उत्तर प्रदेश पुलिस तकनीकी सेवायें मुख्यालय,

चतुर्थ तल, जवाहर भवन,अशोक मार्ग, लखनऊ–226001

पत्रांक–टीएस/एमओडी–120/2015–16 (एफएसएल)   दिनांक, दिसम्बर २२ 2015

सेवा में

निदेशक,
सूचना एवं जन सम्पर्क विभाग,(विज्ञापन प्रभाग),
उत्तर प्रदेश, लखनऊ।

विषय–   आधुनिकीकरण योजना के अन्तर्गत निम्नलिखित उपकरणों के कयार्थ निविदा आमंत्रित किया जाना ।

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महोदय,

कृपया उपर्युक्त विषयक विज्ञापन की 05 प्रतियाँ अंग्रेजी / हिन्दी में मय सी0डी0 के संलग्न कर इस अनुरोध के साथ प्रषित की जा रही है कि उक्त नोटिस को व्यापक प्रचार–प्रसार वाले प्रमुख दैनिक समाचार पत्र हिन्दी /अंग्रेजी जैसे दिल्ली/लखनऊ/मुम्बई से प्रकाशित होने वाले दैनिक जागरण, अमर उजाला,दि पाइनियर ,टाइम्स आफ इन्डिया तथा द न्यू इन्डियन एक्सप्रेस आदि प्रमुख समाचार पत्रों में प्रकाशित करने का कष्ट करें।

2/   इस सम्बन्ध में निविदा के विज्ञापन की स्वच्छ टंकित प्रति एवं एमएस वर्ड (फारमेट में सी0डी0) साफ्ट कापी भी वेब साइट पर प्रसारित कराने हेतु संलग्न की जा रही है।

3/   अनुरोध है कि कृपया संलग्न निविदा को प्राथमिकता के आधार पर प्रकाशित कराने का कष्ट करें।

संलग्नक–विज्ञापन की प्रति 05 प्रतियों में।
2–सी0डी0की साफ्ट कापी।

                                          भवदीय,
                                          (अमिताभ यश)
                                     पुलिस महानिरीक्षक,तकनीकी सेवायें,
                                          लखनऊ।

प्रतिलिपि–पुलिस महानिरीक्षक,प्रो0/बजट,उ0प्र0पुलिस मुख्यालय,इलाहाबाद को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

2–प्रतिलिपि– पुलिस अधीक्षक/सहायक निदेशक, उ0प्र0पुलिस कम्प्यूटर केन्द्र, लखनऊ को विज्ञापित निविदा की एक प्रति एवं सी0डी0 संलग्न कर इस आशय से प्रेषित है कि उक्त निविदा को उ0प्र0पुलिस की वेबसाइट पर भी प्रसारित कराने का कष्ट करें। संलग्नक–यथोपरि

3–प्रतिलिपि–निदेशक,एफएसएल,लखनऊ लखनऊ को सूचनार्थ एवं व्यापक प्रचार–प्रसार एवं आवश्क कार्यवाही हेतु।

4–प्रतिलिपि– नोटिस बोर्ड तकनीकी सेवायें,लखनऊ को चस्पा करने हेतु।

उत्तर प्रदेश पुलिस तकनीकी सेवायें मुख्यालय,

चतुर्थ तल, जवाहर भवन, अशोक मार्ग, लखनऊ

संख्या—टीएस—एमओडी—120 / 2015—16(एफएसएल) दिनांक —दिसम्बर, 22 2015

निविदा सूचना

1— उत्तर प्रदेश पुलिस हेतु निम्न उपकरणों की सील बन्द निविदा भारतीय मैन्युफैक्चरर / डीलर / रजिस्टर्ड फर्म / विदेशी मैन्यफैक्चरर के अधिकृत विक्रेता से आमंत्रित की जाती है।

2— निविदा प्रपत्र व उपकरण से सम्बनिधत तकनीकी स्पेशीफिकेशन उत्तर प्रदेश पुलिस की बेवसाइट http://uppolice.gov.in से डाउनलोड किया जा सकता है। निविदा शुल्क के रूप में रू0 300.00 का बैंक ड्राफट / बैंकर चेक / एफडीआर पुलिस अधीक्षक / सहायक निदेशक, उ0प्र0पुलिस कम्प्यूटर केन्द्र लखनऊ के नाम देय होगा, जमा की जायेगी।

3— निविदा शुल्क किसी भी दशा में वापस नहीं किया जायेगा तथा निविदा स्वीकृत न होने की दशा में ईएमडी वापस कर दी जायेगी।

4— तकनीकी सेवायें मुख्यालय से नगद भुगतान पर टेण्डर डाकुमेन्ट्स विक्रय नहीं किये जॉयगें।

5— प्रत्येक टेण्डरकर्ता द्वारा टेण्डर की ईएमडीए डीडी / एफडीआर / बैंक गारन्टी के रूप में, जो पुलिस अधीक्षक / सहायक निदेशक, उ0प्र0पुलिस कम्प्यूटर केन्द्र लखनऊ के नाम देय होगा, जमा की जायेगी।

6— सफल टेण्डरकर्ता द्वारा क्रयादेश मूल्य का 10 प्रतिशत धनराशि सिक्योरिटी मनी के रूप में जमा किया जायेगा, जो उपकरण के सन्तोषजनक ढंग से कार्य करने के उपरान्त उनके वारन्टी अवधि के उपरान्त वापस कर दी जायेगी।

