

fcgkj i fyl eq[; ky;] i Vuk
 fufonk vke=k l ipuk l 0&15@13&14

- 1- foHkx dk uke& i fyl egkfun'skd dk dk; ky;] fcgkj] i Vuk A
- 2- foKki unkrk dk i nuke , oairk& i fyl egkfujh{k d ds l gk; d %D; 0% fcgkj] i Vuk A
- 3- fufonk ikflr dh frfFk , oal e; & fnukd&30@10@2013] 14-00 cts rd A
- 4- fufonk [kkyus dh frfFk , oal e; & fnukd&30@10@2013] 16-00 cts A
- 5- fufonk ikflr dk LFkku& i fyl egkfun'skd dk dk; ky;] fcgkj] i Vuk ds dk; ky; Hkou ds eq[; }kj ij j [kh fufonk i s/ha
- 6- dk; Z dk C; ksjk&

| S.N. | Item name | Specification | Qty |
|------|--|--|-----|
| 1 | Bullet Recovery Box (Steel make) | Specification may be obtained from this office. or on website www. biharpolice. bih.nic.in | 2 |
| 2 | A System of Velocity measurement of Bullet | | 1 |
| 3 | Explosive Testing Kit | | 2 |
| 4 | Automatic viscera cutting and distillation apparatus | | 1 |
| 5 | T.L.C. Plate assembles and accessories | | 2 |
| 6 | Hot Air Oven | | 1 |
| 7 | Flat Point Apparatus | | 1 |
| 8 | Pharmaceutical Refrigerator | | 2 |
| 9 | U.P.S. | | 2 |
| 10 | Analytical Digital Balance | | 10 |
| 11 | Blood Detection Kit | | 4 |
| 12 | Semen Detection Kits | | 4 |
| 13 | Shaker Machine | | 2 |
| 14 | Mixture Grinder Machine | | 2 |
| 15 | Microscope with Digital Photograph System | | 2 |
| 16 | Incubator (Electronic) | | 1 |
| 17 | Centrifuge Machine (Electronic) | | 1 |
| 18 | Deep Freezer | | 1 |
| 19 | Water Bath Electronic Machine | | 2 |
| 20 | UV Lamp with cabinet and goggle | | 4 |
| 21 | Microtomes Rotary motorised | | 1 |
| 22 | H.P.L.C. | | 1 |
| 23 | H.P.T.L.C. (High Performance Thin Layer Chromatograph) | | 1 |
| 24 | Aniline Point Detector | | 1 |
| 25 | Digital Camera | | 10 |
| 26 | Binocular Microscope | | 3 |
| 27 | F.T.I.R. Spectrophotometer | | 1 |
| 28 | Furnance (Muffle) 310 | | 1 |
| 29 | Automatic Viscometer | | 1 |
| 30 | Automatic distillation analyzer | | 1 |
| 31 | Evidence Vaccum Sweeper Kit | | 1 |
| 32 | Oven | | 2 |

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TERMS & CONDITIONS OF TENDER NO. 15/2013-14

- 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. 15/2013-14" (Technical Bid) and marked "Tender No.15/13-14" (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 marked " Tender No. 15/2013-14". This envelope should not bear the name and address of the firm.
- 5-Up-to-date Income Tax returns (Saral) 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 2012-13 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 2012-13 financial year certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorized dealer and authorized 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 on 30@10@2013 at 16.00 PM in the office chamber of the undersigned. Representatives of the tenderers 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 favor 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 90 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/authorized dealers and authorized 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/-

**A I G of Police (Q)
Bihar, Police.**

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 filled with Ballistic fibres. |
| 2 | A System of Velocity measurement of Bullet | Fully automatic device Accuracy upto 0.01 sec. |
| 3 | 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 |
| 4 | Automatic viscera cutting and distillation apparatus | fully Automatic latest technologies range upto 350c Highly accuracy 230v 10% Ac, 50 Hz |
| 5 | T.L.C. Plate assemblies and accessories | Size 20cmx20cm, Crystalline powder, melting point 230c-240c loss on drying 0.5% maximum |
| 6 | Blood Detection Kit | Kit contains all the essential reagents etc. with necessary support. |
| 7 | Semen Detection kits | complete field and lab kit that enables the investigator to perform contact testing and verification 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 |
| 8 | 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 |
| 9 | Digital Camera | 16.1 mega pixel, ExMOR R Sensor 3D sweep panorama |
| 10 | Automatic viscometer | Mini QV-X: 254 mm wide x 437 mm deep x 598 mm high (10 x 17.2 x 23.5") Power Supply: 330 mm wide x 396 mm deep x 172 mm high (13 x 15.6 x 6.8") Weight: mini QV-X bath unit: 27 kg (45 lbs); Power Supply: 11 kg (24 lbs); Waste Receiver: 6 kg (13 lbs) Operating Conditions: 15°-30°c, 10%-90% RH non-condensing, Installation Category II, Pollution degree 2 Fuse Rating: 115V & 100V Units: M250V 8A, 1.25 X 0.25"; 230V Unit: M 250V 4A, 1.25 X 0.25" Compliance: CE Mark: EMC directive (89/336/EEC); Low voltage directive (73/23/EEC); HI-POT (1900 VDC, 60 sec.) Computer |
| 11 | Automatic distillation analyzer | Conforms to ASTM D86, D285, D4737 and related international specifications • 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 |
| 12 | Evidence Vacuum Sweeper Kit | 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 |
| 13 | Oven | Quick auto stop, auto start, Menu keys, Auxiliary functions of calibration offset, safety features. |
| 14 | 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 degree C. Air circulation: Radial Fan Timer: Digital |
| 15 | Pharmaceutical Refrigerator | Refrigerator for 2 to 14 degree wide objective include medication that need cooled 15 degree C or less -30 degree C to -25 degree C. Temperature setting is digital display. |
| 16 | UPS | UPS-min. ½ hours. backup. Environmental specifications: Operating Temperature Range: Input Voltage: Nominal and actual allowable range. |

