

ज्ञापिकांक 106/105570/आपूर्ति

95-1-8-2017

पुलिस महानिदेशक का कार्यालय, बिहार, पटना

पटना, दिनांक-25/01/19

सेवा में,


निदेशक,
सूचना एवं जनसम्पर्क विभाग,
बिहार, पटना।

विषय— अल्पकालीन निविदा आमंत्रण सूचना सं०-28/2018-19 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में अल्पकालीन निविदा आमंत्रण सूचना सं०-28/2018-19 की प्रतियाँ भेजते 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।

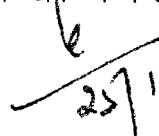
इस निविदा आमंत्रण सूचना का प्रकाशन किन्-किन समाचार पत्रों में किया गया इसकी सूचना देने की कृपा की जाय।

अनु०—यथोपरि।


पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना

प्रतिलिपि:-

1. आई०टी० मैनेजर, पुलिस महानिदेशक का कार्यालय, बिहार, पटना को कृपया सूचनार्थ। कृपया इसे आज ही वेबसाइट पर अपलोड किया जाय। साथ ही Indian Trade Journal, Kolkata के अंक में प्रकाशन हेतु Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054, (Tel No. 011-23812527, FAX : 011-23817846), Email Id-sk.mondal.dgcis@nic.in के पतेपर भी अनिवार्य रूप से भेजा जाय।
2. Government of India, the Controller of Publications, Civil Lines, Delhi : 110 054, (Tel No. 011-23812527, FAX : 011-23817846), Email Id- sk.mondal.dgcis @nic.in को कृपया सूचनार्थ एवं आवश्यक क्रियार्थ प्रेषित। अनुरोध है कि उक्त निविदा का प्रकाशन Indian Trade Journal, Kolkata के अंक में करने की कृपा की जाय।

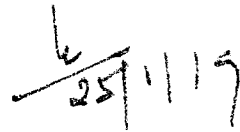

पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना

Police Headquarters, Bihar, Patna
Notice Inviting Short Tender No.-28/2018-19

1. Name of the Department: Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the short tender : 12/02/2019, Till 02:00 PM
3. Date & time fixed for the opening of the short tender : 12/02/2019, At 04:00 PM
4. Place fixed for receiving & opening the tender : Office of Director General of Police, Bihar, Patna.
5. Details of Job:

S.N.	Item name	Quantity
1	Digital Forensic Evidence Examination Station with 50x Magnification	01
2	Palm print scanner with laptop, printer and Enrolment Software	01
3	Mobile Multispectral Finger Print Detection and 4k imaging system for scene of crime (Portable)	01
4	Manual Finger print taking compact cabinet/bench	01
5	Finger print Dusting work station for Laboratory	01
6	Electrostatic Dust Finger Print lifter	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.gov.in or www.biharpolice.bih.nic.in.



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Bihar, Patna

Terms & Conditions of Short Tender No.-28/2018-19

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1. 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".
2. All relevant papers/ E.M.D./certificates/specifications etc. of items should be enclosed in the Technical Bid.
3. The rates of the items shall be quoted in the Financial Bid only.
4. All charges like IGST/CGST/SGST 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.
5. 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
6. There should be no cutting, over writing or correction on the rates.
7. 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.
8. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.
9. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked Short Tender No-28/2018-19 (Technical Bid) and Short Tender No-28/2018-19 (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 Short Tender No-28/2018-19. This envelope should not bear the name and address of the firm.
10. Income Tax Returns of last three years, a photocopy of GST registration number of the participating firm and turn-over of any two of the previous three financial years should be submitted with the technical bid. It should be specifically mentioned whether IT return has been filed manually or electronically.
11. The turnover of the firm for the last reported financial year should be at least equal to the amount of the supply order which is being issued. A copy of the profit and loss Account of the firm for any two of the previous three financial years, 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. Tender specific authorization from the OEM must be submitted, but in certain cases where authorization from OEM is not required, the Technical-cum-User committee (T.U.C.) shall decide about exemption (if any) on a case-by-case basis; citing appropriate reasons for the same.
12. If there is some discount in the price of any item, it should be deducted from price itself and such discounts should not be quoted separately.
13. 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.
14. A copy of the test report for the product issued by any established and recognized private Laboratory or by agency accredited by the Government should be attached with the technical bid. However if required, the Technical-cum-User committee (T.U.C.) can take decision regarding exemptions/relaxations (if any), citing appropriate reasons.
15. In case of Bullet Proof/Bullet Resistant items, test report of TBRL or any Government Approved/Recognized Laboratory is compulsory.

