

ज्ञापांक 3374 / आपूर्ति
35-01-12-2015

पुलिस महानिदेशक का कार्यालय, बिहार, पटना।

पटना, दिनांक- 13-8-15

सेवा में,

निदेशक,
सूचना एवं जनसम्पर्क विभाग,
बिहार, पटना।

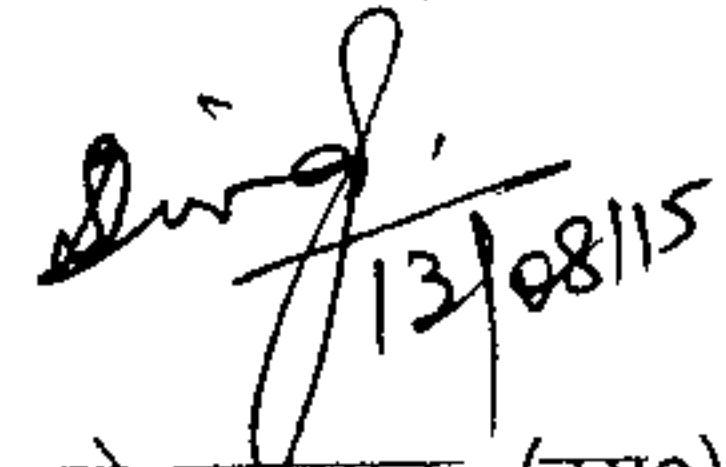
विषय-

निविदा आमंत्रण सूचना सं०-21/2015-16 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में निविदा आमंत्रण सूचना सं०-21/2015-16 की पाँच प्रतियाँ (सी०डी० सहित) संलग्न करते हुए अनुरोध है कि इसे राज्य एवं राज्य से बाहर के प्रमुख समाचार पत्रों में (अंग्रेजी एवं हिन्दी) के अगले दो संस्करणों में प्रकाशित कराने की कृपा की जाय साथ ही पी०आर०डी० वेबसाइट पर भी प्रसारित करने की कृपा की जाय।

इस निविदा आमंत्रण सूचना का प्रकाशन किन-किन समाचार पत्रों में किया गया इसकी सूचना देने की कृपा की जाय।

अनु०-यथोपरि।


13/08/15

पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना।

प्रतिलिपि:- आई०टी० मैनेजर, पुलिस महानिदेशक का कार्यालय, बिहार, पटना को कृपया सूचनार्थ। कृपया इसे आज ही वेबसाइट पर अपलोड किया जाय।

Police Headquarters, Bihar, Patna
Notice Inviting Tender No.21/2015-16

Name of the Department : Office of Director General of Police, Bihar, Patna.

Last date & time for the acceptance of the Re-tender : 18/09/2015, Till 11.00 HRS.

Date & time fixed for the opening of the Re-tender : 18/09/2015 At 11.00 HRS.

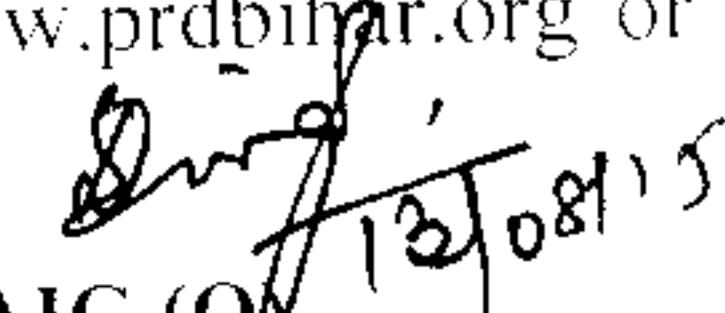
Place fixed for receiving & opening the tender : Office of Director General of Police, Bihar, Patna.

Details of Job :

S.N.	Item name	Quantity
1	Forensic and cyber crime investigation laboratory with all equipments and software.	01

S.N.	Components	Quantity
1	High End Forensic Work Station .	02
2	Integrated Disk Forensic Software (EnCase or any reputed Software) with certified training for 4 personnel with certification.	02
3	Data Recovery and Analysis Software (Forensic Tool Kit (FTK5) or any reputed Software).	02
4	High Speed Forensic Disk Imaging/ Duplication Device.	01
5	External Write Blocking kit.	02
6	Portable Field Forensic Cyber Kit.	01
7	Password Recovery Bundle.	01
8	Steganography Detection and Analysis System.	01
9	Malware Identification and Forensic system.	01
10	Field Data Acquisition Portable Kit.	01
11	CDR Analysis, Advance Link Analysis, Crime Database Management System with server 4 client license of call data normalization and analysis solution.	01
12	Device for Forensic Extraction of Data from SIM/Cell phones and GPS device.	01
13	24 port Gigabit Network Switch (D-link, Cisci/Netgear etc. or of any reputed brand)	01
14	External Hard Disk 1 TB and 2 TB (Set of both of any reputed brand)	05
15	UPS 10 KVA with 1 Hour backup (ACP, Luminous or any reputed Brand).	01

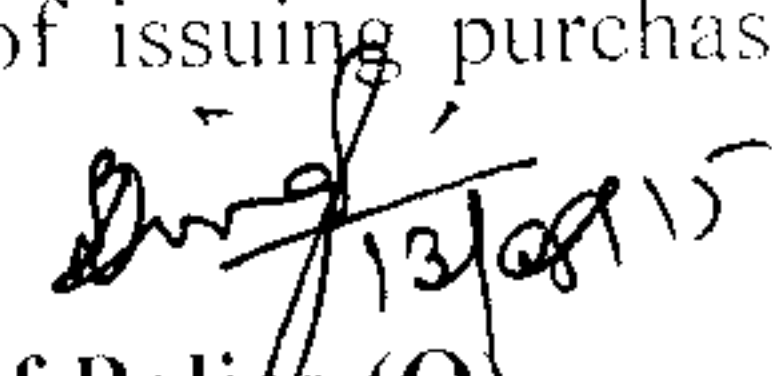
Specifications and other terms & conditions of the tender may be obtained in person from this office or may be downloaded from the website www.prdbihar.org or www.biharpolice.bih.nic.in.


