

## NOTE

The items concerned being technology intensive equipments. It is likely that different OEMs may have products with specifications which are not uniform. In this context it is informed that the specifications mentioned are indicative of core requirements and that during evaluation and selection of the product, weightage will be given to performance and capability of the product under required conditions. However materially substantial variations in specifications are likely to lead to disqualifications.

### Specifications

#### Tender No. 34/2010

#### Forensic Data Analysis Tool from IDE/SATA/SCSI/CDROM/USB/Memory cards/Flash cards. (1.Encase latest version and 2.Cyber check/ FTK )

**Analyses** FAT/NTFS/EXT2FS file systems, Linux, Macintosh, CDROM, DVDR & Unix, user login facilities, block by block data integrity verification while loading evidence file, **Explorer view** of contents of the whole evidence file, sorting of files based on file attributes, text/Hex view of the content of a file, picture view of an image file.

Recover deleted partitions (FAT and NTFS), Restore deleted FAT and NTFS Logical Drives  
Create Drive Image – for backup purposes, Scan hard drives and detect deleted FAT and NTFS partitions and/or Logical Drives , Preview files and folders on deleted partition or drive, to recover proper data, Backup MBR (Master Boot Record), Partition Table, Boot Sectors, Restore MBR, Partition Table and Boot Sectors from backup if damaged.

**Gallery view of images;** disk view, cluster view, block view, Time line **View of All files, deleted files**, time mismatched files, signature mismatched files, files created within a time frame. User login and logout information, filters for temporary files, deleted files, overwritten files, data recovery from deleted files and slack space, exporting files, folders and slack content, extraction of lost clusters, exporting swap files, local and network preview of storage media, mailbox viewer, registry viewer, recovery of formatted media, facility for analyzing raw images. Identification of encrypted and password protected files, compression utilities; Zip, PkZip, WinZip, RAR/WinRAR, ACE/WinACE, ARJ/WinArj, should be updated on a regular basis includes subscription and free technical support.

## **Tender No. 35/2010**

### **Advanced Password and Password cracking tools for email, archive, instant messenger and other Microsoft Office and Microsoft software Recovery.**

A password cracker decrypt the password or disable password protection, identifies encrypted passwords scan files fast-over 4000 files/min and supports over 100 different formats and also scans formats like 1.ACT Password, Archive Password, EFS Data recovery, IE Password recovery, IM password recovery, Intuit password recovery, Lotus password recovery, Mailbox, office, OE password recovery, PDF password recovery, WP office, system password, proactive password, all kind of zip files, Elcomsoft distribute password, lotus smart suite, corel word perfect office, Email clients, Intuit quicken and quick books, distributed recovery of lost or forgotten passwords to Microsoft office documents, PGP adobe PDF and other files using local or global network with remote administration, word, Excel, Access, Outlook, PowerPoint, One Note, Project, Visio, VBA, Money, mail, schedule +, IE, should displays password recovery options and decryption complexity, should runs under non-administrator accounts. Should be able to get evidence that a files contents remain unchanged. Microsoft Windows Recovery, Distributed recovery of lost or forgotten passwords to Microsoft Office documents, PGP, Adobe PDF and other files/passwords using local or global network with remote administration. Microsoft software: Word, Excel, Access, Outlook, PowerPoint, OneNote, Project, Visio, VBA, Money, Mail, Schedule+, IE. Microsoft Word and Excel 97/2000.Compression utilities (archives): ZIP/PkZip/WinZip, RAR/WinRAR, ACE/WinACE, ARJ/WinArj .Corel WordPerfect Office: WordPerfect, QuattroPro, Paradox; WordPerfect Lightning .Lotus SmartSuite (Organizer, WordPro, 1-2-3 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).Should be updated on a regular basis includes subscription and free technical support.

## **Tender No. 36/2010**

### **E-mail tracer & e-mail examiner**

Finds IP address and Owner/User of an IP address, email program to reveal the full/unmodified email. Should retrieve internet cache and history with powerful searching, filtering and evidence identification.

## **Tender No. 37/2010**

### **Email Database Analysis tool**

Should be able to support all email formats, outlook express including EDB, STM, PST, OST, MSG, NSF, DBX, MBX, MBOX, BOX, SML, hotmail and yahoo mail HTML (scraped from browser caches), should be able to identify and recover permanently deleted and encrypted information from email database, should be able to identify similar copies emails and attachments, should be able to search through wildcard queries, fuzzy queries, Boolean operators, phrase queries, proximity queries and field specific queries, should be able to search specific email and attachments through file type filter, comments, classifications, communication date, list of hash values, lists of key words and skin tone filtering of images to identify inappropriate images. Should be able provide a network view to know communications between sender and receiver and indexing information of each word. Log records, registry, Should be updated on a regular basis includes subscription and free technical support.

