

बिहार पुलिस मुख्यालय, पटना
निविदा आमंत्रण सूचना सं०-46/2011-12

1. विभाग का नाम- पुलिस महानिदेशक का कार्यालय, बिहार, पटना ।
2. विज्ञापनदाता का पदनाम एवं पता- पुलिस उप-महानिरीक्षक (प्रोविजन), बिहार, पटना ।
3. निविदा प्राप्ति की तिथि एवं समय- दिनांक- 15/02/2012 15.00 बजे तक ।
4. निविदा खोलने की तिथि एवं समय-दिनांक- 15/02/2012 16.00 बजे ।
5. निविदा प्राप्ति का स्थान- पुलिस महानिदेशक का कार्यालय, बिहार, पटना के कार्यालय भवन के मुख्य द्वार पर रखी निविदा पेटी ।
6. कार्य का व्योरा-

S.No	Items name	Specification	Qty
1	Bullet Recovery Box (Steel make)	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	02
2	A System of Velocity measurement of Bullet	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	01
3	Armourer's workshop tool	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	02
4	Explosive Testing Kit	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	02
5	Automatic viscera cutting and distillation apparatus	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	01
6	T.L.C. Plate assembles and accessories	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	02
7	Flash Point Apparatus	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	01
8	Hot air oven	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	01
9	Pharmaceutical Refrigerator	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
10	U.P.S.	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
11	GC-MS (Gas chromatograph Mass spectrophotometer) with head space	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
12	Analytical Digital Balance	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	10
13	Blood Detection Kit	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	4
14	Semen Detection kits	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	4
15	Shaker Machine	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
16	Mixture Grinder Machine	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
17	Electrophoresis Set	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
18	Microscope with Digital Photograph System	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
19	Incubator (Electronic)	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
20	Centrifuge Machine (Electronic)	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
21	Deep Freezer	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
22	Digital P ^H Meter	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
23	Water Bath Electronic Machine	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
24	Comparison Microscope for bullet comparison	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
25	Computer with accessories with printer & Scanner for computerization of FSL	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	16 Terminal

26	UV Lamp with cabinet and goggle	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	4
27	Human Dummy	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
28	Microtomes Rotary, motorised	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
29	H.P.L.C.	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
30	H.P.T.L.C. (High Performance Thin Layer Chromatograph)	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
31	Aniline Point Detector	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
32	Digital Camera	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	10
33	Small Traveling Microscope	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
34	Gun Powder particles test kit	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
35	First Aid Box	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2
36	Binocular Microscope	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	3
37	F.T.I.R. Spectrophotometer	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
38	Furnance (Muffle) 310	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
39	Automatic viscometer	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
40	Explosive/Flammable Liquid Detector	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
41	Device for Trigger pull measurement	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
42	Bullet recovery water tank (steel make)	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
43	Field test kits to bullet hole identification	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
44	Trinocular Microscope with camera	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
45	Automatic distillation analyzer	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
46	Evidence Vacuum Sweeper Kit	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
47	Calorimeter	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	1
48	Oven	Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in	2 Set
Note: Before submitting tender please see tender terms & conditions carefully and then verify your tender from this check list:- 1-For one or more items technical bid be kept in one envelope. 2-For one or more items financial bid be kept in separate envelope. 3-Certificate of manufacturer or authorization must be enclosed. 4-Earnest money of 25000/- 5-Income tax returns & copy of PAN No. 6-Turn Over			

निविदा के नियमों, शर्तों की जानकारी के लिए अधोहस्ताक्षरी के कार्यालय में, पुलिस महानिरीक्षक (प्रोविजन) बिहार, पटना के दूरभाष सं०-0612-2237848 पर सम्पर्क किया जा सकता है, कार्यालय के सूचना पट तथा वेबसाइट www.prdbihar.gov.in or www.biharpolice.bih.nic.in पर देखा जा सकता है ।