 AIG (Q) 13/08/15
 Bihar, Patna

Terms & Conditions Of Tender No, 21/2015-16

1. Tender of the firm will be accepted only on the condition that if their tenders are approved, the firm shall get registered with the Commercial Tax Department, Bihar, before the purchase order is issued.
2. The tender should be submitted in two parts : (i) Technical Bid and (ii) Financial Bid, duly sealed in two separate envelopes super-scribed as "Technical Bid" and "Financial Bid".
3. All relevant papers/certificates/specifications etc. of items should be enclosed in the Technical Bid.
4. The rates of the items shall be quoted in the Financial Bid only.
5. All charges like BST/CST/Service Tax /VAT etc. shall be clearly mentioned in the Financial Bid and the net rate (in figures and words) including all taxes and duties must also be quoted. Vague offers like indicating taxes "as applicable" will not be accepted.
6. The rates of the items shall be quoted in the Financial Bid in two parts : (i) With AMC (Annual Maintenance Contract) and (ii) Without AMC
7. There should be no cutting, over writing or correction on the rates.
8. The technical and financial bids for each item should be submitted separately in separate envelopes. The technical and financial bids for more than one items submitted together in the same envelope shall not be accepted.
9. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.
10. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked Tender No.21/2015-16 (Technical Bid) and Tender No.21/15-16 (Financial Bid) along with the name and address of the firm.
The sealed envelopes containing the technical and the financial bids should be sent in another sealed envelope which should be marked as Tender No.21/2015-16. This envelope should not bear the name and address of the firm.
11. Up-to-date Income Tax Returns, Turn Over of last three financial years and a photocopy of PAN of the participating firm should be submitted with the technical bid. It should be specifically mentioned whether IT return has been filed manually or electronically.
12. The turn over of the firm for the 2014-15 financial year should be at least double the amount of the supply order which is being issued. A copy of the profit and loss Account of the firm for the 2014-15 financial year, certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorized dealer or authorized supplier of manufacturing firm, then the certified details of the turnover of authorizing firm may be accepted.
13. If there is some discount in the price of any item, it should be deducted from price itself and should not be quoted separately.
14. If the product is available on DGS & D rate contract, then a copy of the contract must be attached and pricing be done including all taxes.

5. A copy of the test report for the product issued by a competent authority within last one year should be attached with the technical bid.
6. In case of BP/BR items, test report of TBRL is compulsory.
7. Firms participating in this tender shall also submit the self attested list of users of its equipments.
8. All items shall be received at Central Clothing Store, Patna, therefore price should be quoted FOR Central Clothing Store, Phulwari Sharif, Patna.
9. Firms will have to deposit a sum of Rs.50,000/- (Fifty Thousand) only as an earnest money in the form of Bank Draft duly pledged in favour of the undersigned along with the quotations.
20. Technical Bids will be opened on schedule date and time in the office chamber of the undersigned. Representatives of the firms competing in the tender may remain present at the time of opening of the technical bid.
21. The technical bids will be opened first and placed before the Technical Committee of the Police Headquarters, Bihar. If the technical bids are found satisfactory as per tender conditions, it will be put before Central Purchase Committee of the Police Headquarters, Bihar. The firms may be required to participate in the demonstrations of the quoted product and discussions with this committee.
22. Any paper/document will not be accepted after opening the tender.
23. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the order as security money in the form of Bank Guarantee duly pledged in favor of undersigned.
24. The firm will be required to provide satisfactory service after the delivery of the product.
25. The firm will be required to supply all the items within the stipulated time frame as mentioned in the purchase order.
26. Payment for the delivered items will be made only after the acceptance report of the Inspection Committee of the Police Headquarters, Bihar.
27. The firm whose quotation is approved by the Central Purchase Committee of the Police Headquarters, Bihar, shall be invited to enter into an agreement with the undersigned.
28. It is compulsory to submit the duly filled chart attached herewith, along with the technical bid.
29. Indexing of the requisite documents must be done and submitted along with the technical bid.
30. Hands on training of the equipment must be imparted to the user group by the firm.
31. Director General of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully without assigning any reason thereof.
32. The Quantity indicated may increase or decrease at the time of issuing purchase order.


A I G of Police (Q)
Bihar, Police.

