

स्टेट ट्रेडिंग कार्पोरेशन ऑफ इण्डिया लिमिटेड

(भारत सरकार का एक उपक्रम)

जवाहर व्यापार भवन, टॉलस्टॉय मार्ग, नई दिल्ली - ११० ००१

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सामान्य आयात प्रभाग- (छठी मंजिल एनेक्सी)

निविदा संख्या : एस टी सी/जी आई डी/412/2013-14

दिनांक: 09.05.2013

THE STATE TRADING CORPORATION OF INDIA LTD.

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GENERAL IMPORTS DIVISION

(6<sup>TH</sup> FLOOR Annexe)

**TENDER NO.STC/GID/412/2013-14 dated 09.05.2013**

हमारी नीचे उल्लेखित मदों के आयात हेतु हमारे कुछ अंतिम प्रयोक्ता उपभोक्ता की ओर से एक सुदृढ़ इन्क्वायरी है

We have a firm enquiry for import/supply of the below mentioned item(s) from some of our end user customers :-:-

**List of Scientific Equipments to be purchased for respective Locations**

S.No	Name of the Equipment & Specifications	Qty (No)	Location at which Equipment is to be delivered in India
1	<b>Bullet recovery box &amp; storage device for arms and ammunition.</b> <b><u>Bullet Recovery box Specification</u></b> 1. Dimension of bullet recovery box:- 280cm x 50cm x 50cm. 2. Front and back side iron sheet are having 6mm thickness and other walls will be 4 mm thickness. 3. Front panel of bullet recovery box is vacated circularly as 30 cm diameter. 4. Five separators must be imposed in equal distances with good quality fibre sheets.	1	Raipur (Chattisgarh)

5. Bullet recovery box must be filled with good quality cotton weight approximately 80 kg.
6. Top cover is having three windows placed at equal distance.
7. The base stand of bullet recovery box must be fixed at 80 cm. height and height adjustable 80 cm to 150cm.
8. Four metallic wheels must be attached at the bottom of stand for movement.
9. 2 H.P. standard electric motor must be installed for lifting purpose.
10. One hard circular wax plate of thickness 25 mm must be kept at front side firing slab.

**Firearms Storage Device Specification**

1. Dimension of three doors storage device:-1910 mmx 1125 mm x 535 mm.
2. The C.R. sheet will be used of prime quality and thickness of 1.2 mm of body and 1.4 mm of door.
3. Liver rod will be 10 mm round bar.
4. Size of hinges will be 75 mm length x 30 mm width x 1.6 mm thickness
5. Machine made patla of good quality will be used. Patla will be covered by box over fitted with round hard screw.
6. Heavy lock will be used and dye cast plated handle with washer and nut.
7. Leg height will be 125 mm x 90 mm x 535 mm.

**Ammunition Storage Device Specification**

1. Dimension of three doors storage device:-1910 mm x 1125 mm x 535 mm.
2. The C.R. sheet will be used of prime quality and thickness of 1.2 mm of body and 1.4 mm of door.
3. Liver rod will be 10 mm round bar.
4. Size of hinges will be 75 mm length x 30 mm width x 1.6 mm thickness
5. Sixty number of inside boxes of equal dimension as 200 mm. x 535 mm. must be installed in the storage device.
6. Heavy lock will be used and dye cast plated handle with washer and nut.
7. Leg height will be 125 mm x 90 mm x 535 mm.

Warranty should be minimum one year from the date of installation and commissioning