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16. Firms participating in this tender shall also submit duly sworn affidavit to the effect that " this firm has not been black listed/debarred by any Government or Semi Government or Private Agency and no sister concern of this firm is participating in this tender."
 17. Firms participating in this tender shall also submit the self attested list of users of its equipments.
 18. All items shall be received at Central Clothing Store, Patna; therefore price should be quoted FOR Central Clothing Store, Phulwari Sharif, Patna.
 19. Firms will have to deposit a sum of Rs.25,000/- (Twenty Five Thousand) only as an earnest money deposit in the form of Bank Draft duly pledged in favor of the undersigned along with the quotations. The small scale units located in Bihar shall not be liable to deposit earnest money. Exemption from submitting E.M.D. will also be available to those who are registered with the Central Purchase Organization/State Purchase Organization and National Small Industries Corporation (NSIC).
 20. Technical Bids will be opened on scheduled date and time in the office chamber of Police Headquarter. 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 after-sales 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 expected to submit the duly filled chart attached herewith, along with the technical bid if not the tender shall be summarily rejected.
 29. Indexing of the requisite documents must be done and submitted along with the technical bid.
 30. Hands on training for 3 weeks of the equipment must be imparted to the user group by the firm after successful installation.
 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.
 33. The bids must be include the data sheet of individual item.

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Bihar, Police.

(2) Technical Specification for Digital Forensic Evidence Examination Station with 50X magnification

S.No.	Descriptions	Remarks
1	Digital Optical Video Magnifier with 50X Magnification	It should facilitate viewing small forensic details of evidences and fingerprint with its movable viewing table and fully adjustable magnification-up to 50X. It should be able to examine forms, shapes and sizes of the evidences.
2	Display Screen	It should feature a wide range of color correction, brightness and contrast on the oversize 22-inch LCD, high resolution (1680x1050 pixels) viewing screen. It should be able to display sharp, clear, high resolution images. The LCD flat panel display should allow to adjust the height and angle of the screen for the best view and better ergonomics while viewing.
3	Forward-mounted camera	The forward-mounted camera should be high above the table so that the three-dimensional view of objects/ evidences can be clearly captured and viewed. It should have the feature to increase or decrease brightness using camera gain control, regardless of direct or ambient light.
4	Inbuilt LED Light Source	Two LED lights should be on either side of the camera providing object illumination, which is diffused to prevent glare and reflections when viewing shiny or reflective objects. LED should have 1,00,000 hours of operation.
5	Physical Mark -up	The system should have magnet bar built into the screen to support acetate sheets so that the print or document examiner can mark items of interest. With the use of a dry erase marker or marking pencil, the sheets can be written on, erased, and used again. This is an essential tool required when comparing latent prints to rolled prints side by side or examining details of the evidence.
6	Acetate Sheets	100 nos.
7	Integrated Software for Capturing Images and live video feed	Following are the required features of the Integrated Software: <ul style="list-style-type: none"> • Should have onboard controls to adjust brightness, contrast & reverse or colorize the pictures. • Connect and control from any computer to turn the station LED lights on & off, adjust screen colors, pause the camera and adjust the brightness of the images. • JPEG images can be saved for use in presentations, stored as electronic records, or transferred to a photo editing program for sizing and submission. • Freeze Frame - Should allow the user to Freeze the image on the computer screen. When frozen, the user can then use it to display a second image allowing for two images to be compared.
8	Power Receptacle	As required for installation – 110 to 120 V AC
9	User Manual	It should contain detailed procedure to operate the equipment
10	Safety Datasheet	Precautions and safety measures should be explained.
11	After Sale Service for at least 03 years and training to Finger print experts.	-