High End Forensic Workstation

Specification

- | |
|--|
| 1. Should have Dual Xeon (6 Core) Processor |
| 2. Should have 32 GB RAM DDR 3, |
| 3. Should have Multi Speed DVD Writer |
| 4. Should have LAN CARD 10/100/1000. |
| 5 Should have Graphic Card with 2 GB Dedicated Memory |
| 6. Should have Windows 7 Professional 64 Bit |
| 7. Should have 800W or Better SMPS |
| 8. Should have write blocker for IDE/SATA/USB/SAS/Firewire for write protection of suspected storage device. |
| 9. Should have all cables and adapters for 3.5", 2 5". 1.8" & ZIF Drives |
| 10. Should have 1TB HDD for OS and APPLICATION |
| 11. Should have 1 TB HDD for Database |
| 12. One 1 TB HDD for Storage Case Data and Index |
| 13. One 1TB HDD for Storing Forensic Image |
| 14. One removable SATA drive bay for adding forensic images |
| 15. Should Have 2.1 Channel Speaker System |
| 16. Should have 24" TFT Monitor .standard keyboard and Mouse |

[Handwritten signature]
28.6.15

Integrated Disk Forensic Software

Specification

- | |
|---|
| 1) Should have built in module to Create forensic images of suspected storage device in DD,E01, SMART & AFF format with authentication with MD5 and SHA1 hash. |
| 2) Should have built it module to analyze registry of windows based machine to extract vital information like Typed web address, USB device information, saved passwords, OS install date, OS name and version etc. |
| 3) Should have built in module to Recover passwords (Password recovery Tool) from 100+ applications like |
| a) MS Office up to version 2010 |
| b) Adobe PDF |
| c) Financial Accounting software Tally |
| d) Win Zip |
| e) Stegnos, Stool etc. |
| f) Should allow examiner to perform distributed password recovery by harness idle CPUs across the network to decrypt files and perform robust dictionary attacks. |
| g) Should have facility for generating biographical dictionary for password attack. |
| 4) Should have Known File Filter hash library with 45 million hashes. |
| 5) Analyst should never lose work due to a crash, as components should be compartmentalized in database, worker and GUI |
| 6) Should allow user to create physical drive from image |
| 7) Should use robust Oracle or PostgreSQL database in background to store large amount of data. |
| 8) Should allow distributed processing via distributed engines. |
| 9) Should have Wizard-driven processing to ensure no data is missed. |
| a) User should be able to Cancel/Pause/Resume processing |
| b) Should show real-time processing status |
| c) Should send email notification upon processing completion |

Handwritten signature
08-6-15

26

10) Should have advanced data carving engine which allows examiner to carve allocated and unallocated data on following criteria to reduce the amount of irrelevant data carved while increasing overall thoroughness.
a) file size
b) File Type
c) pixel size (Images)
d) should have over 50 custom data carvers for windows, MAC, Linux and Internet artifacts
11) Should perform analysis of RAM dump and show
a) all running processes including those hidden by rootkits
b) display associated DLLs
c) network sockets
d) support 32&64 bit windows machines
12) Should have Broad file system, compound file and email support.
13) Should support email analysis of various email clients
a) Notes NSF
b) Outlook PST/OST
(c) Exchange EDB
(d) Outlook Express DBX
(e) Eudora
(f) EML (Microsoft Internet Mail)
(g) Earthlink
(h) Thunderbird
(i) Quickmail

U/ward
08.6.15 15

(j) Netscape
(k) AOL
(l) RFC 833
14 Should Supports analysis of encrypted images with popular encryption technologies, such as Credant, SafeBoot, Utimaco, EFS, PGP and Guardian Edge with known passwords.
15 Should have Comprehensive support for Mac
(a) Process B-Trees attributes for metadata
(b) _PLIST support
(c) SQLite database support
(d) Apple DMG and DD_DMG disk image support
(e) Crack Sparse Images or Sparse Bundles
(f) JSON file support
16 Should Create detailed reports and output them into native format, HTML, PDF, XML, RTF , and more - with links back to the original evidence
17 Should have Easy-to-understand and easy-to-use GUI with pre-defined and customizable data views, advanced filtering, dockable windows and automated data categorization.
18 Should have Database Memory Adjuster to adjust the amount of ram data base can utilize to perform data importing to increase overall performance of GUI

Handwritten signature
08/1/15

Data Recovery and Analysis Software Educational License for 26 Users

1	Should support Gallery view option to quickly reveal all photographs and graphics files stored on hard drives and other media.
2	Should support Timeline view option to provide an easily adjustable, graphical calendar like display for file activity of particular interest.
3	Should contain Full Unicode support to allow users to search text and fonts from any foreign country, and in any language.
4	Should support acquisition Restart facility: continue a windows based acquisition from its point of interruption.
5	Should have Inbuilt LinEn utility to acquire evidence via boot disk
6	Should have inbuilt WinEn utility to acquire RAM device
7	Should do Image verification by cyclical redundancy checksum (CRC) and MD5
8	Should have Inbuilt support for writing scripts & should contain pre-built scripts
9	Should Support more than 150 Filters and Conditions
10	Should Support combining filters to create complex queries using simple "OR" or "AND" logic
11	Should have Inbuilt Active Directory Information Extractor
12	Should be able to automatically rebuild the structure of formatted NTFS and FAT volumes.
13	Should support Recovery of deleted files/folders
14	Should have inbuilt windows event log parser
15	Should have Inbuilt Link file parser to search in unallocated space
16	Should have Inbuilt support for Compound (e.g., zipped) document and file analysis.
17	Should support file Signature analysis

