleted data, internet history, and zip files so there's no hiding improper activity.
		(d)	It should be able to perform unlimited scans on any compatible computer
		(e)	It should recover even if pictures and videos are deleted, they'll be recovered and scanned.
		(f)	Should be able to Scans computer hard drives, USB drives, or any other storage that mounts as a drive letter in Windows.
		(g)	Should Securely delete found images and video so they can't be recovered again
		(h)	Should Blurred picture viewer keep you from seeing unwanted pornography?
		(i)	Should able to Calculates hash values of acquired images
		(j)	Should Adds audit log
		(k)	Able Browse for chat logs manually
		(l)	It should not install service to remember computer
		(m)	It should Works on any storage media formatted as FAT or NTFS
2.	Must work on Systems Compatibility	:	Windows Vista, Windows 7, Windows 8 or Windows 10, 1.33 GHz Processor, 1 GB RAM, 200 MB Hard Drive Space.

3.	Portable Workstation		Technical Specification
(a)	Processor	(a)	7 th Generation Intel® Core™ i7-7700HQ Quad Core (6MB Cache, upto 3.8 GHz).
(b)	Memory	(b)	16GB, DDR4, 2400MHz; up to 32GB
(c)	Hard Drive	(c)	256GB PCIeNVMe M.2 Solid State Drive (Boot) + 1TB 5400RPM Hard Drive (Storage)
(d)	Video card	(d)	NVIDIA® GeForce® GTX 1060 with NVIDIA® Max Q Design technology, 6GB GDDR5 video memory
(e)	Operating system	(e)	Windows 10 Home Plus Single Language, English
(f)	Display	(f)	15.6-inch FHD (1920 x 1080) IPS Anti-Glare LED-Backlit Display.
(g)	Microsoft office	(g)	Microsoft®Office Home and Student
(h)	Keyboard	(h)	English Backlit Keyboard with Red Print
(i)	Wireless	(i)	802.11ac + Bluetooth 4.2, Dual Band 2.4&5 GHz, 2x2
(j)	Primary battery	(j)	56 Whr, 4-Cell Battery (Integrated) with Quick Charge
(k)	Ports	(k)	1 x HDMI 2.0, 3 x Super Speed USB 3.1 Gen 1 Type-A including one with Power Share, 1 x Thunderbolt™ 3 Port (USB 3.1 Gen 2 Type-C™ with support for 40 Gbps Thunderbolt and Display Port)
(l)	Slots	(l)	1 x Noble lock slot, 1 x 2-in-1 SD (UHS50) / MMC, 1 x RJ-45, 1 x Headphone/Mic
(m)	Camera	(m)	Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone
(n)	Audio and speakers		2 x tuned speakers; audio processing by Waves Maxx Audio® Pro1 x combo headphone / microphone jack
(o)	A/C Adapter	:	130 Watt A/C Adapter when equipped with NVIDIA ^(R) GeForce ^(R) GTX 1050 and 1050 Ti and 180 Watt Adapter when equipped with NVIDIA ^(R) GeForce ^(R) GTX 1060
(p)			The portable workstation should be from branded one.
(q)			It should come with back pack
4.	Warranty		<ol style="list-style-type: none"> 1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares.
5.	Training		Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product at least for 15days at users site free of cost.

3. **ADVANCED SOFTWARE & HARDWARE FOR DATA EXTRACTION AND ANALYSIS FROM HARD DRIVES AND MOBILE PHONES.**

Sl No.	Description		Technical Specification	Remarks
1.	General Specification	1.	Create images, process a wide range of data types from forensic images to email archives, analyse the registry, conduct an investigation, decrypt files, crack passwords, and build a report all with a single solution.	
		2.	Database driven so that work associated with memory-based tools is not lost in the event of a GUI crash. Compartmentalized components allowing the processing workers to continue processing data without interruption	
		3.	Apple DMG and DD_DMG disk image support	
		4.	JSON file support	
		5.	Recover passwords from 100+ applications.	
		6.	Decrypt Credant, safe boot, Utimaco, SafeGuard Enterprise and Easy, EFS, PGP, Guardian Edge, Pointsec and S/MIME.	
		7.	View e-mail details Graphically.	
		8.	KFF hash library with 45 million hashes.	
		9.	Advanced, automated analysis without the scripting.	
		10.	True multi-threaded / multi-core support.	
		11.	Cancel/Pause/Resume functionality	
		12.	CPU resource throttling	
		13.	Email notification upon processing completion	
		14.	Advanced data carving engine allows you to specify criteria, such as file size, data type and pixel size to reduce the amount of irrelevant data carved while increasing overall thoroughness.	
		15.	Create, import and export reusable processing profiles with pre-defined processing options for different investigative needs.	
		16.	Support for 700+ image, archive and file types	
		17.	Notes NSF, Outlook PST/OST, Exchange EDB, Outlook Express DBX, Eudora, EML (Microsoft Internet Mail, Earthlink, Thunderbird, Quickmail, etc.), Netscape, AOL and RFC 833.	
		18.	Process and analyze DMG (compressed and uncompressed), Ext4, exFAT, VxFS (Veritas File System), Microsoft VHD (Microsoft Virtual Hard Disk), Blackberry IPD backup files, Android YAFFS / YAFFS 2 and many more.	
		19.	Create and process Advanced Forensic Format (AFF) images.	
		20.	Supports Windows® (32- and 64-bit), Apple®, UNIX® and Linux® operating systems.	