उप-महानिरीक्षक(प्रोविजन),

ह०/—
पुलिस

बिहार, पटना ।

TERMS & CONDITIONS OF TENDER NO. 46/2011-12

1. Tender of the firms situated inside /out side the State will be accepted with the condition that if their tenders are approved, the firm shall get itself registered with Commercial Tax Department, Bihar before the purchase order is issued.
2. The tender should be submitted in two parts, (1) Technical bid and (2) Financial bid duly sealed in two separate envelopes super scribed as technical bid and financial bid. The rates shall be quoted in the Financial bid. All charges like BST/CST/Service Tax /VAT etc. shall be clearly mentioned but net rate (in figures and words) including all taxes and duties shall be quoted. Vague offers like indicating taxes "as applicable" will be summarily rejected. There shall be no cutting, over writing or correction on the rates. All relevant papers/certificates/specifications etc. of items should be enclosed in technical bid.
3. 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 be summarily rejected. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.
4. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked "Tender No. 46/2011-12 (Technical Bid) and Tender No.46/2011-12 (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 an another sealed envelope which should be marked as "Tender No. 46/2011-12 ". This envelope should not bear the name and address of the firm.
5. Up-to-date Income Tax returns (SaraI) and a photocopy of PAN of the participating firm should be submitted with the technical bid. I.T. return should have stamp and signature of the concerned department, whether filed manually or electronically.
6. The turn over of the firm for the 2010-11 financial year should be at least double the amount of the supply order which is being issued. A copy of the profit and loss a/c of the firm for the 2010-11 financial year certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorised dealer and authorised supplier of manufacturing firm, then the certified details of the turnover of authorizing firm will be accepted.
7. If there is some discount in the price of any item, it should be deducted from price itself and should not be quoted separately.
8. If the product is on DGS & D rate contract then a copy of the contract be attached and pricing be done with all taxes including Bihar Sales Tax.
9. A copy of test report for the product issued by a competent authority with in last one year should be attached with the technical bid. In case of BP items test report of TBRL will only be accepted.
10. All items will be received at Central Clothing Store, Patna, therefore price should be quoted FOR Central Clothing Store, Phulwarisharif, Patna.
11. **Firms will have to deposit a sum of rupees 25000/- (Twenty five thousand) only as an earnest money in the form of postal saving passbook / NSC/Bank draft duly pledged in favour of the undersigned along with the quotations.**
12. Technical bids will be opened 15/02/2012 at 16.00 PM in the office chamber of the undersigned. Representatives of the tenderer may remain present at the time of opening of the technical bid.
13. The technical bid will be opened first and if it is found as per tender conditions, it will be put before Central Purchase Committee. The firm may have to participate in discussions with this committee and / or be required to demonstrate the quoted product. Any paper / document will not be accepted after opening the tender.
14. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the stores as security money in the form of Postal Saving Pass Book/NSC/Bank Guarantee duly pledged in favour of undersigned.
15. The firm will be required to provide satisfactory after sale service.
16. The firm will be required to supply all the items within 30 days from the date of placing order.
17. Payment for the delivered items will be made after receiving OK report from the Inspection Committee.
18. The firm whose quotation is approved shall be issued A/T. Purchase order shall be issued only after the firm enters into an agreement with the undersigned. Terms & Conditions of the agreement shall be intimated in the A/T.
19. Only such manufactures/authorised dealers and authorised suppliers of manufacturing firm who fulfills the above conditions should quote for supply of items.
20. Updated Technology at the time of supply change in condition.
21. Hands on Training of the user group by the firm shall be ensured.
22. D.G. of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully without assigning any reason thereof.
23. The Quantity indicated may increase or decrease at the time of issuing purchase order.

Sd/
D I G of Police (Provision)
Bihar, Patna.