U/mon
08.6.15

18	Should have native viewing support for ~400 file formats
19	Should have built-in Registry Viewer
20	Should meet the below mentioned criteria for searching
a)	Unicode index search - search extracted text of docs
b)	Binary search - search raw binary data
c)	Proximity Search
d)	Internet and email search
e)	Case Sensitive o GREP o Right to Left Reading
f)	Active Code Page: keywords in many languages.
g)	Big Endian/Little Endian, UTF-8/UTF-7
h)	Search file slack and unallocated space
21	Should Support Internet and Email Investigation for:
a)	Browser History Analysis
b)	Internet artifacts
c)	WEB History & cache analysis
d)	HTML carver
e)	HTML page reconstruction
f)	Kazaa toolkit
g)	Instant Messenger toolkit - Microsoft® Internet Explorer, Mozilla Firefox, Opera and Apple Safari
22	Should Include Email Support for:
a.	Outlook PSTs/OSTs ('97-'03)
b.	Outlook Express DBXs
c.	Microsoft Exchange EDB Parser
d.	Lotus Notes v6.0.3, v6.5.4 and v7
e.	AOL 6.0, 7.0, 8.0 and 9.0 PFCs
f.	Yahoo
g-	Hotmail
h.	Netscape Mail
i.	MBOX archives
23	Should Include System Support for:
a.	Hardware and software RAIDS.
b.	Dynamic disk support for Windows 2000/XP/2003 Server

Handwritten signature
25.6.11

c.	Interpret and analyze VMware, Microsoft Virtual PC, DD and SafeBack v2 image formats.
d.	File systems: Windows FAT12/16/32, NTFS; Macintosh HFS, HFS+; Sun Solaris UFS, ZFS; Linux EXT2/3; Reiser; BSD FFS, FreeBSD's Fast File System 2 (FFS2) and FreeBSD's UFS2; Novell's NSS & NWFS; IBM's AIX jfs, JFS and JFS with LVM8; TiVo Series One and Two; CDFS; Joliet; DVD; UDF; ISO 9660; and Palm
24	Should support reporting facility with:
a.	Listing of all files and folders in a case
b.	Detailed listing of all URLs and corresponding dates and times of web sites visited
c.	Document incident response report
d.	Log Records
e.	Registry
f.	Detailed hard drive information about physical and logical partitions
g	View data about the acquisition, drive geometry, folder structures and bookmarked files and images.
h	Export reports in Text, RTF (Open in Microsoft Office), HTML, XML OR PDF formats.
i.	Smartphone and Tablet support: Acquire data from devices running the following operating systems:
	o Apple's iOS
	o Google's Android™ OS
	o Rim's Blackberry™ OS
	o HP's Palm™ OS
	o Nokia Symbian
	o Microsoft's Windows Mobile OS

Handwritten signature
08.6.15

High Speed Forensic Disk Duplication Device

Description

1	Portable, independent field data capturing & imaging device.
2	Should be able to concurrently Capture, Validate (MD5, SHA1 & SHA256) & Search at speed up to 20 GB/min. Meets future hard drive speed improvements with SAS/SATA-3 6GB/s maximum rated speed of 37GB/min
3	Should have drive spanning facility to capture one large source drive to two small hard drives.
4	Should have two SAS/SATA, One USB 3.0 & One Firewire ports at source
5	Should have two SAS/SATA, two USB 3.0 & One Firewire ports at Destination
6	Should be able to make Mirror, DD and Encase image (E01) of suspect drives.
7	Should have capacity to Image from and to the Network Location
8	Should have in-built 7" Touch Screen LCD Interface and on screen keyboard for smart operation.
9	Should have built-in write protected flash card reader for direct capturing of flash media (SD/MMC, SmartMedia, CF, MemoryStick).
10	Should be able to perform two imaging task from the same source drives to multiple destinations using different imaging formats
11	Should detect and capture Host Protected Areas (HPA) and Device Configuration Overlay (DCO) hidden areas on the source (suspect) drive
12	Should be able to facilitate viewing, formatting destination drives
13	Should have Dual wipe and Dual DoD wipe function to wipe two destination drives simultaneously.
14	Should have internal flash memory for storing keyword list, software updates and process reports.
15	Should have the password based security system to protect evidence drives from unauthorized access.
16	Should have USB & FireWire port to directly connect the unit in write protected mode with an external computer for analyzing the captured data immediately without the need of any write protect device.
17	Should have the capability to re-authenticate of process report through audit trail feature.
18	Should have the Proprietary O/S for eliminating the vulnerabilities related to viruses, worms, etc.
19	Should Packed in a rugged, hard-sided Carrying case consist of: Power supply and power cord, 1 Firewire cable, 1CAT6 network cable, 4 SAS/SATA cables, 2 USB 3.0 cables, 1 USB 3.0 device cable, 11.8" microSATA adapter, 11.8" IDE ZIF to SATA adapter, 1 2.5"/3.5" IDE to SATA adapter, 11.8" IDE to SATA adapter, a CD ROM with software and a users manual

Handwritten signature and date: 09/6/15

External Write Block Kit

Description/ Specification

1	1 x IDE + SATA Combo write protect Bridge
2	1 x USB write protect bridge
3	1 x SAS write protect bridge
4	1x Fire Wire write protect bridge
5	2 x power supplies with power lead for main units
6	Fire Wire cables + USB cables + all other necessary cables for IDE/SASA
7	1 x 2.5" Adaptor laptop
8 "	1 x Laptop 1.8" Adaptor
9	1 x Laptop ZIF Adaptor set for Hitachi and Toshiba HDD
10	1 x Micro SATA adapter
11	Waterproof, dust proof pelican case (Black)