		21	Enumerate all running processes, including those hidden by root kits, and display associated DLLs, network sockets and handles in context.	
		22	Dump a process and associated DLLs for further analysis in third-party tools.	
		23	Memory string search allows you to identify hits in memory and automatically map them back to a given process, DLL or piece of unallocated space and dump the corresponding item.	
		24	Explicit Image Detection auto-identifies potentially pornographic images by analysing shapes, orientation and flesh tones.	
		25	Provides VAD tree analysis and exposes registry artifacts in memory and will parse and display handle information from memory.	
		26	Internet / Chat tab	
		27	Advanced Google Chrome analysis	
		28	50+ Internet, Chat, P2P and online game carvers to automatically expose this critical evidence during processing	
		29	Video thumbnails	
		30	Generate Reports in CSV, HTML, PDF, XML, RTF.	
		31	Any Software/ Firmware updates to be provided during the warranty Period.	
		32	Bidder has to provide demonstration of the complete solutions at site.	
		33	Product Offered should be of International Repute & Brand and should not be customised/ assembled Product from various sources.	
		34	Indian Distributor/ Reseller/ Bidder should have installed at-least 10 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.	
		35	Tender Specific Authorisation Certificate from OEM is Mandatory to participate in Tender in favour of Indian Distributor/ Reseller/ Bidder	
		36	Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product at least for 15days on free of cost.	
		37	1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares.	
2.	Licensing		The software should have original licensing in favour of users by designation i.e. Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar with dongle license / key for operator. The software can be loaded in	

			Workstation / Laptop (as per advice of User).	
3.	Workstation		Technical Specification	
	Processor:	1	Intel® Xeon® E5 1600 v4 processor, six core, 3.6GHz	
	Operating System	2	Windows 10 Pro 64	
	Graphics	3	NVIDIA Quadro	
	Network Interface	4	Integrated Intel® I218LM PCIeGbE	
	Ports	5	4 USB 3.0; 1 microphone; 1 headset, 2 USB 2.0; 2 PS/2; 1 RJ-45; 1 audio line in; 1 audio line out	
	Expansion slots	6	2 PCIe Gen3 x16; 1 PCIe Gen3 x8 (open-ended); 1 PCIe Gen2 x4 (open-ended); 1 PCIe Gen2 x1 (open-ended); 1 PCI	
	Memory	7	16 GB DDR4-2400 SDRAM (2 x 8 GB)	
	Drives	8	Internal drive bays: Four 8.89 cm (3.5), External drive bays: Two 13.34 cm (5.25); One slim ODD, Hard drive description: 2 TB 7200 rpm SATA. Optical drive: DVD-Writer, Storage type: HDD, Storage controller: Integrated SATA 6.0 Gb/s; LSI MegaRAID® 9270-8i SAS 6.0 Gb/s ROC RAID Card and iBBU09 Battery Backup Unit (optional); LSI 9217-4i4e 8-port SAS 6.0 Gb/s RAID (optional); Factory integrated RAID available for SATA/SAS drives (RAID 0, 0 Data, 1, and 10); Factory integrated RAID available for PCIe SSDs (RAID 0 Data)	
	Pointing Devices	9	USB Hardened Mouse	
	Keyboard	10	Key Board: USB Keyboard	
	Audio	11	Integrated Realtek HD ALC221	
	Services	12	5 years of next business day onsite free repair.	
	Accessories	13.	8GB (1x8 GB) DDR-2133 ECC Registered RAM J9P82AA; Z440 Memory Cooling Solution J2R52AA; Z440 Fan and Front Card Guide J9P80AA; Thunderbolt-2 PCIe 1-port I/O Card F3F43AA; Z Turbo Drive 256 GB PCIe SSD G3G88AA; Z Display Z24i 60.96 cm(24) IPS LED Backlit Monitor D7P53A8	
		14	The workstation should be branded one.	
4.	Warranty	:	<ol style="list-style-type: none"> 1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares. 	

