

ज्ञापांक.....५९९५...../आपूर्ति

95-1-6-2016

पुलिस महानिदेशक का कार्यालय, बिहार, पटना।

पटना,दिनांक- २९-८-१६

सेवा में,

निदेशक,
सूचना एवं जनसम्पर्क विभाग,
बिहार, पटना।

विषय- निविदा आमंत्रण सूचना सं०-३३/२०१६-१७ के प्रकाशन के संबंध में।

निदेशानुसार उपर्युक्त विषय के संबंध में निविदा आमंत्रण सूचना सं०-३३/२०१६-१७ 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।

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24/8

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

प्रतिलिपि:-


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

Police Headquarters, Bihar, Patna
Notice Inviting Tender No-33/2016-17

1. Name of the Department : Office of Director General of Police, Bihar, Patna.
2. Last date & time for the acceptance of the Tender : 28/09/2016, Till 11:00 AM.
3. Date & time fixed for the opening of the Tender : 28/09/2016 At 11:00 AM
4. Place fixed for receiving & opening the tender : Office of Director General of Police, Bihar, Patna.
5. Details of Job :

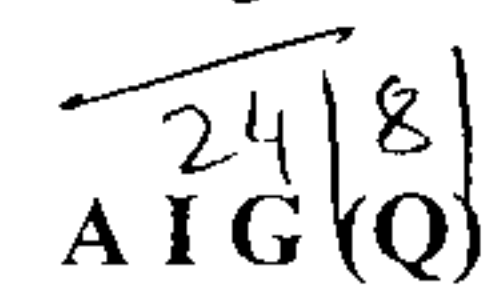
S.N.	Item name	Quantity
1	Comparison Microscope	02
2	G.C. with Head space	02
3	Compound Microscope	02
4	Water Purification System	02

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


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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/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-33/2016-17 (Technical Bid) and Tender No-33/16-17(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-33/2016-17. This envelope should not bear the name and address of the firm.**
11. Up-to-date Income Tax Returns, Turn Over of last three financial years and a photocopy of PAN of the participating firm should be submitted with the technical bid. It should be specifically mentioned whether IT return has been filed manually or electronically.
12. The turn over of the firm for the 2015-16 financial year should be at least double the amount of the supply order which is being issued. A copy of the profit and loss Account of the firm for the 2015-16 financial year, certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorized dealer or authorized supplier of manufacturing firm, then the certified details of the turnover of authorizing firm may be accepted.
13. If there is some discount in the price of any item, it should be deducted from price itself and should not be quoted separately.
14. If the product is available on DGS & D rate contract, then a copy of the contract must be attached and pricing be done including all taxes.
15. A copy of the test report for the product issued by a competent authority within last one year should be attached with the technical bid.

- case of Bullet Proof/Bullet Resistant items, test report of TBRL is compulsory.
- 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 in the form of Bank Draft duly pledged in favour of the undersigned along with the quotations.
 21. Technical Bids will be opened on schedule 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 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 compulsory 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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Bihar, Police

Specification for comparison microscope fully automatic digital comparison microscope for fired ammunitions, tool marks, bullets, complete with high resolution imaging work station, documentation

1. Stand :-Heavy stable torsion free stand with height adjustable motorized column-z-range 255 mm or higher, for comparison bridge carrier with stages and objective nose piece.
2. Comparison Bridge :- Comparison bridge with push button operation with optical unit having facility for full image, split image as well as super imposed image for comparison.
3. Integrated and tilting ergo-binocular viewing port (5 to 35 degree variable angle of observation)
4. Motorized magnification changer with a factor 1 x and 1.5x.
5. Motorized Ergonomic table with height adjustment facilities through integrated touch pad switch.
6. X-Y stages with travel range 50 mm x 50 mm.
7. Smart controller for automatic X, Y, Z movement.
8. Suitable rotating stage for bullet holders & tool marks provided with appropriate holder's for bullets, tool marks, cartridge case.
9. Motorized work-bench-580 mm x 1200 mm, universal power supply 90v-250v, AC lifting speed 12 mm/sec lifting Load capacity-2000N maximum height adjustment. Easy to control, Easy to use, lighting controls and z column position.
10. Magnification-6x-100x with more and more magnification click stops.
11. Integrated inclined Binocular tube with viewing angle low for comfort and video documentation port.
12. Illumination system :- Transmitted light source for both stages, cold light reflected illuminators and fiber optics with inbuilt intensity control.