Handwritten signature/initials and date: 08.6

129

Portable Field Forensic Cyber Kit

Description/ Specification

1	Should have standalone forensic acquisitions in both field and lab
2	should image both SATA and IDE/PATA hard drives at speeds up to
3	should support for 1:2 drive duplication
4	Standard features should include Disk-to-Disk and Disk-to-File duplication Format Wipe Hash (MD5 or SHA-1) HPA / DCO detection and removal and Blank Disk Check
5	should write out in raw DD, EnCase .e01 (compressed) and is field-upgradable to EnCase v7 .ex01 (AES encrypted)
6	It should have all Bridges, cables and connectors for connecting IDE/SATA/SCSI/USB/SAS and laptop drives in write protected mode
7	Should have a high-end laptop (Core i7, 6 GB RAM, 500 GB HDD) to perform analysis in the field
8	Analysis software Should support Gallery view option to quickly reveal all photographs and graphics files stored on hard drives and other media.
9	Should support Timeline view option to provide an easily adjustable, graphical calendar like display for file activity of particular interest.
10	Should contain Full Unicode support to allow users to search text and fonts from any foreign country, and in any language.
11	Should support acquisition Restart facility: continue a windows-based acquisition from its point of interruption.
12	Should have Inbuilt LinEn utility to acquire evidence via boot disk
13	Should have Inbuilt WinEn utility to acquire RAM evidence
14	Should do Image verification by cyclical redundancy checksum (CRC) and MD5
15	Should have Inbuilt support for writing scripts & should contain pre-built scripts
16	Should Support more than 150 Filters and Conditions
17	Should Support combining filters to create complex queries using simple "OR" or "AND" logic
18	Should have Inbuilt Active Directory Information Extractor

Handwritten signature/initials

19	Should be able to automatically rebuild the structure of formatted NTFS and FAT volumes.
20	Should support Recovery of deleted files/folders
21	Should have inbuilt windows event log parser
22	Should have Inbuilt Link file parser to search in unallocated space
23	Should have Inbuilt support for Compound {e.g., zipped) document and file analysis
24	Should support file Signature analysis
25	Should have native viewing support for ~400 file formats
26	Should have built-in Registry Viewer
27	Should Meet the below mentioned criteria for searching:
28	Unicode index search - search extracted text of docs
29	Binary search - search raw binary data
30	Proximity Search
31	Internet and email search
32	Case Sensitive o GREP o Right to Left Reading
33	Active Code Page: keywords in many languages.
34	Big Endian/Little Endian, UTF-8/UTF-7
35	Search file slack and unallocated space
36	Should Support Internet and Email Investigation for:
a	Browser History Analysis
b	Internet artifacts
c	WEB History & cache analysis
d	HTML carver
e	HTML page reconstruction
f	Kazaa toolkit
37	Instant Messenger toolkit - Microsoft® Internet Explorer, Mozilla Firefox, Opera and Apple Safari
38	Should Include Email Support for:
a	Outlook PSTs/OSTs ('97-'03)

Y. J. 08.6.15

b	Outlook Express DBXs
c	Microsoft Exchange EDB Parser
d	Lotus Notes v6.0.3, v6.5.4 and v7
e	AOL 6.0, 7.0, 8.0 and 9.0 PFCs
f	Yahoo
g	Hotmail
h	Netscape Mail
i	MBOX archives
3	Should Include System Support for:
a	Hardware and software RAIDs.
b	Dynamic disk support for Windows 2000/XP/2003 Server
c	Interpret and analyze VMware, Microsoft Virtual PC, DD and SafeBack v2 image
d	File systems: Windows FAT12/16/32, NTFS; Macintosh HFS, HFS+; Sun Solaris UFS, ZFS; Linux EXT2/3; Reiser; BSD FFS, FreeBSD's Fast File System 2 (FFS2) and FreeBSD's UFS2; Novell's NSS 8c NWFS; IBM's AIX jfs, JFS and JFS with LVM8; TiVo Series One and Two; CDFS; Joliet; DVD; UDF; ISO 9660; and Palm
40	Should support reporting facility with:
a	Listing of all files and folders in a case
b	Detailed listing of all URLs and corresponding dates and times of web sites visited
c	Document incident response report
d	Log Records
e	Registry
f	Detailed hard drive information about physical and logical partitions
g	View data about the acquisition, drive geometry, folder structures and bookmarked files and images.
h	Export reports in Text,RTF (opens in Microsoft Office), HTML,XML or PDF formats.
1	Smartphone and Tablet support: Acquire data from devices running the following operating systems:
	o Apple's iOS
	o Google's Android™ OS
	o Rim's Blackberry™ OS
	o HP's Palm™ OS
	o Nokia Symbian
	o Microsoft's Windows Mobile OS
41	One 4GB USB drive with software installed
	One 16GB USB drive for additional storage

Handwritten signature and date: 03-6-15

26

	One four-port USB hub
	It should have security key
	Quick reference user guide
	It should have installation DVD
	Rugged carrying case
42	It should also have a forensic SIM card and Memory card acquisition and analysis tool to extract vital information from SIM card
43	Should have power extension cord and Screw driver set along with a Digital Camera for working at crime scene
44	The whole solution should come in tough, airtight, watertight, ruggedized carrying case