3. SOFTWARE FOR ENHANCEMENT, AUTHENTICATION, ANALYSIS OF IMAGES

Sl No.	Description		Technical Specification
(A)	Software	1.	Should be able to enhance, authenticate and analyse video / images and having following minimum features.
		2.	Capable to load / play different standard of video formats, such as .avi, .WMA, mp4, 3gp, .ASF, MOV, FLV, H264, etc.
		3.	Capable to play frame by frame and also capable to extract selected / frames.
		4.	Able to recover lost details of images, remove out of focus blur, remove motion blur, repair old photos, increase resolution.
		5.	Having different filters / tools to enhance the quality of video.
		6.	Capable to display / visualise video / audio signals simultaneously.
		7.	Extract the desired / whole audio signal from the video and also capable to enhance audio signal.
		8.	Having the facility to enhance the selected frame(s) of the video.
		9.	Having the facility for magnifying the audio signal.
		10.	The software having facility for converting all major video formats into .avi (Audio Video Interleaved) formats.
		11.	The software should be of latest full lifetime version and compatible with Windows 10 or latest along with original licence Disk and Key.
		12.	Free installation, demonstration and training at user's site. The vendor must provide operational training to the Scientists for a period of atleast one week and also provide online / offline technical support as and when required within the warranty period.
		13.	Free upgradation and onsite warranty of the software for three years from date of installation.
(B)	Mobile Workstation	:	
	Operating System	1.	Windows 10 Home (64-bit) or latest with windows recovery disk.
	Processor	2.	7th Gen Intel Core i7 or higher.
	RAM	3.	16 GB DDR4,2400MHz ; up to 32GB
	Hard Disk	4.	1 TB or above
	SSD	5.	256 GB or above.
	Graphics	6.	6 GB GDDR5 or above
	Monitor Screen Size	7.	15.6 inch monitor or above with branded screen guard.
	Wireless	8.	IEEE 802.11 and Bluetooth
	Ports	9.	1 HDMI 2.0, 3 USB 3.0 including 1 with Power Share or above.

	Slots	10.	1 Noble lock slot, 1 2-in-1 SD (UHS50) / MMC, 1 RJ-45, 1 Headphone/Mic
	Camera	11.	Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone
	Optical Drive	12.	CD/DVD Writer
	Keyboard	13.	Additional wired laptop keyboard from reputed brand like HP, Dell and Apple.
	Mouse	14.	Additional wired optical mouse with mouse pad from reputed brand like HP, Dell and Apple.
	Make	15	The Laptop should be a branded (not assembled) one from companies like HP, Dell and Apple alongwith its branded carry bag and accessories like branded power cables and silicon keyboard guard..
	Anti Virus	16	Reputed Total security Anti Virus with 3 year subscription or above from reputed companies like Quick Heal, Kaspersky and McAfee with original disk and licence key.
	Installation	18.	With installation of latest version of Microsoft office and Adobe Acrobat Pro DC with original disk and license key.
	Warranty	19.	Free upgradation and onsite warranty of software and hardware for three years or above.
	Installation	20.	Free installation at the user site.

4. **BATTERIES OF 80 KVA UPS**

Sl No.	Technical specification		
1	2		3
1.	Volt	:	12V
2.	AH	:	100 AH
3.	Type	:	SMF
4.	Rating	:	C-20
5.	Warranty	:	Three years

5. **BATTERIES OF 10 KVA HOME UPS**

Sl No.	Technical specification		
1	2		3
1.	Volt	:	12V
2.	AH	:	100 AH
3.	Type	:	Lead Acid Flt Battery
4.	Rating	:	C-20
5.	Warranty	:	Three years

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

1. Name
Full Address.
Fax No.
Telephone No.
E-mail of the firm.
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 and Tel. Nos.

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)	
			Yes / No	Page ref
1	2	3	4	
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	Page Ref.

Signature and Seal of Bidder.