## **Tender No. 38/2010**

### **Steg-Analyzer (Steganography Analysis Suite)**

Should support real time detection of files associated with more than 725 Steganography applications. An application suite for searching and detecting Steganography Artifacts and Signatures. Should support Steganography applications search by using CRC-32, MD5, SHA-1, SHA-224, SHA-256, SHA-384, and SHA-512 hash values stored in the Steganography Application Fingerprint Database (SAFDB) and registry entries stored in the Registry Artifact Key Database (RAKDB). It should be capable of mounting and scanning forensic images of storage media in EnCase, ISO, RAW (DD), and SMART formats and searching therein. It Should support automated scanning of the Microsoft Windows® Registry for the presence of registry artifacts associated with particular Steganography applications; should allow the examiner to quickly view a statistical summary of any previous scan performed during a particular examination, support Append. Analysis and analyze the files in a hex editor view to determine the nature of the hidden information, support Least Significant Bit (LSB) image encoding with the LSB Analysis in a hex editor view; should also support Automated Extraction Algorithm functionality for selected Steganography applications and give a "point-click-and-extract" interface to easily extract hidden information from suspect files

## **Tender No. 39/2010**

### **Live computer investigation software**

Should support real-time investigations of live systems with IPv6 protocol, should be capable of running state (volatile data from RAM) of the target computer system, capable of capturing HDD of target computer remotely and displaying the registry of remote target computer with extensive search capabilities, should use structured, documented processes adhering to digital forensics best practices, should support data verification via MD5 hashing, should support capture of information from target machines, should support adding annotations to mark specific findings during investigation, should have the capability to search data in ACSII, Unicode UTF-8, UTF-16LE & UTF-16BE format from remote computers.

## **Tender No. 40/2010**

### **Mobile Phone Data Extraction & Analysis Kit**

Should provide an easy to use data extraction solution for mobile phones with more than 1500 handsets support including CDMA, GSM, TDMA, iDen cell phones, PDAs, Satellite phones and GPS devices.

Should be able to display data while the extraction is happening in real time. Should be able to acquire data such as Handset time & date, Phone book entries, Text messages, Serial number, Missed calls, Received calls, Dialed calls, Calendar entries, Memos, To-do list, Pictures, Video & Audio files, Themes from handset and read deleted messages from SIM cards with MD5 digital signature. Should be able to identify phone via Graphics, Model, dimension and phone type (in-built camera, antenna etc.) based selection of mobile phones. Should have capability to download either entire or only selective data from mobile phone. Should have in-built SIM card reader, Bluetooth, InfraRed & USB port. Should be able to connect to an examiner laptop and thumb drive via USB port. Should be able to automatically light up appropriate connector upon selection of suspect mobile device. Should have inbuilt rechargeable battery for extended mobility. Should be able to isolate mobile from the network for forensic cloning of SIM card. Should be able to view the data in text & hex format. Should have comprehensive in-built search feature. Should be able to permanently wipe the captured data from the examiner laptop.

## **Tender No. 34/2010**

### **ISO Buster**

IsoBuster is a CD/DVD and (Disk) Image File data recovery tool, that can read and extract files, tracks and sessions from CD-i, VCD, SVCD, CD-ROM, CD-ROM XA, DVD, DVCD and others. It also supports the following image file formats: \*.DAO (Duplicator), \*.TAO (Duplicator), \*.ISO (Nero, BlindRead, Creator), \*.BIN (CDRWin), \*.IMG (CloneCD), \*.CIF (Creator), \*.FCD (Uncompressed), \*.NRG (Nero), \*.GCD (Prassi), \*.P01 (Toast), \*.C2D (WinOnCD), \*.CUE (CDRWin), \*.CIF (DiscJuggler), \*.CD (CD-i OptImage) and \*.GI (Prassi PrimoDVD). The program should aid in getting the data, even if Windows is not able to do so. It should support some advanced features like UDF version to use.

## **Tender No. 34/2010**

### **Mpeg encoder (IMTOO), ADOBE CS-4 Suit –Master Collections**

Fast photo viewer and manager. Easily find, view, manage, print, edit and share images. Video, movie analyzer, should sort the image files and determine whether or not the images are pornographic.

## **Tender No. 34/2010**

### **Media player pack**

16.97MB, MPC should have built in DVD player with real-time zoom, support for AVI subtitles, QuickTime and Real Video support and lots more. (keys 2,4,6,8 for Video Zoom)

## **Tender No. 34/2010**

### **Noki on the web**

Software should be capable to extract the back-upped content of phone book, SMS, calendar, memo, photos, wallpapers, music and other files in the backup file just like it's done in Windows file and directory. And should convert phone book, sms, calendar or memo to text format, remain the original format or merge into one text file.

## **Tender No. 34/2010**

### **Spector CNE**

Should record everything employees do online, including instant messages, chats, emails sent and received, web sites visited, applications launched, files downloaded and keystrokes typed.

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