✓
final
08.6.15

Password Recovery Bundle

Description/ Specification

1	A complete suite of password recovery tools that should allow unprotecting disks and systems and decrypting files and documents protected with popular applications. The Bundle should also be compatible with Rainbow Tables for MS Excel and Thunder Tables for Adobe Acrobat (.PDF) and MS Word (.doc) Files.
2	<ul style="list-style-type: none"> • OS Recovery <ul style="list-style-type: none"> * Should have Boot disk to change/reset logon passwords and account properties " Should be capable to audit user-level security • Should have the capability to analyze Windows PWL files, RAS/dial-up/VPN passwords, SYSKEY startup password, cached credentials, shared resources, CD keys, asterisk fields • Should be capable to decrypt Encrypted File System
3	<ul style="list-style-type: none"> • Password Recovery Tools <ul style="list-style-type: none"> • Should have distributed recovery for lost or forgotten passwords of Office documents, PGP, Adobe PDF and other files/passwords using local or global network with remote administration. • Should be able to recover passwords of Microsoft softwares such as Word, Excel, Access, Outlook, PowerPoint, One Note, Project, Visio, VBA, Money, Mail, Schedule +, IE, Compression utilities (archives): ZIP/PkZIP/WinZip, RAR/ Win RAR, ACE/WinACE, ARJ/WinARJ, Corel WordPerfect Office: WordPerfect, QuattroPro, Paradox; WordPerfect Lightning, Lotus SmartSuite (Organizer, WordPro, 1-23 and Approach, E-mail clients Microsoft Internet Mail and News, Eudora, TheBat! Netscape Navigator/Communicator Mail, Pegasus mail, Calypso mail, Opera and others), instant Messengers (ICQ, iCQLite, Yahoo! AOL IM, Windows Live Messenger, Google Talk, Excite Messenger, Trillian and many others), Intuit Quicken, Quicken Lawer and Quick Books, Adobe Acrobat (PDF), ACT! (Symantec / Best Software / Sage) • Should support different Attack mechanisms such as Brute force attack, Dictionary attack and Rainbow Table and Thunder table attack.
4	<ul style="list-style-type: none"> • Should have the compact Rainbow Tables and breaking passwords instantly.

Handwritten signature and date: 8/8/06

Steganography Detection and Analysis System

Description/ Specification

1	Should be capable of detecting Steganography Applications and files on computers
2	Should be capable of detecting Steganography files on web pages
3	Should be Easy to use in case management with full suite of tools ,
4	Should perform Rapid identification of over 500 known steganography programs
5	Should Detect suspicious files through blind anomaly- based approach
6	Should Easily identify image artifacts and image characteristics
7	Should have State-of-the-art image analysis with advanced image filters
8	Should have State-of-the-art audio analyzer
9	Should Crack and extract payloads from carrier files with a simple point and click interface
10	Should make Court ready investigator html reports
11	Should Scan audio files, JPG, BMP, GIF, PNG etc
12	Should allow breaking of passwords with use of password dictionary of supported algorithms
13	Should have Stego Hunting application which should be able to quickly, accurately and easily detect steganography programs as a first look in the investigation process
14	Should have capability to scan forensic images of other popular forensic tools such as E01, ad1, dd, raw, ISO and safeback images
15	Should have Stego Watch Application Once suspected carrier files are found; Stego Watch should automatically scan the entire file system and results should be brought back into a easy to read interface with suspected files flagged

Final
08.6.15

Malware Identification and forensics system

Description/ Specification

1	Should have Ability to conduct scans on a stand-alone system or network resource for known contraband and hostile programs
2	should have more that 19 datasets containing over 10,000 types of malicious software
3	Should come wrth Dataset Create utility to create or extend datasets
4	Should be operable on popular forensic tools such as E01 ,DDand AD1
5	Should have 32-Bit and 64-Bit drive mounting and management integration
6	Should create Detailed forensic evidence reports with secure source time stamping
7	Should have Ability to scan within archive files (.zip, .rar, .jar, .bh, .arj, .lha, .lzh, .tar, .war, .enc etc)
8	Should support Windows Vista/XP and windows 7
9	Should have Following Data sets:
10	Anti-Forensics Dataset ~ 1679 applications
11	BotNet Program Dataset ~ 232 applications
12	Credit Card Fraud Program Dataset ~ 47 applications
13	Denial of Service Program Dataset ~ 425 applications
14	Encryption Program Dataset ~ 915 applications
15	Exploit Scanning Program Dataset ~ 136 applications
16	File Splitting Program Dataset ~ 334 applications
17	Gaming Program Dataset ~ 744 applications
18	Key Logging Tool Dataset ~ 1195 applications
19	P2P) Peer-to-Peer Program Dataset ~ 236 applications
20	Password Cracking Tool Dataset ~ 859 applications
21	Piracy Tool Dataset ~ 174 applications
22	Packet / Network Sniffer Program Dataset ~ 275 applications
23	Remote Access Program Dataset ~ 715 applications
24	Rootkit Program Dataset ~ 385 applications
25	Spyware Program Dataset ~ 412 applications
26	Steganography Program Dataset ~ 625 applications
27	Virus and Malware Toolkit Program Dataset ~ 100 applications
28	Trojan Horse Program Dataset ~ 1040 applications
29	Wireless Packet Monitoring Program Dataset ~ 233 application