2	<p><b>Velocity Measuring Instrument</b></p> <p><b><u>Velocity Measurement System PC Based Specification</u></b></p> <p><b><u>OPTICAL DETECTOR UNIT SPECIFICATION</u></b></p> <p>Lens 50mm Focal Length Camera lens working at full aperture.  Field of View <math>36^{\circ} \pm 2'' \times 0.17'' \pm 0.01''</math> for 59mm lens  Projected Slit Width at 1m 3mm for 50 mm lens.  Operatign Brightness Range 15 to greater than 1500 cf/m<sup>2</sup>  (from 50 to greater than 5000 foot laberts) at a source  colour temperature 2780°K.  Slit Position Defined by two bosses brought out on plinth.  Vertical Alignment 0.3m Rad.  Pre-set Elevation Angle 0.15, 30 and 45 degrees.  Sensitivity The Optical Detectors will respond to less than 0.1  % change in ambient light level.  Projectile calibre 2mm to 155mm and above.  Projectile Velocity 19 m/s to greater than 5000 m/s  Monitor Outputs The level of illumination may be monitored in  terms of the DC voltage at the BNC socket.  mounted on the base of the Detector. This level may also be  remotely monitored.  Pulse Output Fed by line driver to the 817, BDAS or other unit.  Power Supplies Furnished by the Remote Unit and fed by way  of a multicore cable.  Environment:  Operating temperature Range -25°C to + 60°C  Humidility units are sealed against moisture.</p> <p><b><u>TRIPLE CHANNEL REMOTE TIMER UNIT</u></b></p> <p>The Triple Channel Remote Timer unit, a microprocessor-based  unit to provides direct measurement of projectile velocity and  rate of fire. The Optical Detector has to be connects directly to  the unit and draws its power from it.</p> <p>The instrument should consist of crystal-controlled chronometer  channels, which together with the built-in computer have the  capacity to store 256 time intervals. Each chronometer channel  has a time resolution of 100 nanoseconds, thus allowing high  accuracy short baselength velocity measurements to be made.  The unit should have three independent chronometer channels,  each of which can provide Velocity or Time of Flight and Rate  of Fire.  Up to 6 Optical Detectors may be connected to the unit and data  is transmitted down a single cable, or via a radio-link, to a  Range Processor or other computerized control system.</p>	1	Raipur (Chattisgarh)
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**Specification:**

FREQUENCY STANDARD 3 Independent 10MHz  $\pm$  0.002% crystal oscillators, one per channel  
Stability : 0.0025% over temperature range - 40 to +80 Deg C.  
Long term stability 2 ppm per year.  
STORE CAPACITY 256 Velocity or time measurements and 257 Rate of Fire measurements per channel  
GAIN SETTINGS Software controlled.  
CONNECTIONS Up to six Optical Detectors type 858. Data connection to processor.  
RATE OF FIRE 30,000 rounds per minute maximum  
POWER 9.36 volts D.C.

**SOLID-STATE LIGHT SOURCE**

The solid-state DC lights for use with the Projectile Velocity Measuring System, and provide illumination for the Optical Detectors when used in an indoor range, or where there is insufficient natural light.

**Specification :**

Power supply 90V-260V AC  $\pm$  10 % 50/60Hz  
Dimensions 783mm long x 80 mm wide x 77 mm high  
Weight 2.6 kg.  
Environmental : Humidity 95 % non-condensing

**PORTABLE RANGE PROCESSOR TYPE 663N**

The Portable Range Processor should be of a high performance portable computer, which features the Windows latest version. Operating system and hardware and software compatibility with the IBM PC computer.

The Portable Range Processor should uses the latest Pentium/Dual Core technology and comes with ample memory and hard disk space for all modern Windows applications. Additional hardware is provided to make full use of the multimedia features of Windows and to interface with the Instruments.

**Hardware (minimum)**

Processor Pentium / Dual Core  
Memory 1 GB, Mouse Built-in Trackpad  
Hard Drive 100 GByte or Better, Display 14" TFT (Laptop)  
DVD/CD-RW Combo

**Software Dimensions**

Operating System Windows XP ,  
Applications Microsoft Office  
Windows Range Control Software.

Warranty should be minimum one year from the date of installation and commissioning

