

ज्ञापांक..... 8988 / आपूर्ति

92-1-3-2017

पुलिस महानिदेशक का कार्यालय, बिहार, पटना

पटना, दिनांक-26/07/2017

सेवा में,

निदेशक,

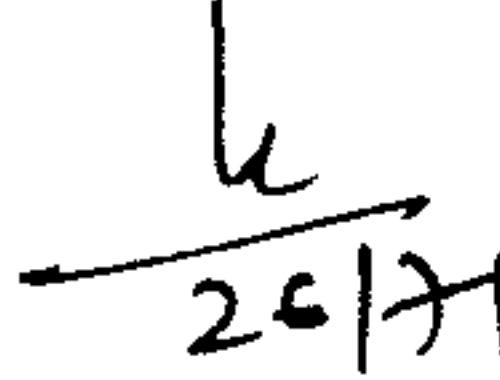
सूचना एवं जनसम्पर्क विभाग,
बिहार, पटना

विषय- निविदा आमंत्रण सूचना सं०-16/2017-18 के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में निविदा आमंत्रण सूचना सं०-16/2017-18 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।

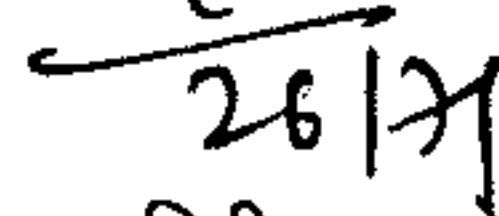
इस निविदा आमंत्रण सूचना का प्रकाशन किन-किन समाचार पत्रों में किया गया इसकी सूचना देने की कृपा की जाय।

अनु०-यथोपरि।


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।

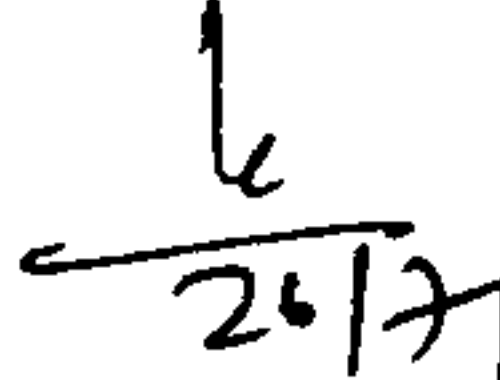

पुलिस महानिरीक्षक के सहायक (क्यू०),
बिहार, पटना

Police Headquarters, Bihar, Patna
Notice Inviting Tender No.-16/2017-18

1. Name of the Department: Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the tender : 24/08/2017, Till 02:00 PM
3. Date & time fixed for the opening of the tender : 24/08/2017 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	Mobile firing rest for firing range	02
2	Bullet volocity measurement system	02
3	F.T.I.R. spectrophotometer	02
4	Deep freezer	02
5	Bullet puller	02
6	Video spectral comparator	02
7	Ion chromatograph	02
8	Flash point apprataus	02
9	Aniline point detector	02
10	Analytical digital balance	15

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 Tender No.-16/2017-18

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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/ E.M.D./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-16/2017-18 (Technical Bid) and Tender No-16/2017-18 (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-16/2017-18. This envelope should not bear the name and address of the firm.
11. Income Tax Returns of last three years, a photocopy of PAN 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.
12. The turn over of the firm for the last reported 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 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.
13. 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.
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.
15. 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.

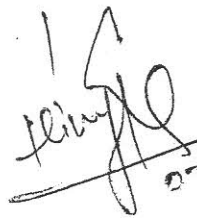
16. In case of Bullet Proof/Bullet Resistant items, test report of TBRL is compulsory.
17. Firms participating in this tender shall also submit duly sworn affidavit to the effect that " this firm has not been black listed/debarred by any Government or Semi Government or Private Agency and no sister concern of this firm is participating in this tender."
18. Firms participating in this tender shall also submit the self attested list of users of its equipments.
19. All items shall be received at Central Clothing Store, Patna, therefore price should be quoted FOR Central Clothing Store, Phulwari Sharif, Patna.
20. Firms will have to deposit a sum of Rs.50,000/- (Fifty Thousand) only as an earnest money deposit in the form of Bank Draft duly pledged in favour 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 Organisation/State Purchase Organisation and National Small Industries Corporation (NSIC).
21. 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.
22. 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.
23. Any paper/document will not be accepted after opening the tender.
24. 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.
25. The firm will be required to provide satisfactory after-sales service after the delivery of the product.
26. The firm will be required to supply all the items within the stipulated time frame as mentioned in the purchase order.
27. Payment for the delivered items will be made only after the acceptance report of the Inspection Committee of the Police Headquarters, Bihar.
28. 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.
29. It is expected to submit the duly filled chart attached herewith, along with the technical bid.
30. Indexing of the requisite documents must be done and submitted along with the technical bid.
31. Hands on training of the equipment must be imparted to the user group by the firm.
32. Director General of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully, without assigning any reason thereof.
33. The Quantity indicated may increase or decrease at the time of issuing purchase order.