7— तकनीकी स्पेशीफिकेशन के अनुसार प्रोप्राइटरी आइटम या उनके समतुल्य उत्पाद / सेवा अन्तराष्ट्रीय स्तर के स्वीकार होगें। प्रोप्राइटरी उत्पाद या इसके समतुल्य उत्पाद / सेवा सम्बन्धित तकनीकी समिति का निर्णय अन्तिम निर्णय होगा।

8— उपकरणों की संख्या विभाग की आवश्यकतानुसार बढायी जा सकती है तथा विभाग द्वारा बढायी गयी संख्या को फर्म को निर्धारित अवधि में आपूर्ति करना होगा।

9— निम्न किसी उपकरण के तकनीकी स्पेशीफिकेशन में यदि कोई संशोधन किया जाता है तो निविदा जमा करने की अन्तिम तिथि के 07 दिवस पूर्व ही संशोधित तकनीकी स्पेशीफिकेशन अपलोड कर दिया जायेगा।

10— निविदा के आइटम नम्बर 1 के तकनीकी बिड में हार्डवेयर एवं साफ्टवेयर सिस्टम को तकनीकी स्पेशीफिकेशन के अनुसार अलग अलग कोट करें।

11— समस्त टैक्स सहित न्यूनतम निविदा एल—1 पर विचारा किया जायेगा।

12— तकनीकी मुख्यालय द्वारा जनहित में किसी भी समय बिना कारण दर्शाये टेण्डर को निरस्त किया जा सकता है।

टेन्डर संख्या	आइटम	सं0	ईओएम0डी0 (रू0 में)	टेण्डर डाकुमेन्ट का मूल्य (रू0 में)
(1)टीएस—मोड—112 / 2015—16(एफएसएल)	आडियो एनालिसिस सिस्टम	01	2,00,000.00	300.00

निविदा जमा करने की अन्तिम तिथि	06.01.2016	समय 02.00 बजे अपरान्ह
तकनीकी भाव पत्र खोले जाने की तिथि	06.01.2016	समय 04.00 बजे अपरान्ह
तकनीकी भाव पत्र पर क्रय समिति की बैठक	07.01.2016	समय 11.30 बजे पूर्वान्ह
वित्तीय भाव पत्र खोले जाने की तिथि	11.01.2016	समय 11.30 बजे पूर्वान्ह
वित्तीय भाव पत्र पर क्रय समिति की बैठक	11.11.2016	समय 04.00 बजे अपरान्ह

(अमिताभ यश)
पुलिस महानिरीक्षक, तकनीकी सेवायें,
लखनऊ।

U. P. POLICE TECHNICAL SERVICES HEADQUARTERS

IVth FLOOR JAWAHAR BHAWAN,ASHOK MARG,LUCKNOW-226 001
TENDER NO.:TS-MOD-120//2015-16(FSL)

DATED :December. 12 2015

NOTICE INVITING TENDER

1-   Sealed Tenders are invited from the Indian Manufacturers/registered firms/ Authorised agent of foreign manufacturer for purchase of the following equipment for the use of U.P.Police.

2-   The tender form and tender document for item mentioned below along with Technical specification for Item given   may be downloaded from U.P. Police website http://uppolice.gov.in on payment of Rs. 300-00 as fee of Tender cost documents in the form of DD/Banker Cheque/FDR/ in favour of S.P.AD. Uttar Pradesh Police Computer Centre, payable at Lucknow.

3-   Cost of tender document is not refundable, while earnest money(EMD) is refundable after tender process.

4-   Tender documents will not be given on cash through Technical Head Quarter.

5-   Each Tenderer will have to deposit an E.M.D. as mentioned against tender in the form of DD/ Banker's Cheque/FDR. in favour of **S.P./AD. Uttar Pradesh Police Computer Centre,payable at Lucknow.**

6-   Successful tenderers will have to deposit a security money @ 10% of the order value, which will be returnable after expiry of warranty period.

7-   For any specification which amounts to proprietory items its equivalent Product / Services of international quality will also be acceptable. However the decision of Technical Committee regarding Product / Services of International Quality will be final.

8   The Number of equipments may be increased as per need and the increased quantity will also have to be supplied within time stipulated by the Department.

9-   The lowest bid will be decided on the basis of total cost (inclusive of all taxes.)

10-   Tender item no.1 Technical Bid should be quoted with Hardware and software system separately according to technical specification.

11-   In condition of amendment in any following item's specification.It will be uploaded before 7 days from submitting tender date'

12-   The Technical Head Quarters may   cancel the tender at   anytime without asigning any reason for the same in the   public interest.

Tender No.	Item	Qty	EMD (in Rs.)	Cost of Tender Docume nt (in Rs.)
(1)TS-MOD-112/2015-16(FSL)	VIOCE ANALYSIS SYSTEM	01	2,00,000-00	300-00

last date of deposit of tenders   06-01-2016 upto 02-00pm
Date of opening of Technical Bid   06-01-2016 at 04-00pm
Date of Purchase committee meeting for technical evaluation   07-01-2016 at 11-30am
Date of opening of financial offer   11-01-2016 at 11-30am
Date of purchase committee meeting for financial evaluation   11-01-2016 at 04-00 pm

(AMITABH YASH)
- Inspector Genl. Of Police,Technical Services,
Lucknow.