3	<p><b>Binocular Microscope</b></p> <ul style="list-style-type: none"> <li>- Stand stable and C shaped stand stand with well contoured modular base, viewing Head Binocular inclined tube, inclined at 45° rotatable through 360° with Dioptic adjustment.</li> <li>- Anti fungus treated eyepieces-Two pairs of eye pieces 15x and 20x.</li> <li>- Anti fungus treated objectives-Parfocal Achromatic 4x10x40xSL and 100xSL oil immersion.</li> <li>- Stage double layer graduated mechanical rectangular stage size 142x133mm.</li> <li>- Illumination-High intensity compact light source 6V.20W Halogen lamp with on/off switch. Na 1.25 with aspheric lens Iris diaphragm special day light blue filter in holder Illumination. Light intensity regulator and plano can cave mirror attachment suitable for 220V. 50Hz Ac supply.</li> </ul> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Raipur (Chattisgarh)																		
4	<p><b>Fume Hood</b></p> <p><b>Technical Specification for Fume Hood</b></p> <ol style="list-style-type: none"> <li>1. Overall Dimensions with base cabinet: 3000 mm W X 1000 mm D X 2700 mm H</li> <li>2. Fume Hood dimensions: 3000 mm W X 1000 mm D X 1875 mm H</li> <li>3. Base Cabinet dimensions: 3000 mm W X 700 mm D X 700 mm H</li> <li>4. Inside Fume Hood working volume: 2720 mm W X 750 mm D X 1455 mm H</li> <li>5. Bed size: 2720 mm W X 750 mm D</li> <li>6. Height of worktop from Ground level: 850 mm</li> <li>7. Clear height form bottom: 100mm (with level adjusting screw.)</li> <li>8. Design Standard: Should conform to BS 7258 And ASHRAE 110 design standards</li> </ol> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Raipur (Chattisgarh)																		
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		coated airfoil mounted on the worktop.														
6	Worktop	Chemical resistant splash & spillage proof <b>joint less ceramic</b> worktop.														
7	Sink, Water tap with drain arrangement	Worktop should have oval shaped 100 mm X 200 mm sink-2Nos for drainage with water tap( <b>1LHS+1RHS</b> )														
8	Sash (Shutter)	Counter-balanced Vertical <b>sash - 2nos.</b>														
9	Wet & Dry Service fittings	Remotely operated colour coded total 8 nos. service valves with Polyethylene plumbing and brass fittings for gas connections.														
10	Lighting	Fluorescent light (20 watt, 4 Nos.) with vapour-proof fitting for proper illumination. Intensity approx 400 <i>lux</i> at worktop level.														
11	Chemical Storage Base Cabinet	<ul style="list-style-type: none"> <li>• Internal special chemical resistant material lining to the cabinet walls(PRL material with ASTM flame spread index &lt; 25)</li> <li>• 4 partition of base cabinet.</li> </ul>														
12	Apparatus Holding Grid	A grid made up of Duralumin Rod (Dia. 12.7 mm) to hold the apparatus.														
13	Level adjusting screws	To adjust fume hood level by + 10 mm.(Total-150mmH form bottom)														
14	Flow control valve	To regulate airflow.														
15	Noise Level	< 70db at 1 meter from fume hood.														
<p><b>CENTRIFUGAL BLOWER *: 1 No.</b>  Silent PP + FRP high efficiency remote blower, consisting of continuous rating motor and chemical resistant impeller. It satisfies international safe velocity norms.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Specification</th> <th style="text-align: center;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Construction</td> <td>Chemical, heat resistant, blower with aerodynamically balanced impeller.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Air Suction Capacity</td> <td>International face velocity norms and as per safe fume hood pattern.</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Motor</td> <td>‘Crompton’ make, <b>3 HP</b> Motor (3 Phase), direct drive, continuous rating.</td> </tr> </tbody> </table>					Sr. No.	Specification	Description	1	Construction	Chemical, heat resistant, blower with aerodynamically balanced impeller.	2	Air Suction Capacity	International face velocity norms and as per safe fume hood pattern.	3	Motor	‘Crompton’ make, <b>3 HP</b> Motor (3 Phase), direct drive, continuous rating.
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5	<p><b>Deep freezer</b></p> <p><b><u>(-) 20°C Vertical Deep Freezer 500 Ltr Capacity-Upright Design</u></b></p> <p>Useful for store vaccines, biological materials etc. Capacity - 500 Ltrs.</p> <ul style="list-style-type: none"> <li>- Cabinet temperature is adjustable with in a range of - 10°C to -40°C. Environment friendly CFC. Free refrigerants.</li> <li>- Microprocessor control, Digital display, Adjustable temperature range alarm in case of temperature exceeding the set points.</li> <li>- Foamed in place PUF insulation of 75mm thickness of the cabinet and 60mm for the door. Main door with heavy duty latch and magnetic rubber gasket.</li> <li>- Automatic voltage stabilizer with time delay.</li> <li>- Voltage-220V. 50Hz single phase AC Cycle.</li> <li>- Warranty should be minimum one year from the date of installation and commissioning</li> </ul>	1	Raipur (Chattisgarh)
6	<p><b>TLC System</b></p> <p>Spreader (Applicator) made of anodized aluminum, with fixed thickness and width of 5 cm, 10 and 20 cm</p> <ol style="list-style-type: none"> <li>1. Perspex brass size 125x25 cm to support 5 glass plate of size 20x20 cm and two plates of size 20x5 cm</li> <li>2. Plate store rack aluminum of ten 20x20 plates</li> <li>3. Spotting template Perspex</li> <li>4. Developing tank with lid</li> <li>5. TLC plate set 20x20 cm or 20x10 cm</li> <li>6. Micro-Pipette 5 micro liter and 10 micro liter</li> <li>7. Scriber for making lines</li> <li>8. Glass sprayer with rubber bellow</li> <li>9. TLC plate store cabinet</li> <li>10. Special drying cabinet with inspection window</li> <li>11. Desicator cabinet</li> <li>12. U.V. Chromatography inspection cabinet with two U.V. tubes 254 and 365 nm.</li> <li>13. Warranty should be minimum one year from the date of installation and commissioning</li> </ol>	1	Raipur (Chattisgarh)
7	<p><b>Minor Equipments</b></p> <p><b><u>A) Physics Division</u></b></p> <p><b>7.A.1- Vernier Callipers Specification</b></p> <ul style="list-style-type: none"> <li>- Should be made of stainless steel</li> <li>- Should have last count 0.002 cm</li> </ul>	1 each	Raipur (Chattisgarh)