TECHNICAL BID FORMAT
Tender Call Notice No.
Tender Document No.-V

Sl. No.	<u>Name of the Equipments</u>		Whether offered product fulfils the detailed Technical Specifications. Kindly answer Yes or No only.	Offered specifications and details of deviations if any. (Separate paper indicating details in case of major deviations to be attached)
1.	<u>PORN DETECTION KIT</u>			
	DESCRIPTION	TECHNICAL SPECIFICATION		
1.	General	The stick helps in automatically segregating the pornographic content from the entire hard disk data and mobile phone data, etc. By using this software much time will be saved on part of an expert to search the pornographic pictures from the image or video files in which the pornographic pictures are presents with other pictures in cyber cases. This software will automatically segregate the pornographic pictures only. So after that it will be easier on part of an expert to detect the particular pornographic picture which is required in that particular case to help the prosecution.		
2.	General Specification	Should be designed to scan all images and videos on suspect computer for illicit images		
		Should come in USB Stick easy to use without installation on the suspect system.		
		It should be able to scan through files, deleted data, internet history, and zip files so there's no hiding improper activity.		
		It should be able to perform unlimited scans on any compatible computer		
		It should recover even if pictures and videos are deleted, they'll be		

		recovered and scanned.		
		Should be able to Scans computer hard drives, USB drives, or any other storage that mounts as a drive letter in Windows.		
		Should Securely delete found images and video so they can't be recovered again		
		Should Blurred picture viewer keeps you from seeing unwanted pornography.		
		Should able to Calculates hash values of acquired images		
		Should Adds audit log		
		Able Browse for chat logs manually		
		It should not install service to remember computer		
		It should Works on any storage media formatted as FAT or NTFS		
2.	Must work on Systems Compatibility	Windows Vista, Windows 7, Windows 8 or Windows 10, 1.33 GHz Processor, 1 GB RAM, 200 MB Hard Drive Space.		
3.	Portable Workstation	Technical Specification		
(a)	Processor	7 th Generation Intel® Core™ i7-7700HQ Quad Core (6MB Cache, upto 3.8 GHz).		
(b)	Memory	16GB, DDR4, 2400MHz; up to 32GB		
(c)	Hard Drive	256GB PCIeNVMe M.2 Solid State Drive (Boot) + 1TB 5400RPM Hard Drive (Storage)		
(d)	Video card	NVIDIA® GeForce® GTX 1060 with NVIDIA® Max Q Design technology, 6GB GDDR5 video memory		
(e)	Operating system	Windows 10 Home Plus Single Language, English		
(f)	Display	15.6-inch FHD (1920 x 1080) IPS Anti-Glare LED-Backlit Display.		
(g)	Microsoft office	Microsoft®Office Home and Student		
(h)	Keyboard	English Backlit Keyboard with Red Print		
(i)	Wireless	802.11ac + Bluetooth 4.2, Dual Band 2.4&5 GHz, 2x2		
(j)	Primary battery	56 Whr, 4-Cell Battery (Integrated)		

		with Quick Charge		
(k)	Ports	1 x HDMI 2.0, 3 x SuperSpeed USB 3.1 Gen 1 Type-A including one with PowerShare, 1 x Thunderbolt™ 3 Port (USB 3.1 Gen 2 Type-C™ with support for 40 Gbps Thunderbolt and DisplayPort)		
(l)	Slots	1 x Noble lock slot, 1 x 2-in-1 SD (UHS50) / MMC, 1 x RJ-45, 1 x Headphone/Mic		
(m)	Camera	Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone		
(n)	Audio and speakers	2 x tuned speakers; audio processing by Waves Maxx Audio® Pro1 x combo headphone / microphone jack		
(o)	A/C Adapter	130 Watt A/C Adapter when equipped with NVIDIA ^(R) GeForce ^(R) GTX 1050 and 1050 Ti and 180 Watt Adapter when equipped with NVIDIA ^(R) GeForce ^(R) GTX 1060		
(p)		The portable workstation should be from branded one.		
(q)		It should come with back pack		
4.	Warranty	<ol style="list-style-type: none"> 1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares. 		
5.	Training	Indian Distributor/ Reseller/ Bidder should have Digital Forensic trained Manpower for Installation and Training of the Product at least for 15days at users site free of cost.		
2.	<u>ADVANCED SOFTWARE & HARDWARE FOR DATA EXTRACTION AND ANALYSIS FROM HARD DRIVES AND MOBILE PHONES.</u>			
	DESCRIPTION	TECHNICAL SPECIFICATION		
1.	General Specification	Create images, process a wide range of data types from forensic images to email archives, analyse the registry, conduct an investigation, decrypt files, crack		