VOICE ANALYSIS SYSTEM

Part-(1/1)Principle Machine:Voice Analysis Machine containing as features of Hardware and software Qty-(01) unit

(A)-Analysis System

It Should be acoustic analysis system with hardware for data acquisition, complemented by the most versatile suite of software available for speech analysis, , voice measurement, , acoustic phonetics, and forensic work.

Free and low-cost acoustic analysis software that works with a computer's sound card is available,

Hardware designed to recording, and the sampling rate of the typical sound card is not precise.

Filtering may modify the signal that is captured, and there is commonly crosstalk between channels.Because voice analysis requires the measurement of a very small amount of noise or perturbation, it is critical to have professional-level hardware for signal acquisition.

It should captured signal is truly an accurate representation of the voice.

(B)Main Hardware— Complete System of Computer Interface : Half size PCl card

Data acquisition module

Audio device (interface card)

Speaker

Microphone

Headphones

Connection cables

Adapter for EGG input

Main Program software

Manual and instructions

Capture and play with any sampling rate

(C)-Hardware Iterface

1-XLR microphone inputs for superior noise suppression

2- Two or 4-line input channels for multiple signal acquisition

3-Output to a professional level speaker for high-fidelity Playback

4-Stereo headphone output

5-Calibrated input for real-world amplitude measures (dB)

6-DC coupling for low-frequency signals

7-Convenient control of input and output levels

(D)-Hardware Interface working

1-channel input -Up to eight channels of data in which Four channels provide the ability to collect more signals simultaneously both for research and clinical applications.

2-AC coupled - AC coupling removes low-frequency components for improved signal quality. DC inputs are used for low-frequency data signals such as EGG.

3-Sampling rates 8,000 – 50,000 Hz   Higher sampling rates allow for analysis of higher frequency signals

4- Complete suite of features for each analysis and editing command as Read and write to computer speech or .wav file format ,Complete IPA symbols

6-Editing includes cutting, pasting, digital filtering, and appending

7-Analysis includes multiple pitch extraction methods, pitch-synchronous LPC, glottal event markers, FFT, formant history, spectrogram, energy, etc.

8-Logging of cursor values

9-Macros to repeat operational steps

10-Learn mode to memorize stepsTags, storable with signal

11-All 32-bit, MDI-compliant for fast operation

(E) Recording Devices
- Signal Enhanced Software
- Audio Authenticate software
- Recording device With Data Workstation
- Micro Cassette Player
- High Quality Should Be Played

(F) Software Features for Single and Multivoice samples
- Analysis-Synthesis Signals
- Applied Speech Science for Voice & Resonance Disorders
- Auditory Feedback Tools
- Disordered Voice Database and Program
- Motor Speech Profile
- Multi-Dimensional Voice Program (MDVP)
- Palatometer Database
- Phonetic & Perception Simulation Programs
- Phonetic Database
- Real-Time EGG Analysis
- Real-Time Pitch
- Real-Time Spectrogram
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Articulation: Animation of Muscle Vectors
- Video Phonetics Program and Database
- Capture and play with any sampling rate
- Up to eight channels of data
- Read and write to Computer speech or .wav file format
- Complete IPA symbols
- Editing includes cutting, pasting, digital filtering, and appending
- Analysis includes multiple pitch extraction methods, pitch-synchronous LPC, glottal event markers, FFT, formant history, spectrogram, energy, etc.
- Logging of cursor values
- Macros to repeat operational steps
- Learn mode to memorize steps
- Tags, storable with signal
- Complete suite of features for each analysis and editing command
- All 32-bit, MDI-compliant for fast operation
- Analysis-Synthesis work
- Applied Speech Science for Voice & Resonance Disorders
- Auditory Feedback Tools
- Disordered Voice Database and Program
- Multi-Dimensional Voice Program
- Phonetic & Perception Simulation Programs

(G)Phonetic Database
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle Vectors
- Video Phonetics Program and Database
- Acoustic files Data base library
- Different languages of world
- Ideal for teaching acoustic phonetics
- Full-featured program for complete analysis
- IPA transcription for large sample of files
- Applied Speech Science for Dysarthrias
- Applied Speech Science for Voice & Resonance

(H)Feedback Tools
- Auditory Feedback Tools
- Disordered Voice Database and Program
- Multi-Dimensional Voice Program
- Phonetic & Perception Simulation Programs
- Phonetic Database
- Real-Time Analysis
- Real-Time Pitch
- Real-Time Spectrogram
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle
- Video Phonetics Program and Database
- Voice Range Profile Program
- Measurement
- Comprehensive graphic and numerical information for reports
- True real-time performance with pitch extraction for each glottal pulse
- Extensive analysis capabilities to compare two speech samples
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle
- single-screen mode
- Deal for biofeedback, previewing signals for analysis, and teaching speech science
- Full-featured adjustment of all spectrogram parameters
- All windows are sizable and movable before, and after, analysis

(Manoj Kumar)   (M.C.Sharma)   (Shyam Sunder)   (Dr.S.b.Upadhyay)
SA-FSL-LKO   SSA-FSL-LKO   SO-FSL-LKO   Director-FSLUP-LKO

Specifications----------------

1.A single complete set of tools designed for forensic and security professionals: all needed functions in one software package for both static image and video.

2.Tools to target any type of data, from CCTV recordings and dash cam video to crime scene digital photos and fingerprint enhancement.

3.Support for any image and video format without additional expensive format tools and filters.

4.With Multifiltersincluded as standard to enhance and analyze images and videos,.