	<p><b>7.A.2- Screw gauge Specification</b></p> <ul style="list-style-type: none"> <li>- Should be made of stainless steel</li> <li>- Should have last count 0.001 cm</li> </ul> <p><b>7.A.3- Vice Specification</b></p> <ul style="list-style-type: none"> <li>- Ironical vice fixed in a table with width adjustment</li> </ul> <p><b>7.A.4- Trigger puller Specification</b></p> <ul style="list-style-type: none"> <li>- It should have spring arrangement pulling system inside (0 to 5kg. &amp; 0 to 10 kg.)</li> </ul> <p><b><u>B) Chemistry &amp; Toxicology Division</u></b></p> <p style="text-align: center;"><b>7.B.1- Ultrasonic Cleaning Bath</b></p> <table border="0"> <tr> <td style="vertical-align: top;">1-</td> <td style="vertical-align: top;">Capacity</td> <td style="vertical-align: top;">: 6.5 ltrs.</td> </tr> <tr> <td style="vertical-align: top;">2-</td> <td style="vertical-align: top;">Moc (outer)</td> <td style="vertical-align: top;">: Stainless Steel sheet buffed to mirror polish</td> </tr> <tr> <td style="vertical-align: top;">3-</td> <td style="vertical-align: top;">Moc (tank)</td> <td style="vertical-align: top;">: Stainless Steel (SS304)</td> </tr> <tr> <td style="vertical-align: top;">4-</td> <td style="vertical-align: top;">Temperature Range</td> <td style="vertical-align: top;">: +5°C to 70°C</td> </tr> <tr> <td style="vertical-align: top;">5-</td> <td style="vertical-align: top;">Temperature Controller</td> <td style="vertical-align: top;">: Microprocessor Based digital Temperature Indicator cum Controller</td> </tr> <tr> <td style="vertical-align: top;">6-</td> <td style="vertical-align: top;">Display</td> <td style="vertical-align: top;">: Digital LED Display with Set Value and Process Value</td> </tr> <tr> <td style="vertical-align: top;">7-</td> <td style="vertical-align: top;">Temperature Accuracy</td> <td style="vertical-align: top;">: <math>\pm 1^{\circ}\text{C}</math></td> </tr> <tr> <td style="vertical-align: top;">8-</td> <td style="vertical-align: top;">Operating Frequency</td> <td style="vertical-align: top;">: 33KHz</td> </tr> <tr> <td style="vertical-align: top;">9-</td> <td style="vertical-align: top;">Timer</td> <td style="vertical-align: top;">: Fitted with digital timer as a standard feature</td> </tr> </table> <p><b>7.B.2- Ultra violet Fluorescence Analysis Cabinet</b></p> <table border="0"> <tr> <td style="vertical-align: top;">1-</td> <td style="vertical-align: top;">UV tubes having long wavelength (365 nm.) and short wavelength (254 nm.)</td> </tr> <tr> <td style="vertical-align: top;">2-</td> <td style="vertical-align: top;">Fluorescent tube</td> </tr> <tr> <td style="vertical-align: top;">3-</td> <td style="vertical-align: top;">220/230 Volt AC</td> </tr> </table> <p><b>7.B.3- Double Distillation Unit</b></p> <table border="0"> <tr> <td style="vertical-align: top;">1-</td> <td style="vertical-align: top;">A double distillation horizontal glass (quartz) assembly.</td> </tr> <tr> <td style="vertical-align: top;">2-</td> <td style="vertical-align: top;">Dispensing Capacity : 2.5 liter per hours distill water.</td> </tr> <tr> <td style="vertical-align: top;">3-</td> <td style="vertical-align: top;">Temperature Controller with standard set value and digital display.</td> </tr> <tr> <td style="vertical-align: top;">4-</td> <td style="vertical-align: top;">Auto off facility while water supply interrupted.</td> </tr> </table>	1-	Capacity	: 6.5 ltrs.	2-	Moc (outer)	: Stainless Steel sheet buffed to mirror polish	3-	Moc (tank)	: Stainless Steel (SS304)	4-	Temperature Range	: +5°C to 70°C	5-	Temperature Controller	: Microprocessor Based digital Temperature Indicator cum Controller	6-	Display	: Digital LED Display with Set Value and Process Value	7-	Temperature Accuracy	: $\pm 1^{\circ}\text{C}$	8-	Operating Frequency	: 33KHz	9-	Timer	: Fitted with digital timer as a standard feature	1-	UV tubes having long wavelength (365 nm.) and short wavelength (254 nm.)	2-	Fluorescent tube	3-	220/230 Volt AC	1-	A double distillation horizontal glass (quartz) assembly.	2-	Dispensing Capacity : 2.5 liter per hours distill water.	3-	Temperature Controller with standard set value and digital display.	4-	Auto off facility while water supply interrupted.		
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	<p><b>(C) <u>Biology Division</u></b></p> <p style="text-align: center;"><b>7.C.1- Hot Air Oven</b></p> <ol style="list-style-type: none"> <li>1- Double metal shed body with air pocket keep the machine cool.</li> <li>2- Digital temperature control with display.</li> <li>3- Temperature ambient up to 250 °C with least count 1°C.</li> <li>4- Heat circulation - Horizontal from assisted.</li> <li>5- 2 stainless steel shelves (Detachable).</li> <li>6- Heater capacity - 750 watt x 2 heater = 1500 watt</li> <li>7- Electrical supply - 220+10% watt, 50 Hz single phase AC</li> </ol> <p style="text-align: center;"><b>7.C.2- Research Centrifuge</b></p> <ol style="list-style-type: none"> <li>1- Step less speed regulator with zero start interlock.</li> <li>2- Digital Speed Indicator.</li> <li>3- Dynamic break.</li> <li>4- 0-99 Minute digital count down timer.</li> <li>5- Max speed 10000 rpm.</li> <li>6- Type of rotator - Swing out.</li> <li>7- Tube capacity - 15-25 ml.</li> </ol> <p style="text-align: center;"><b>7.C.3- Micropipettes</b></p> <ol style="list-style-type: none"> <li>1- Easy Volume setting by simply turning the plunger.</li> <li>2- Click stop digital system. Click sound at each increment during volume</li> <li>3- Easy to calibrate and service.</li> <li>4- Autoclavable tip cone.</li> <li>5- Separate streamlined tip injector.</li> <li>6- Volume range 20-1000 µl.</li> </ol> <p><b>(D) <u>Personal Computer</u></b> - Latest Module with All Accessories &amp; Software.</p> <p>Warranty should be minimum one year from the date of installation and commissioning on the above equipments.</p>		
8	<p>Modular type Analytical working bench</p> <p><b>Analytical work surface (analytical working bench) - The analytical working bench should fulfill following requirements-</b></p> <ul style="list-style-type: none"> <li>- Dimension of the table- 2700mm L x 1500mm W x 900mm H.</li> <li>- Work surface (table top) should be of 18mm (=-1mm) granite/ melamine coating.</li> <li>- It should have SS sink unit along with 3- way (2</li> </ul>	1	Raipur (Chattisgarh)