		passwords, and build a report all with a single solution.		
		Database driven so that work associated with memory-based tools is not lost in the event of a GUI crash. Compartmentalized components allowing the processing workers to continue processing data without interruption		
		Apple DMG and DD_DMG disk image support		
		JSON file support		
		Recover passwords from 100+ applications.		
		Decrypt Credant, safe boot, Utimaco, SafeGuard Enterprise and Easy, EFS, PGP, Guardian Edge, Pointsec and S/MIME.		
		View e-mail details Graphically.		
		KFF hash library with 45 million hashes.		
		Advanced, automated analysis without the scripting.		
		True multi-threaded / multi-core support.		
		Cancel/Pause/Resume functionality		
		CPU resource throttling		
		Email notification upon processing completion		
		Advanced data carving engine allows you to specify criteria, such as file size, data type and pixel size to reduce the amount of irrelevant data carved while increasing overall thoroughness.		
		Create, import and export reusable processing profiles with pre-defined processing options for different investigative needs.		
		Support for 700+ image, archive and file types		
		Notes NSF, Outlook PST/OST, Exchange EDB, Outlook Express DBX, Eudora, EML (Microsoft Internet Mail, Earthlink, Thunderbird, Quickmail, etc.),		

		Netscape, AOL and RFC 833.		
		Process and analyze DMG (compressed and uncompressed), Ext4, exFAT, VxFS (Veritas File System), Microsoft VHD (Microsoft Virtual Hard Disk), Blackberry IPD backup files, Android YAFFS / YAFFS 2 and many more.		
		Create and process Advanced Forensic Format (AFF) images.		
		Supports Windows® (32- and 64-bit), Apple®, UNIX® and Linux® operating systems.		
		Enumerate all running processes, including those hidden by root kits, and display associated DLLs, network sockets and handles in context.		
		Dump a process and associated DLLs for further analysis in third-party tools.		
		Memory string search allows you to identify hits in memory and automatically map them back to a given process, DLL or piece of unallocated space and dump the corresponding item.		
		Explicit Image Detection auto-identifies potentially pornographic images by analysing shapes, orientation and flesh tones.		
		Provides VAD tree analysis and exposes registry artifacts in memory and will parse and display handle information from memory.		
		Internet / Chat tab		
		Advanced Google Chrome analysis		
		50+ Internet, Chat, P2P and online game carvers to automatically expose this critical evidence during processing		
		Video thumbnails		
		Generate Reports in CSV, HTML, PDF, XML, RTF.		
		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 10 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.		
		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 at least for 15days on free of cost.		
		<ol style="list-style-type: none"> 1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares. 		
2.	Licensing	The software should have original licensing in favour of users by designation i.e. Director, State Forensic Science Laboratory, Rasulgarh, Bhubaneswar with dongle license / key for operator. The software can be loaded in Workstation / Laptop (as per advice of User).		
3.	Workstation	Technical Specification		
	Processor:	Intel® Xeon® E5 1600 v4 processor, six core, 3.6GHz		
	Operating System	Windows 10 Pro 64		
	Graphics	NVIDIA Quadro		
	Network Interface	Integrated Intel® I218LM PCIeGbE		
	Ports	4 USB 3.0; 1 microphone; 1 headset, 2 USB 2.0; 2 PS/2; 1 RJ-		

		45; 1 audio line in; 1 audio line out		
	Expansion slots	2 PCIe Gen3 x16; 1 PCIe Gen3 x8 (open-ended); 1 PCIe Gen2 x4 (open-ended); 1 PCIe Gen2 x1 (open-ended); 1 PCI		
	Memory	16 GB DDR4-2400 SDRAM (2 x 8 GB)		
	Drives	Internal drive bays: Four 8.89 cm (3.5), External drive bays: Two 13.34 cm (5.25); One slim ODD, Hard drive description: 2 TB 7200 rpm SATA. Optical drive: DVD-Writer, Storage type: HDD, Storage controller: Integrated SATA 6.0 Gb/s; LSI MegaRAID® 9270-8i SAS 6.0 Gb/s ROC RAID Card and iBBU09 Battery Backup Unit (optional); LSI 9217-4i4e 8-port SAS 6.0 Gb/s RAID (optional); Factory integrated RAID available for SATA/SAS drives (RAID 0, 0 Data, 1, and 10); Factory integrated RAID available for PCIe SSDs (RAID 0 Data)		
	Poynting Devices	USB Hardened Mouse		
	Keyboard	Key Board: USB Keyboard		
	Audio	Integrated Realtek HD ALC221		
	Services	5 years of next business day onsite free repair.		
	Accessories	8GB (1x8 GB) DDR-2133 ECC Registered RAM J9P82AA; Z440 Memory Cooling Solution J2R52AA; Z440 Fan and Front Card Guide J9P80AA; Thunderbolt-2 PCIe 1-port I/O Card F3F43AA; Z Turbo Drive 256 GB PCIe SSD G3G88AA; Z Display Z24i 60.96 cm(24) IPS LED Backlit Monitor D7P53A8		
		The workstation should be branded one.		
4.	Warranty	<ol style="list-style-type: none"> 1. Three Years comprehensive warranty from the date of installation for all hardwares. 2. Three years of free Upgradation and onsite warranty for the softwares. 		