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“Specification for Deep Freezer”

- Deep freezer is a low temperature freezer with range of -20deg C with temperature deviation of ± 3 deg C.
- Interior cabinet made of Stainless steel.
- Exterior made of durable non-corrosive powder coated galvanised steel.
- Stainless steel adjustable shelves and compartments provide with separate inner poly-acrylic sub-doors.
- High Density PUF insulation of 75 mm thickness for the cabinet.
- PUF insulated, left hinged, main door with inner FRP lining and lock.
- Hot line around the front of the cabinet to prevent moisture condensation.
- Equipment mounted on lockable castor wheels.
- Silent energy efficient refrigeration system with hermetically sealed compressor and CFC and HCFC free eco-friendly refrigerant.
- Specially designed air-cooled condenser to ensure that the equipment occupies very less space.
- Air cooled condensation system, aided by continuous rated motor fans
- Main door with heavy duty latch and magnetic rubber gasket ensures tight closure
- Refrigeration system with overload protectors and MCB
- Microprocessor based temperature control system with audio visual alarm for high/low temperature deviation.
- Thermistor sensor for accurate temperature measurement.
- Temperature calibration traceable to National Standards.
- Automatic Voltage stabilizer with time delay restart
- CE marked
- Temperature Chart recorder, Cryo Coolant Cassettes back-up, inventory system (Cryo racks & Cryo boxes) etc.
- Compete with latest Model
- Capacity :- 380 Litre
- Dimension- Inner Chamber 1000x620x610 mm.
- Including all accessories for installation.
- Warranty 03 years.


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VIDEO SPECTRAL COMPARATOR based on Hyper Spectral Imaging for Questioned Documents Examination .

Sl No	Description	Quantity
	<p><i>Advanced Video Spectral comparator for the examination of Questioned Documents based on Hyper spectral imaging and spectral processing capabilities for the highest sensitivity for ink analysis, highly suitable for a wide range of evidence applications using Unique two different imaging systems for simultaneous observations of evidence either with Conventional RGB Imaging a.k.a. Digital High Resolution Camera and Hyper spectral imaging through dedicated Spectral Imaging System a.k.a. Hyper spectral imaging Camera for the measurement of evidences in various modes as Absorption, reflectance, transmittance , fluorescence & OVD in whole range. Fully integrated equipment with Personal computer and Monitor.</i></p> <p>Technical Specification:</p>	
01	<p><i>Spectral Imaging System : Digital HR 2.8 MP (1940 x1460) front illuminated CCD Camera</i> <i>RGB Imaging System: Digital High Resolution 3.1 MP (2048 x11526) CCD Color Camera. 8 bit RGB Color</i> Field of view 13 x 1.11mm to 162x 124 mm with 8 dpi resolution Image filter: Liquid Crystal Tunable Filter (450 nm - 950 nm), for Continuous scanning with a Minimum Step as 1 nm, hypercube collection, Spectral Analysis bandwidth: 20 nm Spectral source: High intensity tungsten lamp and Enhanced NIR Emission Motorized zoom adjustments within software control Spectral Range: 450nm - 950nm Measurement mode: Hyper Spectral imaging in Absorption, reflectance, transmittance , fluorescence & OVD in whole range</p>	01
02	<p>Illumination Sources Long wave UV incident & transmitted: Approximately . 365nm peak wave length Medium wave UV incident: Approximately 318 nm peak wavelength Shortwave UV incident: Approximately 256 nm peak wavelength Visible/IR transmitted: behind diffusing window Visible/IR coaxial: Fiber Optic illumination adaptor Visible/IR oblique: Fiber Optic Fluorescence Imaging : OVD LED Illumination in vertical & Horizontal arrays</p>	01

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 17.07.2012
 A.D., (Physics)
 FSL, Patna