5.One uniform user interface. Work in the same way with single images, sequences of images and videos.

6.Everything is done in real time. Dramatically reduce time and effort with the ability to modify any parameter of any operation in any order; the results can be seen immediately. Even while playing a video file.

7.Built-in security and robust file authentication to detect any tampering or unauthorized modifications or changes so that all evidence is secure.

8.Automatic report generation, including the sequence of all operations applied to all files, the used parameters and a detailed description of their usage and implementation.

9.Available in multiple languages Working.

10.Five will work with your platform. Because Five is compatible with standard PCs (all Windows versions), the time and cost to deploy are minimal. As hardware standards change quickly, Five does not bind you to a platform that will soon be obsolete. Software must shows a clear advantage over competitors in cost effectiveness in budget analysis based on total life-cycle cost.

General Features

Uniform user interface and workflow: Load, save, process, analyze in the same way for single images, sequences of pictures, or videos.

•Instant results: add, configure, move, and modify an unlimited number of filters, in real time even while playing video.

•Intelligent and repeatable: automatically apply the same filters sequence to different files to avoid resetting all filters for different images from the same source or environment.

•Apply the filters only to a region of interest of the image, or select frames of interest in a sequence.

•Flexibility with technology: choose between classical standard techniques or latest state-of-the-art algorithms.

•Precise control over images: operate with pixel level precision on selections and measurements on images.

•Document evidence that wins: It can automatically generate detailed reports so that the investigations process is clearly documented.

File Formats: Compatible with All Standard File Types

•Load image files from the most common formats, such as bitmap, jpeg, tiff, targa, jpeg png.

•Load video files from almost any digital format, sourced from NTSC, PAL and almost any other system such as mobile phones and internet content; users can decode most video formats by using internal libraries and codecs. It internal library allows decoding even if your system does not have the required codecs installed.

•Convert a sequence of static images to present and control as if it were video. Transcode video to a different format or transform it into a sequence of images or vice versa.

•Multiple video frames may be selected in either a consecutive or random sequence.

Image Analysing Functions

•Standard image editing features allow the user to instantaneously apply basic editing functions such as crop, flip, color to grayscale conversions, channel extraction, zoom and image rotation.

•Correct geometric distortions caused by wide angle lenses. It can also allows the user to convert images taken from an omni directional camera to a panoramic format.

◦Correct the perspective in order to see the picture of the scene from a different angle.

◦Resize the image with advanced algorithms, which ensures a higher definition than would be obtained with common interpolation algorithms used in other software.

◦Convert interlaced videos into progressive ones without loss of information.

◦Improve contrast and brightness manually, adjusting intensity curves, or speed workflow with automatic enhancement algorithms.

◦Analyze images with various threshold and edge detection filters.

◦Measure real world distances, heights, and lengths from images or video frames using Five's advanced measuring tool.

Extraction of Image/Video Filtering Functions

◦Improve image details (unsharp masking, rational sharpening).

◦Reduce noise (averaging, Gaussian, median, bilateral, rational smoothing filters).

◦Apply custom kernel filters.

◦Reduce compression artifacts with deblocking algorithm.

◦Remove interferences or image background (such as banknote watermark) with Fourier Filter.

◦Correct optical and motion blur resulting from fast movement or lack of focus.

◦Remove noise from a video with temporal smoothing and frame integration.

◦Improve shaking video with image stabilization.

◦Correct and modify the camera viewpoint in different frames with perspective align

◦automatic report generation

◦more advanced image processing functions for video surveillance

◦filters useful for more specific cases, such us crime scene photos and fingerprints ◦measuring functions

(Manoj Kumar) (M.C.Sharma) (Shyam Sunder) (Dr.S.b.Upadhyay)
SA-FSL-LKO SSA-FSL-LKO SO-FSL-LKO Director-FSLUP-LKO

Part-2/2 Audio Extraction from Media(Software)

The user interface

1-Starting

Setting preferences/project

Adding clips,Undoing and redoing actions,,Showing and hiding grid lines

2-Capture

Capture Step Options --Importing from DVD/DVD-VR/Mobile Devices /Direct video capturing to MPEG format

3-Proccessing options-

Working with clips,Adding clips to the Video,Sorting clips in the Library,Playback Speed,Reversing video playback,Trimming a clip,Split by Scene,Multi-trimming your video,Saving trimmed clips,Exporting a video file,Capturing still images in the Edit,Ripple Editing

Enabling Smart Proxy ,Converting multiple files ,Enhancing clips,Adjusting color and brightness ,Adjusting White balance ,Adjusting tones,Applying video filters,Pan & Zoom ,Resizing and distorting clips ,Adding cues and chapters

4-Effect & Overlay-

Transitions effects processing,The Overlay Step Options ,Working with Overlay clips Trimming Overlay clips ,Repositioning the current Overlay clip , Resizing Distorting an Overlay clip, Enhancing Overlay clips Applying transparency to the Overlay clip Chroma Keying an Overlay clip, Adding a mask frame   Adding a border. Using the same attributes for different Overlay clips   Adding Objects or Frames Adding Flash animations Customizing the current object, frame, or Flash animation Title Adding preset text to your project with Applying animation

5-Audio

The Audio Step Options Panel

Adding audio

Adding voiceover narration

Adding background music

Using the Clip Volume Control

Trimming and cutting audio clips

Stretching audio duration

Fade-in/out

Extraction voice fro different audio

Applying audio filters

6-Share

Creating and saving,Burning a DVD, VCD, SVCD or HD DVD ,Exporting to Mobile Device , Output file to a different medium to Web page ,to e-mail Electronic greeting cards Creating an audio file Recording back to a DV/ HDV camcorder