	<p>straight= 1 swan neck) water tap made up of brass and with epoxy powder coatings.</p> <ul style="list-style-type: none"> <li>- It should have under storage unit with- (i) one/two shutter and one adjustable shelf, (ii) one drawer, one/ two shutter and one/two shutter and one adjustable shelf, (iii) 4- drawers, with 450 mm/600mm/900mm (W) x 570mm (D) x675 mm (H) and also have lock facility.</li> <li>- The storage units should be made up of CRCA (Cold Rolled Cold Annealed) M.S. sheet with degreased, zinc phosphates and epoxy powder coating to protect from any corrosion or adverse effect of mineral acids</li> <li>- it should have 2- tier reagent shelf made up of ERW (Electro Residence Weildign) M.S. Square Tubes (for reagent table) and reagent shelf should be made up of 1.2 mm thick CRCA M.S. Sheet, along with electrical supply/service panel system.</li> <li>- it should have 4 nos. of olving / non revolving laboratory stool with back support.</li> <li>- it should have extension board (min. length 15 mts.) for electricity supply.</li> <li>- Warranty should be minimum one year from the date of installation and commissioning</li> </ul>		
9	<p><b>Hydrogen Generator</b></p> <ul style="list-style-type: none"> <li>- Generator should produce Hydrogen gas flows of 400 Nml/min.</li> <li>- It must produce Hydrogen gas of the high purity (&gt;99.9995%)</li> <li>- Hydrogen generator could be used both; to supply detector as to supply carrier gas.</li> <li>- Hydrogen generator delivery pressure of up to 8-10 bars.</li> <li>- Generator must be equipped with innovative HT PEM cell.</li> <li>- Generator must have safety guaranteed also by the innovative controller software system.</li> <li>- Generator must have prolonged operating time without interruption.</li> <li>- Generator should have extreme ease of filling the removable water tank.</li> <li>- Generator should have accessory to allow replacement of the final filter element without contaminating the Hydrogen outlet line with air.</li> <li>- Warranty should be minimum one year from the date of installation and commissioning</li> </ul>	1	Raipur (Chattisgarh)