Specification

S.No	Items name	Specification
1	Bullet Recovery Box (Steel make)	20 ft x 1½ ft x 1½ ft clamping device for different country made fire arms filledwith Ballistic fibres.
2	A System of Velocity measurement of Bullet	Fully automatic device Accuracy upto 0.01 sec.
3	Armourer's workshop tool	Containing Boroscope, Ram Rods with gentle brush, screw drivers for different screws, clamping device
4	Explosive Testing Kit	The detectors are able to detect the full range of the well-known types of military, commercial and the homemade explosives including:TNT/PETN, RDX/NITRATE,UREA NITRATE,AMMONIUM NITRATE,TATP/HMTD,CHLORATE/BROMATE
5	Automatic viscera cutting and distillation apparatus	fully Automatic latest technologies range upto 350c Highly accuracy 230v 10% Ac, 50 Hz
6	T.L.C. Plate assembles and accessories	Size 20cmx20cm Crystalline powder melting point 230c-240c loss on drying 0.5% maximum
7	Flash Point Apparatus	Temp.Range: Ambient to 400°C with RTD sensor. Flame-Detector: Ionization principle based flame-detector sensor. Stirrer: 60 Rpm, A.C. 230 v, 50 Hz. Synchronous motor. Controller: Microprocessor based process controller cum indicator with 3-wire RTD temperature sensor, free potential flame detector sensor as i/p and 230 v triac as relay o/p. Lid-Closing Motor: 60 Rpm, A.C. 230 v, 50 Hz, synchronous motor for de-combustion. Assembly up/down: Motorized 12 v D.C. Flame-Sampling Arrangement: 10 Rpm, D.C. 12 v, gear motor, vertical movement reciprocating motion.
8	Hot air oven	Size of working chamber : 12 inch X 12 inch X 12 inch*.Material of construction : M.S. Temperature range : Ambient to 250°C. Air circulation : Radial fan Timer : Digital
9	Pharmaceutical Refrigerator	Refrigerator for 2 to 14 degree vide objective include medication that need cooled 15 ⁰ C orless – 30°C to - 25 ⁰ C Temperature setting is digital display
10	U.P.S.	UPS-min.1/2 hr. backup Environmental Specifications: Operating Temperature Range: Input Voltage: Nominal and actual allowable range Battery Type: replaceable. Indicators and Alarms: A short listing of the indicator LEDs
11	GC-MS (Gas chromatograph Mass spectrophotometer) with head space	Conforms to ASTM,heater 50°C to 350°C Sample introduction system AOC-20i, AOC-5000, TurbomatrixHS TD-20* (* Specially ordered) Software MDGCSolution, GCsolution GCMSsolution* Software operating environment Windows XP; Memory: 512MB min. Guaranteed operating environment Constant temperature in the range 18°C to 28°C (humidity: 40% to 70%)
12	Analytical Digital Balance	Top loading, Upto 0.001-10gm,Accuracy: ± 1 CCI Unit Display: LCD Measuring Area: 1 cm diameter Sample acquisition time: 2-3 seconds
13	Blood Detection Kit	Kit contains all the essential reagents etc. with the necessary support.
14	Semen Detection kits	complete field and lab kit that enables the investigator to perform contact testing andverification of suspected seminal stains. This test is considered to be the most conclusive test for the presence of semen. The content of this enzyme is from 20 to 400