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(M.C.Sharma)
SSA-FSL-LKO

(Shyam Sunder)
SO-FSL-LKO

(Dr.S.b.Upadhyay)
Director-FSLUP-LKO

Part-2/ɔ Audio signals Filtering/Enhanceing (Software)   <u>Qty-----------(02) unit</u>

Digital audio fundamentals
Understanding sound ,Digitizing audio
Workflow and workspace
Viewing, zooming, and navigating audio . Customizing workspaces Managing workspaces
Setting up Adobe Audition
Connecting to inputs and outputs Setting Adobe Audition preferences Managing temporary files
Importing, recording, and playing audio
Opening audio files in Edit View Opening and adding to sessions in Multitrack View,Importing with the Files panel
,Importing with Adobe Bridge ,Importing audio from CDs ,Getting ready for recording and playback . .
Recording audio ,Playing audio . .
Monitoring recording and playback levels .
Editing audio files
Displaying audio in Edit View Selecting audio ,Copying, cutting, pasting, and deleting audio .
Visually fading and changing amplitude .,Working with markers ,Creating and deleting silence .
Inverting and reversing audio ,Generating audio ,Analyzing phase, frequency, and amplitude . .
Converting sample types ,Recovery and undo .
Applying effects
Shared effects controls ,Applying effects in Edit View .,Applying effects in Multitrack View,Adding third-party plug-ins

Chapter 8: Effects reference
Amplitude and compression effects,Delay and echo effects . ,Filter and equalizer effects,Modulation effects .
Restoration effect,Special effects ,Stereo imagery effect,Time and pitch manipulation effects ,Multitrack effects . .
Mixing multitrack sessions
Multitrack View overview ,Basic track controls,Track routing and EQ controls,Arranging clips ,Editing clips . .
Automating mixes Synchronizing sessions with ReWire and SMPTE ,Setting advanced session properties
Composing with MIDI
MIDI sequencing basics ,Importing, recording, and outputting MIDI,Displaying and editing MIDI
Loops
Using loops in Multitrack View,Creating loops in Edit View
Working with video
Working with video applications ,Importing video and working with video clips ,Previewing video .
Creating surround sound
Surround sound basics ,Setting track pan and volume for surround mixes Previewing and exporting surround mixes .
Saving and exporting
Saving and exporting files Audio file Video file formats Adding file information .
Automating tasks
Favorites ,Normalizing groups of files .,processing files .
Building audio CDs-Assembling CDs,Writing CDs

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- playback┐-------- in a compact package
- Memory----4GB RAM
- Recording Capacity-------1000 Hrs
- Microphone------- Stereo having multi sensitivity levels
- Recordering----- automatically adjusts to audio conditions
- Backlit-------- LCD supports indoor or outdoor use
- Portable--------Easy Carrying
- Transferring ------- audio files is fast and easy utility
- Compatibility---- Windows or Mac computer
- Connecttivity------ USB connection
- Playback------ recordings through built-in speakers or headphones
- Dtorage-----Stores data with the microSD/M2 memory card slot
- Holds over 4,000 audio files
- Capturing-------- MP3 or PCM audio at multiple bit rates and sampling frequencies
- Supports MP3, AAC, WAV and WMA audio file playback
- Has a five-band equalizer

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Part-3/2 (Equipment) Computer work station With accessories

    (A)-Computer work station--- <u>Qty-----------(02) unit</u>
       Specification----

1. Intel i7, Quad Core Processor (2.4 GHz or higher)
2. 16 GB DDR 3 RAM
3. 2 X 256 GB Solid State Drive
4. 1 x 1.0 TB - Data Drive
5. 22" LCD Monitor x 2
6. At least 2 GB Graphics Supporting Card
7. 4 USB Ports or more
8. Wireless Keyboard & Mouse
9. Windows 7 Operating System or higher
10. Integrated Hardware Write Blocker for IDE/SATA/USB/LAPTOP Drives
11. Fire wire Card
12. Should be provided with toolbox containing Adopters & Cables to image and process Internal/External Drives, screw driver set consisting of bits for opening computer enclosures that may have been locked down.
13. 2 years onsite warranty
14. Onsite training to be provided alongwith guide and operating manual

    (B) -----Accessories Qty as Follos-

1. Forensic Multi Card Reader ----- Qty -04 no's each
2. Head Phones High Quality ------- Qty -05 no's
3. WebCam High Quality night Vision -- Qty -02 no's
4. Audio System High quality 5.1 Channel audio with Boofer & 04 speaker inbuilt Cordless mice 02 no's (01 Pocket + 01 Handpack) system Qty--<u>(01) unit</u>
5. UPS 05 KVA online with 03 Hours backup---- Qty- 01 no's

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<u>Part-3/3 (Equipment) Name of Equipment:PROJECTOR</u>   <u>Qty--------(02) unit</u>
  <u>Specifications of -----one Unit</u>
  Make- Standard of Electronics

     o   Resolution----------------------------1024x768
            Projection Mode----Mode------ High/Standard/Low

            Power Consumption----------Power in Watts --290W
System Specifications

- Contrast Ratio----------------------------2 200:1
- Computer Compatibility--------------MAC / PC
- Video Compatibility---------------------HDTV / DTV