10	<p><b>ELECTRONIC DIGITAL BALANCE:-</b></p> <ul style="list-style-type: none"> <li>- The balance should be of single pan open with removable pan facility.</li> <li>- The balance should have the weighing range of - 0.0001gms (minimum) to 5gms. (maximum).</li> <li>- The balance should have the facility of transparent rectangular hood to withstand disturbances caused due to air.</li> </ul> <p>The balance should have spirit level facility to level the balance horizontally. Warranty should be minimum one year from the date of installation and commissioning</p>	1	Raipur (Chattisgarh)
11	<p><b><u>MOBILE FSL UNIT (EQUIPMENTS)</u></b></p> <ul style="list-style-type: none"> <li>a) Large Tool mark Investigation Kit.</li> <li>b) All purpose Crime Investigation Kit.</li> <li>c) Dynamite Residue Detection kit and explosive.</li> <li>d) Blood grouping test kit.</li> <li>e) Semen Instant and evidence kit.</li> <li>f) Crime scene evidence collection kit.</li> <li>g) Latent Print kit (crime scene latent kit)</li> <li>h) Tyre print and foot print casting and lifting kit.</li> <li>i) Dust printing kit (electrostatic dust foot lifting kit).</li> <li>j) Narcotik drug detection kit.</li> <li>k) Cynowand kit.</li> <li>l) Portable fuming chamber.</li> <li>m) Polyary kit.</li> </ul> <p><b>11(a)- <u>LARGE TOOL MARK INVESTIGATION KIT</u></b></p> <p><b><u>Specification</u></b></p> <p><b>DOC1000 Contents:</b></p> <p>1- DOC1001C DUROCAST™ Impression Compound, 24 fl. oz.</p> <p>1- DOC1001C DUROCAST™ Impression Compound, Catalyst, 5g.</p> <p>1- DOC100S Plastic Measuring Spoon.</p> <p>1- DOC1 Carrying Case, Texturized Molded Plastic;</p> <p>Dimensions: 12 1/8" x 7 1/4" x 5 1/2";</p> <p>Weight: 3.72 lbs.</p>	1 each	Raipur (Chattisgarh)