15	Shaker Machine	<ul style="list-style-type: none"> • 2 plates per platform/mountable • for 56 reaction vials 1.5/2 ml • for microtubes 2 x 48 reaction vials 0.2/0.4/0.5 ml Speed: 200 - 1200 upm Place to use: 170 x 120 mm Power: 220 V 50/60 Hz 2 plates per platform/mountable <ul style="list-style-type: none"> • for 56 reaction vials 1.5/2 ml • for microtubes 2 x 48 reaction vials 0.2/0.4/0.5 ml
16	Mixture Grinder Machine	Powerful motor (230 v, 50 Hz) with fan to avoid over heating 2. RPM more than 3000 3. Stainless steel mixing attachments of 2L and 4l capacities 4. Easy cleaning design 5. Heavy duty cutting edges 6. Suitable for powdering dry spices 7. Electronic speed control 8. Safety system to prevent uncontrolled starting 9. Minimum one year warranty 10. Timer
17	Electrophoresis Set	POWER REQUIRED, VAC 220, 200 VA OPTICAL SYSTEM (SPECIAL/TIME, min) Transmission (OPTICAL SYSTEM) Yes MONOCHROMATOR Interferential filters Wavelengths, nm (OPERATING) 320-650 Absorbance (SIZES, MEASUREMENTS) 320-650, 540, 570 Fluorescence 340 (excitation), 525 (emission) ILLUMINATION SOURCES(S) (OPTICAL SYSTEM) LampHalogen, 12 V, 20 W ZEROING (SIZES, MEASUREMENTS) Automatic, programmable, manual background zero, drift
18	Microscope with Digital Photograph System	400 Digital Binocular 3.15 MP camera, Anti fugal
19	Incubator (Electronic)	Temp. Range: RT +5 ~ 65°C Accuracy: 0.1°C Power/Voltage: 200V 50Hz Timer: Setable from 1-9999 min Different size: available Safety cut off
20	Centrifuge Machine (Electronic)	Double walled-outer mild steel & inner mild steel or stainless steel. 80/20 Ni heating elements Temperature range : 50C above ambient to 300C 20C 230V AC 50 Hz mains supply Digital temperature controller
21	Deep Freezer	temperature up to -80°C. All controls such as temperature display-cum-controller, main switch, pilot light for power and over temperature/power failure alarm etc. are easily accessible. Exterior cabinet is made of M.S. Sheet & finished with epoxy coated paint.
22	Digital P ^H Meter	pH range: 0~14.00 pH Resolution: 0.1 /0.01 pH Accuracy: ± 0.01 pH Temp. Range: 0~100°C pH electrode: 201B-F plastic pH tri-combine electrode (incl. ATC) Includes Magnetic Stirrer Other models are available on request
23	Water Bath Electronic Machine	2 plates per platform/mountable for 56 reaction vials 1.5/2 ml for microtubes 2 x 48 reaction vials 0.2/0.4/0.5 ml Speed: 200 - 1200 upm Place to use: 170 x 120 mm Power: 220 V 50/60 Hz
24	Comparison Microscope for bullet comparison	two ports for bullet comparison, includes Two Photo Ports, connected with computer(Laptop/Monitor) with photo/printing facilities,
25	Computer with accessories with printer & Scanner for computerization of FSL	CPU- with Intel Duo core-.5 Processor, Processor Speed2.6 GHz or above, OS- Microsoft windows,07, XP or Vista or above, RAM- 2GB or more, HDD- 320 GB or more, with network interface, with keyboard, optical mouse, standard ports including USB ports,
26	UV Lamp with cabinet and goggle	With <i>short & long</i> wave length
27	Human Dummy	
28	Microtomes Rotary, motorised	Fully automatic, motorised, rotary
29	H.P.L.C.	Capillary Bin Pump (if byoass, it can do analytical applications without extra investment) Degasser and Solvent tray Micro Autosampler DAD - G1316A Column compartment Suitable software, PC, LAN Connections, and all necessary cables required for full operation.