Display

- Throw Ratio------------------------------1.4 - 1.82:1
- Projection Screen Size (Diagonal)-----30 (76.2 cm) to 300 (762 cm) (measured diagonally)
- Brightness-----------------------------------2300 Lumen
- Projection Lens----------------------------Approx. 1.3 times zoom lens, manual
- Lamp Type---------------------------------UHP lamp, 210W

Dimensions

- Width in mm---------------313.4 mm
- Depth in mm---------------278.3 mm
- weight in Kgs---------------3.2 Kg
- Height in mm-------------129.6 mm

Power Management

- Power Supply-------------AC 100V to 240V

Temperature

- Operating Temperature-----------0 degree C to 40 degree C
        Audio--------------1 W x 1 (monoaural)
        Ports----------------DVI/USB Port/WiFi/HDMI

Installation-----Roof Mounted with cable and remote

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Part-3/4 (Equipment) LaserJet Printer-----02 no's (01 Balck & 01 Colour)

Type of Printer	Speed	Function	Make
Balck	16 PPM or more	Print, Scan and Copy(All In One) With ADF Facility	Standard
Colour	4 PPM or more	Print Only	Standard

Technical specs

GENERAL

Print technology	4-pass color laser
Duty cycle (monthly, A4)	Up to 15,000 pages
Duty cycle (monthly, letter)	Up to 15,000 pages
Compatible	Windows or Supported Software

PRINT

Duplex printing	Manual (driver support provided)
Paper trays, maximum	1
Paper trays, standard	1

MACHINE DIMENTIONS & WEIGHT

Package weight	Portable
Cable included	Yes, 1 USB cable
What is in the box Colour	LaserJet Printer; introductory Black, Cyan, Yellow, Magenta print cartridges (pre-installed); Imaging drum; CDs containing software and electronic documentation; Documentation (Install Guide, Support flyer, Warranty guide); power cord; USB cable
Warranty	2 Year

Environmental

Storage temperature range	Supported
Operating /Storage humidity	10 to 95%
Operating temperature range	Supported Environmental

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Auido Analysis System

Part-4/1 (Equipment) Name of Equipment :LAB WORK STATION----Qty-02 unit
Specification-for one unit LAB WORK STATION contains -
1-TABLE TYPE= 01 (Eight in numbers)
Each table contains
(a)-One side three drawers and other side cup boards with two self,
(b)-Table top –Approx.19 mm Granite black, colour made of with 19 mm board
(c)- Draws made by 19mm board with cup board and with haminate.
(d)- Structure in teak wood frame teak finish
(e)- Mica and teak with color polishing as required of high standard.
(f)- Size= 6'(L)×2'6"(W)×30"(H)
(g)- Legs space = 3"× 3"
(h)- Wooden one slab between two draws and upon footrest.
(i)- Assembled and pre inspection of material required.
2- Stools type= 01 (eight in numbers)
(a)- Stool With 4 Legs with footrest enable of height 65 cm and 45 cm respectively.
(b)- Stools four legged cushioned with foam and round pipe with footrest enamel painting and Black high quality Raxin Cushion
3- Official fixed Steel Chairs-----------08 nos.
   (a)   Having variable hight from 45 cm to 65 cm
   (b)   Seat and back good quality supported heavy synthetic covers.

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Part-4/2 (Infrastructure) Name of Equipment Storages and Preservation -

1-all Fitted wooden Storages --------08 Racks
   (a)   Wooden base with good quality mica White surfaces with 30 Cms deep.
   (b)   Two part Vertical of each part 50 Cms.
   (c)   Three part Horizontal size 75 Cms.
   (d)   Sliding Type Doors With Locks.

2-Steel Almirah ---------------------04 no's
   (a) Make------branded
   (b) Size--------110x220x90 cms
   (c) Type-------steel
   (d) Furnishing------well /smooth coated paint
   (e) Six Horizontal parallel steel partition
   (f) Front double Door locking
   (g) Well covering Steel of thickness more than 1.5 mm

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Part-4/3 (Infrastructure) ------

1- Approximate volume of two rooms =200 cubic meter
2- Antibacterial
3 - Stabilizer supported
4 -Split type
5-Required cables
6- Falls ceiling 60 square meter
7- Sound Proofing and dust free environment in 200 cubic meter including
   partition for Recording Cabin Room -
8- Allied compatible equipment
9- Experts Training (On site)

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Note:-

(1) All items of kits should be quoted for branded quality and standard make and model with ISI/ISO or equivalent mark Certification.

(2) All items of hardware should be covered 3 years extensive warranty.

(3) Upgraded version of all Quoted software will be required

(4) Computer hardware/workstation should be branded and not locally make or assembled.

(5) Demonstration or tutorial of any items must be required for all parts/Items.

(6) Validity & Expiry of contents of hardware minimum 3 years.

(7) Tenderer must quote the financial bid for above every Part(Hardware)/Softwares separately, however the purchase committee reserves the right to drop or cancel any item for cost/ budget consideration after deciding L-1 bid.

(8) L-1 bid will be decided on basis of total cost of all kits, not on the individual Part (Hardware) /Softwares cost.

(9) Instrument equivalent of proprietary items.

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U.P.POLICE TECHNICAL SERVICES, HEAD QUARTERS,

IVth FLOOR, JAWAHAR BHAWAN, ASHOK MARG, LUCKNOW-226001

GENERAL TERMS AND CONDITIONS FOR TENDERS

The details of specifications & instructions are to be followed strictly in accordance with the tender notice.