Handwritten signatures and initials

13. Digital camera – A high resolution digital camera for giving Image of microscope to the monitor with better capacity. Live transfer of images for fast focusing and positioning with necessary c-mount and adapters.
14. Apochromatic corrected macro objective 0.4 x, 1x, 2x, 4x telocentric with its diaphragm and micro objective. Eyepiece 10x/22 Fov Maximum magnification :- 4x to 60x in the observation plane and 10x to 152x in the image plane.
15. All optics should be HC (Harmonic Components System) graded and corrected.
16. Universal sample holders with rotating disc and accessories for different types of bullets, shells, cases, splinters of various calibre and bore.
17. Digital Imaging workstation & software.
18. PC system with colour laser jet printer.
19. Competent with ASTM D method certified by ISO, BIS certified for IQ, PQ and OQ.
20. Competent with latest Model.
21. Including UPS and all installation accessories.
22. Comprehensive warranty for entire system next 2 year after guarantee.
23. Non comprehensive AMC for next 3 years. Provide year wise AMC
24. CMC for next two years.


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General Specification- Gas Chromatograph with head space system

A microprocessor controlled Latest Dual channel Gas Chromatograph should be fully automated with following minimum capabilities :-

1. Oven Ramps 20 times or more
2. Electronic Pneumatic Control of carrier gas pressure & flow independently.
3. Oven temperature Ambient up to 450°C. or better
4. One-button access to routine maintenance information.
- a) **Column Oven**
 1. Accommodates up to two or more suitable dimension capillary columns.
 2. Operating temperature range suitable for all columns (capillary) and Chromatographic separations. Ambient temperature +4°C to 450°C or better
 3. Temperature set point: 1°C or better
 4. Column oven cooling from 400°C to 50°C within 5.0 min.
 5. Maximum achievable temperature ramp rate: 100°C/min or better.
 6. Temp. Variation/ rejection : <0.01°C per 1°C
 7. Carrier gas pressure setting range from 0 to 1000 kPa or better.
 8. Electronic Pneumatic Control of carrier gas pressure & flow independently.
- b) **Split/split less capillary inlet (S/SL) with EPC-ONE**
 1. Suitable for all capillary columns (suitable id as per application).
 2. Split/Split less mode for trace analysis.
 3. Maximum temperature : Ambient temp 400°C or more.
- c) **FID Detector**
 1. Flame ionization detector (FID) that responds to most organic compounds.
 2. Minimum detectable level: <1.5pgC/sec or better.
 3. Linear dynamic range : 10⁶.
 4. Flameout detection and automatic recognition.
 5. Maximum operating temperature: up to 450°C.
- d) **HEAD SPACE SPECIFICATION**

Liquid-Head Space-Auto Sampler(Injection Mode) Dual Type
Software controlled Three dimensional X-Y-Z movement Liquid - Head Space-Auto sampler Easy interchange ability for Liquid and headspace sampling
Auto Sampler (Liquid)
Liquid Injection Syringe capacity : Capable of handling liquid volumes in the range from 0.1µL - 10µL or more
Syringe Cleaning - Washing station with minimum 2 solvents or more for a total volume of 40ml or more
Vial volume 2ml or more with required tray
Vial tray capacity 200 or better
Auto sampler (For Head Space)
HS Syringe capabilities : 1ml, 2.5ml, 5ml or more
Syringe temperature 40°C or less to 150°C or more
Syringe flush Using inert gas
Incubation oven capacity 6 vials
Incubation oven temperature range 40°C or less to 150°C or more with agitation
Vials volume capability : (2ml, 10ml and 20ml) each type of vial to be supplied 100no/type
Vial tray capacity 150 or better
Overlapping sample processing facility should be provided
Validation - system should have validation facility
Vials and Syringes
HS- Vials with caps and septa 5000 sets compatible with supplied system (20ml)
Liquid auto sampler vials with caps and septa 5000 sets compatible with supplied system (2ml)
Injection syringe - liquid 10 micro litre - 5nos : Headspace syringe: 2.5 mL capacity - 3nos
Crimper-decrimper for headspace vials
- e) **Chromatographic Data Software:**
64-bit Windows 7compatible one software control for the GC and its modules customizable reports, data acquisition and post-run analysis. should have qualification functions IQ/OQ/PQ, All-in-one file configuration for easy data transfer , customized report generator, data management etc.