03	<p>Software</p> <p>Hyper spectrum Processor Software having facility for 14bits per color channel processing</p> <p>Image calibration & integration, Capabilities to View Multiple Image up to four images at once for image comparison.Split screen for simultaneous analysis for Side-by-side, vertical, and overlay image display, Spectral characteristic and overlay of imagery, Spectral display of each pixel, Synchronized display of spectral-pixel information, Pure spectrum image analysis incorporating Flat field correction, Background Divide ,Vector Normalization & Principal Component Analysis. Flexible Range selection, Processed image reporting & analysis for on screen management.</p> <p>Size adjustment, image offset, infinite rotation visualization function Capabilities for Image Analysis & Onscreen measurement ,Quantitative evaluation of distances, angles, area, feature position coordinates, diameter & radii, Calibration procedures, measuring statistics, on screen rulers, grids and notes, Movie file creation capability, Audit trail recording capabilities .Original color enhancement algorithm, Color parameter measurement XYZ, Luv, Lab Value. ,Pixel intensity measurement for color measurement,</p>	01
04	<p>Computer & Printer</p> <p>Core 2 Duo or equivalent PC ,2.5 GHz Processor or higher,8 GB RAM or higher , minimum 320 GB Hard drive,DVD-RW,Gigabit Ethernet .Windows 7 Pro or higher, Minimum 30 inch HR LCD Monitor & Color Laser Printer</p>	01

Umesh K. Singh
 17.09.2017
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Technical specifications of FT-IR Spectrometer

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1. The spectrometer should be able to record the spectrum of a sample in the wave number region of $7500 - 350 \text{ cm}^{-1}$.
2. The spectral resolution should be better than 0.20 cm^{-1} .
3. The spectrometer must have a motorized, continuously variable aperture, for optimal peak shape collection of data.
4. The Interferometer must be a dynamically aligned, non-air bearing/air bearing/any other advanced type Michelson design.
5. Instrument should have the optional rapid scan facility and it should be able to collect 90 spectra per sec.
6. Instrument should be upgradeable to Vis, Near IR and Far IR range.
7. The interferometer must be capable of supporting an optional Automatic Beamsplitter Exchanger accessory without modification and it should cover Near, Mid and Far IR.
8. The instrument must be capable of 53,000:1 peak to peak (in one minute scan) signal to noise ratio, measured at 4 cm^{-1} resolution in the well proved standard region of $2200-2100 \text{ cm}^{-1}$.
9. Wavenumber precision should be better than 0.01 cm^{-1} .
10. The spectrometer cover shall be sealed and desiccated and must be equipped with coated KBr sample compartment windows. The instrument must be equipped with the necessary internal plumbing and external connector for optional purge operation
11. Optics: Gold Coated.
12. The system should have one DLaTGS detector to function at room temperature and it should have the facility to keep MCT detector (with liquid N₂ hold time of more than 12 hrs) simultaneously if purchased at a later stage.
13. The instrument must support up to three detectors and it should have the facility to place it permanently in the detector compartment and should be software selectable.
14. Major components like Source, Laser, and interferometer must have default warranty of five years.
15. Other Accessories: 1) Demountable cell with KBr windows & Assorted PTFE Spacers for Liquid Samples. 2) General Purpose FT-IR Sampling Kit: 15 Ton Hydraulic KBr Press, KBr pellet holder, 13 mm KBr Die set, Agate Pestle and Mortar etc. should be quoted.
16. Optional Accessories: Single Bounce ATR with Monolithic Diamond crystal to meet complete MIR range ($7,800 - 400 \text{ cm}^{-1}$).
17. The instrument should be upgradable with Raman, TGA, GC and FT-IR Microscopy systems.
18. System should have the facility of at least two external output beams and two external source inputs.
19. Branded Desktop PC, Inject Printer should be provided along with system.
20. Software should have tools for Quantification method development and prediction using Beers' law, PLS, PCR etc.

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Technical specifications of FT-IR Spectrometer

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21. Software should have feature for mixture analysis for automated spectral subtraction followed by library search with at least 8000 spectra.

Essential Accessories

1. Guarantee- one year
2. Comprehensive warranty for entire system next 2 years
3. Non comprehensive AMC for next 3 years. Please provide year wise AMC offer.
4. CMC for next 2 years, please provide year wise CMC offer(including service charges or any other taxes if applicable).
5. Complete operational trainings to be provided to working analysts at site.
6. All related and essential accessories are to be quoted.
7. System should have following safety and regulatory certifications like international electro technical commission (IEC), CSA, NRTL, EMC, RFI & ISO 9001.
8. At least 10 day's onsite training after installation should be provided.
9. Spare parts for two years/Requisite must be supplied with the system for smooth operation.
10. Installation, commissioning at the end user site - free of cost.
11. UPS- 3KVA Online UPS with minimum 30 minute backup to be quoted.

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