30	H.P.T.L.C. (High Performance Thin Layer Chromatograph)	<p>§ Capillary Bin Pump upto 6000 psi</p> <p>§ Degasser and Solvent tray</p> <p>§ Column compartment</p> <p>§ Flow accuracy +/- 1.0%</p> <p>§ Flow precision: ± 0.1% RSD</p> <p>§ Programmable flow rate range: 001 - 20.0 ml/min in 0.001 ml/min increments.</p> <p>§ Automatic TLC Sampler, - Fully automatic sample application, suitable for routine</p> <p>Development chamber- All glass, small internal volume chambers, bottom divided into two parts, maximum 5-15 ml mobile phase with all ss lid.</p> <p>Gradient Automatic multiple development chamber - Software controlled gradient elution system</p> <p>Chromatography visualization/ derivatisation system</p> <p>Photodocumentation system- Proper storage of the image and analysis of the image with printable format in colour laserjet printer</p> <p>Chemstation software and PC</p>
31	Aniline Point Detector	<p>Conforms to ASTM D611, IP 2, ISO 2977, DIN 51775, FTM 791-3601</p> <p>Testing Range: -6 to 150°C (12 to 302°F)</p> <p>Temperature Display: 0-999.9°C</p> <p>Electrical Requirements: 115V 50/60 Hz, Single Phase, 0.4 Amp; 220-240V 50/60 Hz, Single Phase, 0.2 Amp</p> <p>Included Accessories: Standard Pyrex™ Test Cell with drain</p>
32	Digital Camera	16.1 mega pixel, ExMOR R Sensor 3D sweep panorama
33	Small Traveling Microscope	for more accurate determination of small variation in the liquids levels of manometers, the refractive indices of liquids as well as in surface tension and viscosity experiments.
34	Gun Powder particles test kit	Essential Reagents and kits for GP particle test, Crushable Ampoules, Gunpowder Particle Collection Lifters, Straight Handle Magnifier in a carrying case
35	First Aid Box	Essential items of first Aid-a flashlight, burn ointment, a thermometer, saline, antiseptic wipes, surgical gloves, safety pins, bandages, and adhesive tape.Sun screen, Extra water, some basic medication etc.
36	Binocular Microscope	Achromatic objectives : 5X, 10X, 45X & 100X - oil immersion ,detachable mechanical stage. Magnification : 50X to 1500X. Eyepieces: 10X, 15X (Paired)
37	F.T.I.R. Spectrophotometer	<p>Conforms to ASTM,Spectral range (cm-1),Standard,Optional,Mid IR: 9,000–375</p> <p>Near-IR: 15,800-2,800,Spectral resolution (cm-1)Guaranteed Better than 0.19,Signal-to-noise ratio,Guaranteed 5 sec p-p Typical 5 sec p-p ,Typical 1 min p-p,Typical 1 min RMS</p> <p>>6,000:1 p-p,>8,000:1 p-p,>28,000:1 p-p,>118,000:1</p>
38	Furnance (Muffle) 310	Operating temperature- room teamp. Control accuracy ± 2°C teamp. Controler by Microprocessor
39	Automatic viscometer	<p>miniQV-X: 254 mm wide x 437 mm deep x 598 mm high (10 x 17.2 x 23.5")</p> <p>Power Supply: 330 mm wide x 396 mm deep x 172 mm high (13 x 15.6 x 6.8")</p> <p>Weight: miniQV-X bath unit: 27 kg (45 lbs); Power Supply: 11 kg (24 lbs);</p> <p>Waste Receiver: 6 kg (13 lbs)</p> <p>Operating Conditions: 15°-30°c, 10%-90% RH non-condensing, Installation Category II, Pollution degree 2</p> <p>Fuse Rating: 115V & 100V Units: M250V 8A, 1.25 X 0.25"; 230V Unit: M 250V 4A, 1.25 X 0.25"</p> <p>Compliance: CE Mark: EMC directive (89/336/EEC); Low voltage directive (73/23/EEC); HI-POT (1900 VDC, 60 sec.)</p> <p>Computer</p>
40	Explosive/Flammable Liquid Detector	Temp range – 200 C to 1100 C viscosity repeatability = 0.3% of measured value.
41	Device for Trigger pull measurement	Spring containing measurement or shear pull, Triqger pull, Blow back pull etc.
42	Bullet recovery water tank (steel make)	Size-20 feetx1.5feetx1.5feet Shock observe for high velocity projectile steel make,
43	Field test kits to bullet hole identification	Essential reagents & kits, containing Crushable Ampoules of Lead Testing Reagent, Lead Solvent, Copper Testing Reagent, Copper Solvent, Test papers, Zipper Bags for Packing positive Test Papers.
44	Trinocular Microscope with camera	Achromatic objectives : 5X, 10X, 45X & 100X - oil immersion ,detachable mechanical stage. Magnification :

		50X to 1500X. Eyepieces: 10X, 15X (Paired) Camera
45	Automatic distillation analyzer	<p>Conforms to ASTM D86, D285, D4737 and related international specifications</p> <ul style="list-style-type: none"> • Pt-100 RTD probe with automatic temperature calibration system • Windows®-based software package for PC control with LIMS export capabilities • Automatic determination of initial boiling point (IBP), final boiling point (FPB), dry point and barometric and residue corrections • Diagnostic system continuously ensures proper unit performance and user safety • Automatic temperature and volume calibration • Programmable distillation rate (2-15mL/min) • Integrated automatic fire extinguishing system with manual operation override
46	Evidence Vacuum Sweeper Kit	<p>Motor: 1200 watt Power: 230/110 volt Airflow: 45 litres/sec Capacity 8 litres Filter: HEPA filter unit Cleaning Range: 26.8 m Weight: 10.1 kilos Size: 355 x 355 x 520mm Kit BB17 supplied with every vacuum cleaner</p>
47	Calorimeter	<ul style="list-style-type: none"> • Automatic cooling • 6-8 tests per hour • Operator time per test is 1 minute • 0.1% precision class instrument • 0.0001 °C Temperature Resolution • 5000 – 8000 calorie sample range • 0.05% Linearity across operating range • FlashROM memory and TCP/IP network communications • Two ports for balance and printer connections • 16.5" wide X 15.5" deep X 20.0" high
48	Oven	Quick auto stop, auto start, Menu keys, Auxillary functions of calibration offset, safety features.