1 -The tendering firms are requested to submit the offer in TWO PARTS. The First Part will be named as Technical Offer & the Second Part will be called as Financial Offer. **The technical offer as well as financial offer are to be prepared separately for each tender.** BOTH TECHNICAL OFFER AND FINANCIAL OFFER PROPERLY SEALED IN SEPERATE COVERS, MUST BE KEPT IN ONE BIG ENVELOPE AND SEALED. ON EACH COVER INDICATE CLEARLY THE TENDER NO. _____ ITEM AND DATE_____ OPENING DUE ON _____. DO NOT QUOTE RATES IN THE TECHNICAL OFFER, OTHERWISE THE TENDER WILL BE REJECTED.

2 - After submission of tender any addition, alteration or change in any offer shall not be acceptable.

3 - All the enclosures should be valid on the date of opening of the tender.

4 - If any cutting/ corrections, it should be properly attested by the tenderer.

5 - Earnest money (as mentioned in tender advertisement in news papers) has to be deposited **FOR EACH ITEM SEPARATELY along with the Technical Offer** in the form of **Fixed Deposit of Scheduled Bank** in the name of **Superintendent of Police/ Asstt. Director, Uttar Pradesh Police Computer Center, payable at Lucknow,**. Offers without earnest money will be ignored. If any firm is exempted from furnishing earnest money, enclose government orders. If government order is not submitted by the tenderer his tender will not be considered.

6 - It shall be the responsibility of the tendering firms to present themselves on the dates of opening of Technical & Financial offers and acquaint themselves with the short comings in the tender if any. No separate intimation will be sent to them in this regard.

7- Authorized Agent/ Dealer / Supplier/ Distributor should submit a self attested valid certificate of authority of their Principal/ Manufacturer. Manufacturer should attach a proof of which being so. Authorization is not necessary for Kits, Chemicals, Glassware, General Apparatus, Lab work station, furniture .

8 -Tenderer / Authorized person who shall sign the offer and all the enclosures submitted by them should have signature with their designation, seal and date.

9 - Quoted equipments should be complete working system with all necessary accessories including stabilizer / UPS, cables, wires etc. to run the system properly at the time of installation.

10 - Clearly mention installation requirements in the technical offer. Only space and electrical points will be provided at the time of installation. Installation of the supplied equipments shall be completed within 30 days from the date of receipt of equipment in this laboratory, failing which equipments costing up to Rs.5 lacks, penalty of Rs.100-00 per day and for every additional 5 lacks Rs.100-00 per day may be charged.

11- On Site Comprehensive Warranty of the equipments will be TWO YEARS on parts and labour or as specified below the specifications in the tender form from the date of supply and successful installation. Warranty of consumables and glass wares will be one year or as per their shelf life. Maintenance work of the supplied equipments shall be done by the supplier firm during warranty period.

12 - During warranty period, in case of local service centers complaints should be attended Next Business Day and in case of out station service centers complaints should be attended with in 7 days, failing which equipments costing up to Rs.5 lacks penalty of Rs.100-00 per day and for every additional 5 lacks Rs.100-00 per day may be charged.

13 - Supply is to be executed as mentioned in the purchase order. Officer who is issuing purchase order can permit extra time on his discretion. If after making purchase agreement, any tenderer fails to supply goods of desired quality and quantity within 30 days in case of indigenous supply and 60 days in case of foreign supply, supply order may be cancelled and Security Money/Earnst money deposited by tenderer may be forfeited.

14 - Attach list of organizations to which the equipments have already been supplied and performance reports obtained from them with the technical offer.

15 -The items quoted should be of repute / standard brand. The tenderer should mention full particulars about the brand name, make, model, manufacturer and detailed specifications of the material offered by them with printed literature.

16 -Technical details as per tender specifications or their compatibility with the tender specifications shall be clearly mentioned in the technical offer.

17 - Firms shall quote in Indian Rupees and they must enclose (i) Self attested photocopy of valid U.P. Trade Tax Registration / Central Sales Tax / VAT Registration / latest Clearance Certificate (ii) photo copy of PAN / TAN no. (iii) Bank account no., name of bank and branch.

18 – The tenderer is required to submit an affidavit on 10 rupees stamp paper stating that :
    (1)there is no dispute between the tenderer and state Govt./UP Police.
    (2) the tenderer has no link with Mafia or some unsocial elements or organized crime.

19 - Quote rates including packing, forwarding, insurance, installation FOR destination any where in U.P. excluding all taxes and duties. However VAT, Entry Tax, other taxes and levies etc., should be mentioned separately.
Rates should be quoted in two parts: 1- Cost of equipment with Two years on site comprehensive warranty, 2- Year wise charges for on site comprehensive annual maintenance contract from 3rd year to 5th year.

20 - After the receipt of goods in Forensic Science Laboratory, U.P., as specified in the purchase order(any district of U.P.), installation where needed shall have to be carried out by the firms at the required places within Uttar Pradesh.

21 - Any conditional discount on quantity basis (different discounts for different quantities) shall not be acceptable and such offers shall be rejected out rightly. However, unconditional discount given on quoted price on whole quantity, mentioned in financial offer only be acceptable.

22 - THE Technical Headquater RESERVES THE RIGHT TO ACCEPT OR REJECT ANY TENDER, EITHER IN PART OR FULL, WITHOUT ASSIGNING ANY REASON THERE OF.