(3) Technical specification for —Palm Print Scanner with Laptop and Biometrics Software

PALMPRINT SCANNER	
Architecture	Optoelectronic, Single Platen design. The palm print scanner should have single acquisition window on single surface for taking palm, slap and rolled prints through same acquisition window.
Palm	The system should be able to capture upper, lower and writer's palm
4 – Slap	The system should be able to capture simultaneous flat of four fingers and both thumbs.
Rolled print capturing	Rolled print capture at any speed & direction of rolling, using nail to nail technique.
Scan platen size	5.0-inch x 5.0-inch or higher.
Resolution	500 PPI
Gray scale	256 gray level
Dynamic Range	8 bits per pixel
Compensation for smears at rolling	Yes
Elastic Coating (Membrane)	Yes
Moisture Discrimination	Yes
Scanning time	≤ 3 seconds for flat and palm ≤ 5 seconds for rolled finger prints.
Interface	USB 2.0/3.0
Operating temperature and storage temperature	0°C to 50° C
Weight	Easy to carry manually and transportable less than 10 Kg
Power	External power supply adapter for 100-240 V AC, 50-60 Hz, auto adjusting
Operating system	Windows/Linux
IP rating	IP54 (for protection from dust, debris and liquid)
Carrying case	The equipment should be provided with a proper carrying case for easy and safe transportation.
BIOMETRIC SOFTWARE FOR ENROLMENT OF FINGERPRINTS/PALM	
Functional Capabilities	<ul style="list-style-type: none"> • Fingerprinting/enrolling a subject • Inputting and saving text data and fingerprints/palmprints in a file on the computer memory • Saving photo images of person fingerprinted • Creation of Ten Print Cards • Local Database creation & storing of Ten print records – maximum 10,000 • Printing Tenprints in Standard Form • Exporting file into NIST format: International Data Exchange format as per ANSI/NIST-ITL 1-2007: FBI CJIS-RS-0010 (V.7) • Search for a Tenprint card/record within local database using one or multiple fingers
Calibration & Diagnostics Check	Factory Calibrated/Sealed with Self-test/diagnostics at Start-up

Automatic Finger Detection	System should detect finger automatically
Sequence Check	Slap to roll comparison software to ensure correct sequencing
Real time scanning display support	High resolution live video display of platen surface on the PC/Notebook during palm/Rolled/ slap capture, real time image quality assurance for evaluating images providing instant feedback.
Quality Check	System should issue message regarding quality of images
Automatic moving to next finger	If quality of image is good, system should automatically accept and prompt for next finger
Image Compression	WSQ compressed FBI certified Software/Algorithm and NIST complaint for maximum minutia extraction.
Image Quality	Complies with FBI IAFIS Image Quality specifications, Appendix F Certified
Report	Report generation as per FPB/Bihar Police/ NAFIS/ CCTNS