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- f) **Columns:**
Capillary Columns for Pesticides, Drugs & Alcohols analysis and related products.
 - 1) DB-Wax ert - 50m×0.32mm×1 micrometer film thickness- 2 numbers or Equivalent
 - 2) DB 624 - 30m×0.53mm×3 micrometer film thickness - 3 numbers or Equivalent
 - 3) DB 624 - 60m×0.25mm×1.4 micrometer film thickness-2 numbers or Equivalent
 - 4) CP-Wax 57 CD- 25m×0.25mm(I.D) ×02 micrometer film thickness -1 number- for alcohol and related analysis for breweries and wine industries or Equivalent.
 - 5) User Friendly Software (Licenses version)- Should be Windows based operation system with validation facility for Chromatography.
- g) Computer controlled system, 19 TFT monitor computer system with 500 GB hard disc, 04GB RAM with other latest configurations of reputed make, laser printer of reputed make. Software should provide total support to analysis work controlling all the modules, Software features include high speed data acquisition and build analysis compatibility, full qualitative and quantitative processing function capability, customized report generator, networking capability, data management etc. All-in-one file configuration for easy data transfer, customized report generator, data management etc.
- h) UPS - One 10KVA Online UPS with 2 hour backup form (**True online UPS, with isolation transformer**) single phase Input/Single Phase Output along with input power factor 0.99 with inbuilt isolation transformer. True Online double conversion DSP Technology bases UPS, **SMF battery for 120 minutes back up 12V, 42AH, 26Nos. of Battery, Rack and interconnecting cable for 26nos. 42AH Batteries.**
- i) Hydrogen and Nitrogen (Imported) Gas Generator with all spares - 450ml/min, purity 99.9999%
- j) Zero Air generator (Imported) - One for GC and FID operation with all spares, gas lines, valve, gas controller, **1.50 lit/min capacity.**
- k) Gas cylinder with SS dual stage regulators (two sets) (High Purity Helium) - Two Cylinders with all Cylinder certification.
- l) Gas distribution panel with purifiers, moisture trap. Oxy Trap, Hydrocarbon Trap SS regulator, toggle valve, Pressure gauge, gas controller and international standard coated gas lining to be included in the offer.
- m) One tool box with all kits.
- n) Crimper and DE-crimper - 1 set imported
- o) Requisite Equipment Platforms for GC with HSS. computer & Printer
- p) Hot Air oven for vial dry purposes - 1 number.

q). Essential Accessories :

- (i) Guarantee - One year
- (ii) Comprehensive warranty for entire system next 2 years
- (iii) Non comprehensive AMC for next 3 years. Please provide year wise AMC offer.
- (iv) CMC for next 2 years, please provide year wise CMC offer (including service charges or any other taxes if applicable).
- (v) Manufacturer should certify that all spares and consumables will be supplied 8 years from the date of Installation of the system for smooth functioning.
- (vi) System should have following safety and regulatory certifications like international electro technical commission(IEC)/CSA/NRTL/EMC/RFI /ISO 9001.
- (vii) At least 10 day's onsite training after installation should be provided including some method development for alcohol analysis.
- (viii) Spare parts for two years/Requisite must be supplied with the system for smooth operation.
- (ix) Installation, commissioning at the end user site - free of cost.

(x) All related essential accessories are to be quoted.