23 - Firms must come prepared to demonstrate their goods in Forensic Science Laboratory, U.P., Mahanagar, Lucknow – 226006, on the next date of opening of technical bid. Demonstration will be asked if required, failing which tender will be rejected.

24 - The Technical Headquater has right to accept any lower or higher rates of the tenders without assigning any reason.

25- The validity of the rates should be at least for six months from the date of opening of the tender.

26 - In case of imported goods, foreign manufacturers can directly quote their rates but after sales service will be provided by their Indian Branch/ Agent. Name of trained engineers and details of service facilities available should be mentioned in technical offer.

27 - If Indian agents are quoting on behalf of foreign manufacturers/ Principals then self attested valid authority letter from them should be submitted along with the technical offer. Rates should be quoted in FOB as well as CIF Value at New Delhi air port.

28 - Tenderer have to accept one of the following payment terms:

OPTION-A: ON CAD TERMS i.e. 100% payment by Swift/ Wire Transfer to tenderer's Bank Account upon submission of required documents together with certificate of acceptance of equipment by the end-user's Department/Consignee to release 100% payment to the supplier.

OPTION-B: On LC Terms i.e. Letter of Credit for 100% value of the purchase order shall be established. Payment shall be released to the supplier by the Bank upon submission of documents to the bank by the beneficiary together with certificate of acceptance of equipment by the end-user's Department/Consignee after its installation. Bank charges in India shall be born by us whereas all bank charges in the foreign country, including confirmation charges of Letter of Credit, shall be to the account of the supplier.

29 - It will be the responsibility of the Indian agent of foreign principal to clear the consignment from customs and deliver it to Forensic Science laboratory, Lucknow/Agra/Varanasi as specified in the purchase order. The Indian Agent would bear the custom clearance charges (except custom duty), transportation charges, octri etc. for supply of the goods to F.S.L. Lucknow/Agra/Varanasi.

30 - Forensic Science Laboratory, U.P., has to pay concessional customs duty . Custom duty at concessional rate certificate will be provided by FSL.

31 - Successful Tenderer will deposit 10% of the cost of equipment in India as security money and sign a purchase agreement within 7 days after receipt of purchase order on Rs. one hundred non judicial stamp paper at their own cost. Draft of purchase agreement shall be enclosed with the purchase order. Purchase order to the firms, who fail to execute the agreement shall be cancelled and EMD deposited by them shall be forfeited. **Owner/partners of the firm /authorized person will sign purchase agreement. All signatures should be attested by notary.** (authorized person will attach authority letter of owner / partners of the firm.)

32- Security Money will be in the form of Fixed Deposit of Scheduled Bank in the name of Superindent of Police / Asstt. Director , Uttar Pradesh Police Computer Center, payable at Lucknow, or in the name of tenderer and pledged to Superindent of Police / Asstt. Director, Uttar Pradesh Police Computer Center, Lucknow, which will be returned after expiry of warranty period.

33 - After thorough examination if the equipment delivered is found defective and unserviceable , it is to be replaced with new one within 30 days in case of indigenous items and 90 days in case of imported items. The expenditure incurred on this account will be borne by the "Supplier Firm". In case of inability to do so, the total cost of the equipment shall have to be refunded by the firm to the government of U.P.

34 - Bill to be submitted in triplicate by the firm in the name of Dy. Inspector General of Police, U.P. Police Technical Services, Head Quarters, Lucknow. Normally payment of bill will be made within 30 days but in case of delay no interest will be paid.

35 - Special Terms and conditions if any for any particular equipment has been mentioned below the specifications of the equipment in the tender form.

36 - If any item is on D.G.S & D/ D.I. rate contract enclose copy of rate contract along in the technical offer.

37 -Tendering firms will also impart hands on training for the supplied equipments wherever necessary free of cost.

38- Due to continuous research and developments and introduction of new models tendered can supply upgraded model at the same quoted price with permission of the department.

39 - Tendering firms should ensure that they will make available consumables, spares and services for equipments at least for five years from the date of supply and installation.

40 - If supplier is unable to supply consumables, spares and services for five years, he has to take back the supplied equipment and replace it by upgraded version free of cost.

41 - Supplier firm will provide driver software for new operating systems free of cost for 05 years.

42 - Tenders received after the due date and time or incomplete tenders will not be accepted. This office will not be responsible for postal delay.

43 - Conditional tenders will not be accepted.

44 - If any firm will be defaulter of any terms and conditions given above the undersigned has right to deduct the part or full amount of the Earnest money/ Security money deposited by the firm , firm may be black listed and legal action may be taken.

45 - All disputes will be subject to jurisdiction of court at Lucknow only.

Following declaration form duly filled in and signed should be submitted along with the technical offer failing which tender will be rejected.

(Amitabh yash)
Inspr.Genl.Of Police,Technical Services,
U.P. Police Technical Services, Lucknow

DECLARATION

I, (name of authorized representative)--- Son of-
--of M/S (Name of firm) ---
--- --have read all the rules of tender (1 to 45) given above. These are acceptable to our firm. Earnest Money in the form of Fixed Deposit of scheduled bank Rs.----------------------- (in words)--------------
--- in favors of **"Superintendent of Police / Asstt. Director, Uttar Pradesh Police Computer Centre, payable at Lucknow** is enclosed herewith.

PLACE: --------------
DATE----------------

(Signature and seal)