OTHER HARDWARE SPECIFICATIONS

Laptop	<ul style="list-style-type: none"> • Intel Core i5 or equivalent Processor – 3.4 GHz or higher with min. 4MB Integrated Cache, Intel QM 67 express or latest suitable' • Preloaded 64-bit Professional version of Operating system – windows 10 • 15" TFT/LED or higher • RAM – 8 GB or above system memory • Minimum 1 TB HDD • Network – Integrated On-board 10/100/1000 Mbps NIC; Wireless LAN IEEE 802.11 b/g/n and Integrated Bluetooth v3.0 or higher. • Integrated Graphic controller & Integrated Audio • Ports – Min. 2 x (USB 2.0) + 2 x (USB 3.0), Card reader, miniDisplayPort with Audio • DVD/CD writer • Antivirus – Preloaded with Client Antivirus Software
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Printer	<ul style="list-style-type: none">Type: Monochrome Laser Jet Single Function PrinterPrint Resolution: 600 x 600 dpi; 1200 x 1200 dpi equivalentMemory: Min. 256 MBDuty Cycle: Minimum 8000 pages per monthPrint Speed: Minimum 18 ppmMaximum Print Size: Up to LegalInput Capacity: 250 sheets or betterOutput capacity: 100 sheets or betterConnectivity: USB 2.0 and USB 3.0 support, Optional: 10/100/1000 BaseTX Ethernet, Wireless LAN, USB 2.0 (Device)OS Compatibility: Windows XP, Windows Vista, Windows 7, Windows 8, Windows Server 2012, Mac OSX (10.4.9 or later), Linux based OS.Accessories: Should be supplied with all necessary cables, suitable Driver software.
HD Web Camera	<ul style="list-style-type: none">Photos: 8 megapixelsHD video calling (1280 x 720 pixels) with recommended systemHD video capture: Up to 1280 x 720 pixelsAutofocusBuilt-in micHi-Speed USB 2.0 certified (recommended)Universal clip to fit on laptopsOS compatibility: Windows R XP/Vista/Win 10 or higher (32-bit or 64-bit)Supporting Webcam Software
MISCELLANEOUS	
Warranty	Warranty 03 years. Sufficient spares should be available in stock with the supplier and certificate from the manufacturer for availability of spares in Bihar for at least 05 years after the warranty period with comprehensive AMC for 05 years. <i>2 training to Fingerprint officers regarding its operation.</i>

(4.) Technical Specification for Mobile Multi Spectral Finger Print Detection and 4K imaging system for scene of crime (Portable)

<u>S.No.</u>	<u>Descriptions</u>	<u>Remarks</u>
1	Handy Tablet	The tablet should have following features: 1. 10" Full HD (1920x1200) resolution screen 2. Windows 10 operating system, 256GB SSD (Solid State Drive).
2	Camera	The camera should have following features: 1. High Sensitivity 4K Camera, which has spectral range from 180nm to 980nm 2. Live Image should be 1920x1080 Full HD 3. Camera should have Digital Zoom Function integrated with the software 4. Camera should be able to record live Real RAW image at the resolution of 4640x3506 5. Camera should be able to record live Real RAW video 6. When RAW video is viewed, system should allow clicking photo from the moment in RAW format with the internal software. 7. Must have UV (UVA-UVB-UVC) /VIS / IR Camera with 16.3 MP, 4K imaging feature.
3	Lens	The lens should have following features: 1. Multi Spectral High-Resolution Lens must have 30mm F3.5 UV lens Transmission Waveband (180nm – 1200nm) 2. This lens should have from 4cm to infinity focus feature 3. Must have minimum f / 3.5 valued lens 4. The system should have a replaceable Macro lighting lens, and this lens should be capable of lighting minimum 5 different wavelengths.
4	Filters	Must have minimum 4 different filters on each filter ring. Thus, the user must be able to quickly switch between filters. At the same time, the filter rings must be easily replaceable without requiring any additional apparatus.
5	Built-in Macro Lighting Led	1. Built-in Macro Lighting Led groups with 5 different wavelengths should have Group 1: 360 - 370nm UV-A Ultraviolet, Group 2: 440 – 455nm Blue, Group 3: 495 – 510nm Cyan, Group 4: 520 – 535nm Green, Group 5:840 – 865 nm Infrared functions on the lens. 2. There must be a sixth lighting group which is 360 – 370nm UV-A Ultra violet allows preventing reflection on the same Internal Macro Lighting system.
6	Light Source	The system should have a Hand Light Source feature with minimum 6W, 254nm UV light and 360 – 370nm UV-A spot light which has built-in Tripod connection on the system.