3.	<u>SOFTWARE FOR ENHANCEMENT, AUTHENTICATION, ANALYSIS OF IMAGES</u>			
	DESCRIPTION	TECHNICAL SPECIFICATION		
(A)	Software	Should be able to enhance, authenticate and analyse video / images and having following minimum features.		
		Capable to load / play different standard of video formats, such as .avi, .WMA, mp4, 3gp, .ASF, MOV, FLV, H264, etc.		
		Capable to play frame by frame and also capable to extract selected / frames.		
		Able to recover lost details of images, remove out of focus blur, remove motion blur, repair old photos, increase resolution.		
		Having different filters / tools to enhance the quality of video.		
		Capable to display / visualise video / audio signals simultaneously.		
		Extract the desired / whole audio signal from the video and also capable to enhance audio signal.		
		Having the facility to enhance the selected frame(s) of the video.		
		Having the facility for magnifying the audio signal.		
		The software having facility for converting all major video formats into .avi (Audio Video Interleaved) formats.		
		The software should be of latest full lifetime version and compatible with Windows 10 or latest along with original licence Disk and Key.		
		Free installation, demonstration and training at user's site. The vendor must provide operational training to the Scientists for a period of atleast one week and also provide online / offline technical support as and when required within the warranty period.		
		Free upgradation and onsite warranty of the software for three years from date of installation.		

(B)	Mobile Workstation			
	Operating System	Windows 10 Home (64-bit) or latest with windows recovery disk.		
	Processor	7th Gen Intel Core i7 or higher.		
	RAM	16 GB DDR4,2400MHz ; up to 32GB		
	Hard Disk	1 TB or above		
	SSD	256 GB or above.		
	Graphics	6 GB GDDR5 or above		
	Monitor Screen Size	15.6 inch monitor or above with branded screen guard.		
	Wireless	IEEE 802.11 and Bluetooth		
	Ports	1 HDMI 2.0, 3 USB 3.0 including 1 with Power Share or above.		
	Slots	1 Noble lock slot, 1 2-in-1 SD (UHS50) / MMC, 1 RJ-45, 1 Headphone/Mic		
	Camera	Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone		
	Optical Drive	CD/DVD Writer		
	Keyboard	Additional wired laptop keyboard from reputed brand like HP, Dell and Apple.		
	Mouse	Additional wired optical mouse with mouse pad from reputed brand like HP, Dell and Apple.		
	Make	The Laptop should be a branded (not assembled) one from companies like HP, Dell and Apple alongwith its branded carry bag and accessories like branded power cables and silicon keyboard guard..		
	Anti Virus	Reputed Total security Anti Virus with 3 year subscription or above from reputed companies like Quick Heal, Kaspersky and McAfee with original disk and licence key.		
	Installation	With installation of latest version of Microsoft office and Adobe Acrobat Pro DC with original disk and license key.		
	Warranty	Free upgradation and onsite warranty of software and hardware for three years or above.		
	Installation	Free installation at the user site.		

4.	<u>BATTERIES OF 80 KVA UPS</u>			
	DESCRIPTION	TECHNICAL SPECIFICATION		
1.	Volt	12V		
2.	AH	100 AH		
3.	Type	SMF		
4.	Rating	C-20		
5.	Warranty	Three years		
6.	Less Scrap Battery (Buy-back)			
5.	<u>BATTERIES OF 10 KVA HOME UPS</u>			
	DESCRIPTION	TECHNICAL SPECIFICATION		
1.	Volt	12V		
2.	AH	100 AH		
3.	Type	Lead Acid Flt Battery		
4.	Rating	C-20		
5.	Warranty	Three years		
6.	Less Scrap Battery (Buy-back)			

Signature and Seal of Bidder.

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 :-

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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