Handwritten signature and date: 08/6/15

Field Data Acquisition Portable Kit

Sr. No.	Specification
1	Easy to Use - Non-forensically trained personnel can collect data
2	Users should be able to collect forensically sound data in any location with ease.
3	Forensically Sound - Collected data stored in (E01, L01, Ex01, Lx01) court-vetted formats
4	Ultra-Portable - Pocket-sized kit can be transported to any location with ease
5	Stealth - Search and collect without leaving a trace on the target machine
6	The solution should search a targeted computer and automatically collect data, including documents, Internet history and artifacts, images, other digital evidence, and even entire hard drives.
7	Plug in and collect data immediately
8	Live machine and boot operating modes
9	Customizable search and collection jobs
10	Integrated with proven EnCase software
11	It should leverage the search and collection capabilities of EnCase®, delivered on a USB drive.
12	While pre-installed on a USB drive, it can be easily transferred to any USB drive
13	This Kit should contain: One 4GB USB drive with software installed One 16GB USB drive for additional storage One four-port USB hub It should have security key Quick reference user guide It should have installation DVD Rugged carrying case

1/1/08 6:15

CDR Analysis .Advance Link Analysis and Network Vizuaization System, Integrated Crime Data Management System with hardware

Description/ Specification

a	CDR analysis and Normalization tool
1	Should accept (able to upload) CDRs (Target No. CDR, IMEI CDR) from Excel, TXT, CSV, Html Format and all other common formats. Able to define, modify and update import formats for data across telecom service providers and software systems to ensure automated acquisition and process it in batch mode.
2	It should show the relation between other parties to target(s) in single screen, and it should also generate the common numbers between them in single click.
3	It should show the relation between IMEI and Target(s) in single screen with common IMEI among them if any. It should also specify the period of time the IMEI has been used by one party, number of days used, calls made, period starts from/to, common called/calling numbers, common locations.
4	Auto alert after matching Telephone/Mobile Number List.
5	Auto alert after matching with Suspect IMEI Number List.
6	Should be able to filter this data time/date wise on the basis of different Countries, different subscribers (their frequencies), Location etc.
7	It should apply different filters (like - date, time, duration, suspect number, B party number, cell ID, B party service provider, City/Circle-state-company, IMEI no.) on CDR. (Diagrammatical and Tabular representation). Frequency chart generation with SDR for a selective frequency (> or <) should be available in the Software.

8	Duration (Average Duration per calling/called party) Analysis.
9	Location analysis of single or multiple target numbers or imei with reference to different time and date frames.
10	Location Analysis should be of three types. First one will be based on Global Unique Cell ID, second one will be based City, States & Country, and third one will be based on Latitude and Longitude.
11	Analysis on the basis of days e.g. talks on only Fridays; talks to a particular imei number or from a particular location on particular day.
12	It should handle and store the Cell ID, so that all cell ids can be decoded. It should be capable of preparing route chart automatically.
13	There should be a facility for marking any telephone number or imei number as suspect while analyzing a particular CDR, this suspect list should be matched at every level of analysis.
14	It should accept app reports from data extraction devices as XRY, UFED, Tarantula.

Handwritten signature and date: 6.15

15	Maps and tracks suspects' geographic location and movements across time and space on the basis of CDRs on Google Map.
16	Automated Email generation for CDR/IMEI Scan request to various service providers.
17	New Number Analysis - Search of a New Number of a target whose old number and instrument is now inactive, based on CDRs of important numbers of inactive number.
18	Should Allow export of reports in popular formats like HTML, TSV, CSV, XLS etc
19	Software should run only after inserting a security dongle (USB Type) for preventing unauthorized use.
b	Advance Link Analysis and Network Vizualisation System
1	Should be a standalone software for link analysis and Visualization of complex networks
2	Should import data directly without sending it to a database system.
3	Should have more than 20 different data transformation combinations to normalize the structure data like following
i	Should add prefix
ii	Should remove prefix
iii	Should Substitute from selected files
iv	Should Merge Columns
v	Should Replace values
vi	Should Trim characters
4	Should quickly visualize and identify the common elements and connections hidden within data
5	Should graphically present results making them more accessible and easier to understand
6	Should produce dynamic briefing charts by including photographs, video clips and electronic documents
7	Should Rapidly change the representation and emphasis of chart from link style to timeline style and vice versa
8	Should easily navigate charts and search for elements of data within them
9	Should Print charts or distribute them electronically
10	Should support Social Network Analysis on various centralities like betweenness, Closeness, Degree etc
11	Should run only after inserting a security dongle (USB Type) for preventing unauthorized use
12	Should be able to perform automated CDR analysis
13	Should obtain the maximum value from your data by using the advanced analysis tools to analyze your investigation from a high level overview right down to the smallest detail.

Handwritten signature and date: 21.6.15

14	Should find association paths
15	Should identify clusters
16	Should find matching items
17	Should construct visual searches for your investigation.
18	Should support creation of charts by dragging and dropping entities, links and attributes onto the chart
19	Should allow to automatically generate charts by importing data from source data files & from data held in the clipboard.
20	Specification should able to be saved and used again

21	Should provide a range of analytical tools designed to help convert high volumes of low value data into low volume high value intelligence
22	The range of analytical tools available include
i	The list items
ii	The entity matching
iii	The visual search
iv	find path
v	Find Linked analysis
vi	Find Cluster Analysis
23	Should support mapping of chart entity on maps like Google earth as well as their export as .kmz files
c	Integrated Crime Data Management System
1	Should Easily create own multi-user databases without advanced technical expertise or jump-start design using predefined templates
2	Should Incorporate data from multiple sources for analysis in one single environment.
3	Should Save time populating database by using built- in forms and by scheduling batch imports to occur automatically
4	Should Query data by 'drawing' the question - avoiding the need to learn a complex database query language, designing powerful, complex queries easily
5	Should Manage all data and benefit from a scalable database solution to handle ever-increasing volumes of data
6	Should Work individually or as part of a team to build and use standalone or shared databases

7	Should Set up comprehensive security at the field, record or case level to restrict access by user or user group
8	Should have following key Functionality
9	Should be able to 'draw' the question the investigator wishes to ask - simple or complex - by dragging and dropping relevant icons and links. Then save, organize and share queries with colleagues to promote best practices.