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General Specification - Water purification system

Produce water for microbiology purpose, physical testing/ sterilization / hygienic/temperature control. Produces purified water that meets or exceeds CAP, ASTM, NCCLS, BS from portable tap water.

System Information :

a) Electrical feed voltage	100-230 V +/- 10%
b) Electrical feed frequency	50-60Hz
c) Tap(feed) water connection	1/2" Gaz M
d) Tap(feed) water pressure	0.5-8 bar
e) Pure (Type 2) Product Water Quality Product flow rate +/- 15%, 7 to 35°C	appm 5/hour
f) Resistivity of product water	10 to 15M Ω cm
g) TOC	< 25 ppb
h) Bacteria levels	<1 cfu/ml for UV systems

i. Optionals

Cartilage to be quoted for smooth operation 2years.

i.Feed Water Requirements

Water Quality	: Potable tap water	Total chlorine	:<5ppm
Conductivity	:<2000μS/cm	Minimum feed water pressure :	1.0 bar(15 psi)
Temperature	:5-35°C	Maximum feed water pressure:	6.0 bar (90 psi)
Fouling index	:<12*		

* If the fouling index is >12, additional prefiltration is recommended.

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. Above instruments will be installed at Office of Chemical Examiner Excise, Kumhrar, Patna.
7. All related and essential accessories are to be quoted.
8. System should have following safety and regulatory certifications like international electrotechnical commission(IEC), CSA, NRTL, EMC, RFI & ISO 9001.
9. At least 10 day's onsite training after installation should be provided including some method development for alcohol analysis.
10. Spare parts for two years/Requisite must be supplied with the system for smooth operation.
11. Installation, commissioning at the end user site - free of cost.

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Technical specification for Trinocular Compound Microscope

1. Microscope with automated stand for transmitted light LED illumination provides constant color temperature without heating up the specimen with additional advantage of Long life (approx.. 50,000 hrs). Mains 100-250V, 50-60 Hz.
2. Eyepiece pair 10x/22
3. Automatic light intensity adjustment on magnification (objective lens) change to prevents eyestrain due to sudden surge of light intensity.
4. Motorized Revolving nosepiece or Objective turret with 6 positions or more
5. Automated condenser Achr. apl. A 0.9 with automated head to quickly and automatically adjust its setting or position based on magnification (objective lens).
6. Light ring slides for phase contrast for condenser with slot for sliders.
7. Light ring slides for dark field for condenser with slot for sliders.
8. 3- Step focus drive for coarse, medium and fine focusing, focus torque adjustment with height-adjustable focus knobs for fatigue-free grip.
9. Ultra-hard ceramic stage surface with travel range 76mm x 25mm, suitable for both right-handed operation as well as left-handed operation with X/Y stage control
10. Slide holder for standard slide for easy one hand slide exchange and Object clamp for oil immersion application.
11. Achromatic Objective Lens with good field flatness up to 22mm or more. 5x/0.12 w.d. 14.0mm & 10x/0.25 PH w.d. 17.6mm; 20x/0.40 PH w.d.0.39mm & 40x/0.65 w.d 0.36mm and 100x/1.25 OIL PH w.d. 0.12mm.
12. Immersion liquid, ISO 8036, 20 ml, low auto-fluorescence
13. Focusing telescope for phase contrast
14. Scientific Grade Digital Cooled CCD Camera with resolution 1.3 MP or more. Minimum pixel size of 3.75µm x 3.75µm pixel size (or more), acquisition speed up to 31 fps in full resolution, increased up to 72 fps with binning. with Image analysis software for display of live image and image acquisition and storage. Digitalization up to 16 bit.
15. Suitable C- Mount adapter
16. Dust cover
17. Image acquisition and analysis software package for basic measurement and Images at different wavelengths and contrast methods (channel images) can be acquired and combined into a single RGB colour image (Overlay image).
18. A Suitable branded Desktop PC with i5 processor, 4 GB RAM, 500 GB HDD & 18.5" Monitor & UPS 1 KVA or better features.
19. Microscope, Camera and Imaging software should be from the same manufacturer for better integration and performance.

Shilpi Rani
19/08/16
Y.S.