7	Latent Print Comparison and Examination Software	Following features required in the software: <ol style="list-style-type: none">1. The system should have an advanced software. This software should have Live Image, Archive, Image Processing and Export functions2. Built-in, one-touch software should be able to record different cases3. The images and videos of each case should have dates, when they are clicked. So the user should be able to work comfortably without mixing the images from different cases4. The internal software should have easy use image processing feature that will make fingerprint images more specific5. When changes are made on the original images, the modified image must be saved with new number through the software; Thus the original image should be used as evidence6. The image captured by the device is stored in RAW format which is tamper proof and cannot be altered or modified hence the latent prints captured from scene of crime can be directly shared to AFIS administrator or finger print experts without any alterations. The data integrity insures that the captured images can be produced to the court with evidential values having no possibilities of tampering.7. Latent print comparison and examination software to view latent print side by side with image annotation and inversion
9	User Manual	It should contain detailed procedure to operate the equipment
10	Safety Datasheet	Precautions and safety measures should be explained
11.	After sale service for atleast 03 years and trg. to Finger Print Experts,	
12	should be Handy.	

Specifications for -

(5.) Manual Finger Print Taking Compact Cabinet/bench

S.No.	Descriptions	Remarks
1	Glass Inking Slab	Width = 4" to 7" , Length = 10" to 15"
2	Finger Print Card Holder	Preferably Injection Molded Design with Appropriate size
3	Fingerprint Ink Roller System	Pre-Inked Roller Preferred
4	Cleaning Towelettes	100 pcs
5	Cabinet Finish and Colour	Vinyl-clad, platinum (gray) and epoxy-painted, black
6	Cabinet Material	Aluminum alloy
7	Storage Compartment	Convenient Dimensions for card storage
8	Brackets	For optional wall mounting
9	User Manual	Detailed procedure to operate the equipment should be explained

(6.) Specifications for Fingerprint Dusting Workstation for Laboratory

S.No.	Descriptions	Remarks
1	Chamber with Transparent medium for 360° visibility	Required to process the evidences to develop the latent finger prints using powder and chemical methods: Width: 45" to 55" Depth: 20" to 30"
2	Safety from Dusting	Automatic Safety Controller for constant airflow required Even laminar flow air should pull potential toxic particulate away from the officer's breathing zone and into a multi-level filtration zone
3	Carbon Filters	Multi level Carbon Filters to absorb the hazardous fumes with filter monitoring features
5	Voltage Range	Upto 240V
6	Corrosion Resistance of the Equipment	Epoxy Paint or Powder Coating on the outer body
7	Microprocessor	For Uniform Temperature Control
8	Multiple Doors	Multiple folding sash doors required for easy accessibility to the work station to provide a barrier between the process and the operator for added protection from smaller and lighter particulate
10	AC Mains Adaptor	As applicable
11	Operators Manual	Essential article
12	Safety Data Sheet	Essential article

(7.) Technical Specification for Electrostatic Dust Finger Print Lifter

<u>S.No.</u>	<u>Descriptions</u>	<u>Remarks</u>
1.	Electrostatic Voltage Control unit	Should be able to produce 4000V to 10000 Volts
2	Electrostatic Grounding Plate-I	Nickel-Plated Steel, 4" x 6"
3	Electrostatic Grounding Plate-II	Polycarbonate Insulating Sheet, 5" x 7"
4	Insulated Roller	01 no
5	Battery	Alkaline type 9 volts and above
6	Static Discharge Cable	With appropriate length
7	Metalized Lifting Mats	With Protective Tube, Set of 5
8	Carrying Case	Molded Copolymer case of 12.25" x 9" x 3.875"
9	User Manual	It should contain detailed procedure to operate the equipment
10	Safety Datasheet	Precautions and safety measures should be explained
11	After sale training and service for at least 3 years	-
12	Should be handy	-