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| | | Battery Type: Replaceable. Indicators and Alarms: A short listing of the indicator LEDs. |
| 17 | Incubator (Electronic) | Temp. range: RT + 5 ~ 65 degree C Accuracy: 0.1 degree C Power/Voltage: 200V 50Hz Timer: Settable from 1-9999 min. Different Size: Available Safety Cut Off |
| 18 | Deep Freezer | 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. |
| 19 | Microtomes Rotary, motorised | Fully automatic, motorized, rotary |
| 20 | H.P.L.C> | Capillary Bin Pump (if bypass, it can do analytical applications without extra investment) Degasser and Solvent tray Micro Auto sampler DAD- G1316A Column compartment, Suitable software, PC, LAN Connections and all necessary cables required for full operation. |
| 21 | H.P.T.L.C. (High Performance Thin Layer Chromatograph) | * Capillary Bin pump upto 6000 psi * Degasser and Solvent tray * Column Compartment * Flow accuracy +/- 1.0% * Flow precision: +/- 0.1% RSD * Programmable flow rate range: 001-20.0 ml/min in 0.001 ml/min increments. * Automatic TLC Sampler- Fully automatic sample application, suitable for routine Development chamber- All glass, small internal volume chambers, bottom divided into two parts, maximum 5-15 ml mobile phase with all lid. Gradient automatic multiple development chamber- software controlled gradient elution system chromatography visualization/ derivatisation system Photo documentation system- Proper storage of the image and analysis of the image with printable format in colour laserjet printer Chemstation software and PC |
| 22 | Aniline Point Detector | Conforms to ASTM D611, IP 2, ISO 2977, DIN 51775, FTM 7913601 Testing range- 6 to 150 degree C (12 to 302 degree F) Temperature display: 0-999.9 degree C Electrical requirements: 115V 50/60 Hz, Single phase, 0.4 Amp; 220-240V 50/60 Hz, single phase, 0.2 Amp included Accessories: Standard Pyrex TM Test Cell with drain. |
| 23 | Binocular Microscope | Achromatic objectives: 5X, 10X, 45X & 100X- oil immersion, detachable mechanical stage, Magnification: 50X to 1500X. Eyepieces: 10X, 15X (Paired) |
| 24 | F.T.I.R. Spectrophotometer | Conforms to ATM, Spectral range (cm-1), standard, Optional, Mid IR: 9000-375 Near-IR: 15800-2800, 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>6000:1 p-p, >8000:1 p-p>28000:1 p-p, >118000:1 |
| 25 | Furnance (Muffle) 310 | Operating Temperature- room temp. Control accuracy +/- 2 degree C temp. Controller by Microprocessor |
| 26 | Flash Point Apparatus | Temp. Range. Ambient to 400 degree C with RTD sensor. Flame-Detector: Ionization principle based flame-detector sensor. Stirrer: 60Rpm, A.C. 230v, 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. 12v, gear motor, vertical movement reciprocating motion. |
| 27 | Analytical Digital Balance | Top loading, Up to 0.001-10gm, Accuracy: +/- 1CCI Unit Display: LCD, Measuring Area: 1 cm diameter. Sample acquisition time: 2-3 seconds |
| 28 | Shaker Machine | *2 plates per platform/mountable* for 56 reaction vials 1.5/2ml * 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: 220v 50/60 Hz 2 plates per platform/ mountable. * for 56 reaction vials 1.5/2ml * for microtubes 2 x 48 reaction vials 0.2/0.4/0.5 ml |
| 29 | Microscope with Digital Photograph System | 400 Digital Binocular 3.15 MP camera, Anti fugal |
| 30 | 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 300OC 20C 203V AC 50 Hz mains supply Digital temperature controller. |
| 31 | Water Bath Electronic Machine | 2 plates per platform/mountable for 56 reaction vials 1.5/2ml 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: 220v 50/60 Hz |
| 32 | UV Lamp with cabinet and goggle | With short and long wave length |