10	Should visually establish the shortest path between two data elements even if the relationship involves several degrees of separation. This information can be vital to the case and is not readily available via traditional database queries or reports
11	Should reveal all relationships between a selected chart item and other entities in the database. This allows the analyst to add relevant data to analysis without constructing query
12	Should quickly find exact matches, synonyms or words that sound similar to those in the search criteria. This can be especially useful when searching for names with spelling variations
13	Should also provide full text search of documents embedded in database
14	Should save time searching database when only a few details are known. Pick lists and weighted scoring identify the data most relevant to the investigation.
15	Should maintain the quality of the database by quickly searching a set, a query result or entire database for duplicate information
16	Should easily create reports that can be printed, posted to a Web page or sent to Microsoft* Word, facilitating communication within the organization.
d	Rack Server
1	Intel(R) Xeon(R) Processor E5-2660 2.20GHz, 20M Cache, 8.0GT/S QPI, Turbo, 8C, 95W
2	2.5-Inch Chassis
3	Risers with up to 4, x8 PCIe Slots + 2, x16 PCIe Slot
4	DIMM Blanks for Systems with 2 Processors
5	1333 MHz RDIMMs
6	8 8GB RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 Bandwidth
7	6 900GB 10K RPM, SAS6 2.5 " Hot Plug Hard Drive
8	2.5" Chassis with up to 16 Hard Drives
9	PERC H710 Integrated RAID Controller, 512MB NV Cache, Mini-Type
10	Factory Install - Qlogic (QLE2562) 8Gbps PCI-E FC HBA- Dual Port

117

11	2-10GbE SFP+, Short Range Optical Transceiver, LC Connector
12	2 Heat Sink
13	PLDS DS-8D3SH 12.7 tray DVD ROM
14	Dual, Hot-plug, Redundant Power Supply (1+1), 750W
15	2 5M, Multi-Mode, LC-LC, Fibre Cable
16	Monitor 21"
17	Broadcom 57800 2x10Gb DA/SFP+ + 2x1Gb BT Network Daughter Card(Exclude SFP+ Optics/DA Cables)
18	2U Cable Management Arm
19	iDRAC7 Enterprise
20	C4 - RAID 5 for H710p/H710/H310 (3-16 HDDs)
21	40GB Boot Partition Setup (For Windows(R) OS only)
22	Microsoft(R) Windows(R) Server 2008 x64 R2 SP1 Enterprise Edition(LOCAL), FI, English
23	Microsoft(R) Windows(R) Server 2008 x64 R2 SP1 Enterprise Edition Media, English
24	SQL Enterprise
25	ProSupport: 7x24 Technical Support & Assistance: 3Yr
26	Rack

Handwritten signature and date: 08-6-15

Device for forensics extraction of data from SIM/Cell phone and GPS devices

Description/ Specification

Sr.No.	Description/ Specification
	Device for forensics extraction of data from SIM/Cell Phones and GPS device
1	Solution must run on windows XP, Vista or 7/8 operating system
2	Solution must support a minimum 9000 different hand held device profiles
3	Solution must provide the option to do a full forensic dump and decode
4	Solution should have minimum 70 cables
5	Solution should offer a unique help file for every device with easy data extraction and immediate reporting
6	Solution software should be able to be exported into:
	Excel
	Word
	Open Office
	XML
	Google Earth
	Print
7	Solution Should be able to report content capability to include:
	Summary
	Case Data
	General Information
	Network Information
	Contacts
	Notes
	SMS and MMS
	Pictures, Video and audio
	E-mail
	Documents
	Files
8	Solution must have the functionality to examine unsupported handset using know handset profiles
	Log
9	The reporting tool of the device must offer the possibility for users to enter comments for each entry of report without changing the original evidence.

[Handwritten Signature]
08.6.15

10	Solution requires a secure report reader application to facilitate review by authorized third parties
11	Support options for the solution must include telephone, email and web support facilities
12	Product tools to include: CD/DVD burning wizard, Clone SIM Cards, Clean Registry, License update, download updates
13	Solution should include the following functions:
	SIM Card Reading
	SIM Card Cloning
	Mobile phone logical examinations
	Mobile phone physical examinations
	GPS device logical examinations
	GPS device physical examinations
	Memory card logical examinations
	Memory card physical examinations
	Hex viewing
	File Importing
	Hash algorithms
	File signature analysis
Selective extraction of data	
14	Solutions should be able to support multiple extractions and be able to perform up to three simultaneous extractions from three separate devices
15	Solution must offer re-usable SIM Clone Cards
16	Solution should support acquisitions from china clones/china copied phones
17	Write protected Memory card reader to be included
18	Solution must be able to extract security code only
19	Solution must be able to do logical file system extraction from Windows Mobile 7
20	Solution must be able to do physical dump and decode of Android
21	The solution should be housed in a briefcase with a cables carrier

Handwritten signature and date: 6-13