**11(b)- All purpose crime investigation kit**

**Specification**

- Visible stain power of various types.
- Visible stain paste
- Three day transparent detection fluid.
- Fluorescent invisible detection powder.
- Fluorescent invisible detection paste.
- CLUE SPRAY
- Invisible fluorescent cryon.
- Fluorescent invisible marking pen.
- U.V. minilight, longwave, D.C.
- Cell Batteries-Alkaline.
- Regular powder brushes.
- Cotton-tipped application swabs.
- Disposable latex glove pairs.
- Moulded carrying case.

**11(c)- DYNAMITE RESIDUE DETECTION KIT & EXPLOSIVE**

**Specification**

**ERTT10 CONTENTS:**

20- 288DP Pipettes, Disposable, with Capillary and 3 ml Bulb.  
10- 290P1 P1 Color Developing Reagent, Ampoules, 2ml.  
1- ACN2 Acid Neutralizer, 2 oz.  
3- EIL011 Evidence Identification Labels, "Crime Evidence".  
10- ER1 Extract Reagent 1, Ampoules, 1ml.  
1- KCP139 Tweezers, Plastic, 4 3/4".  
1- KCP140 Spatula, Stainless, Micro.  
3- KCP173 Vial, Glass, 1/2 oz. with Closure.  
10- KCP174 TLC Plates, Silica Gel 60A, 250.  
um Layer, 5cm x 10cm.  
10- KCP175 Pipettes, 10 Microliter, with Capillary.  
15- KCP217 Cotton Balls.  
10- KCP171 Vials, Glass, with Closure, 1/2 dram.  
1- SF00771 Latex Powdered Glove Pair, Ambidextrous, .005"  
Thick, Large.  
1- ERTT101 Carrying Case, Molded Copolymer, with latch;  
Dimensions: 16 1/4" x 7 1/4" x 8 5/8";  
Weight: 4 lbs.

**11(d)- BLOOD GROUPING TEST KIT**

**Specification**

**MBT288 CONTENTS:**

18- 288DP Pipettes, Disposable, with Capillary and 3 ml Bulb.  
2- 288FP Contact Filter Papers, 1" x2", 25 each.  
6- 288L1 Luminol Ampoule Reagents.  
6- 288L2 Luminol Ampoule Reagents.  
6- 288LM1 Leuco-Malachite Ampoules 1.  
6- 288LM2 Leuco-Malachite Ampoules 2.  
6- 288PX1 PX1 Reagent Ampoules, Phenolphthalein.  
6- 288PX2 PX2 Reagent Ampoules, Phenolphthalein.  
2- DISW2 Bottles of Distilled Water, 2 oz.  
2- KCP122 Blood Collection Tubes, 7 ml., with EDTA.  
1- KCP213 Jar, Flint Glass, with Cap, 1 13/64 oz.  
15- KCP217 Cotton Balls.  
1- SPU1 Spray Power Unit w/Tube.  
1- MBT288C Black molded copolymer carrying case, textured w/folding handle, includes custom molded inserts;  
Dimensions: 13 1/2" x 11" x 5 1/4";  
Weight : 3.2 lbs.

**11(e)- SEMEN INSTANT TEST AND EVIDENCE KIT**

**Specification**

**SF298 CONTENTS:**

8- 288DP Pipettes, Disposable, with Capillary and 3 ml Bulb.  
2- 288FP Contact Filter Papers, 1" x 2" 25 each.  
2- DISW2 Bottles of Distilled Water, 2 oz.  
10- EIL011 Evidence Identification Labels, "Crime Evidence".  
3- KCP172 Vials, Glass, 3 Dram, with Cap.  
15- KCP217 Cotton Balls.  
8- SF298S1S1 Reagent, in Glass Ampoule, 5 ml.  
8-SF298S2 S2 Reagent, in Glass Ampoule, 2 ml.  
8- SF298S3 S3 Reagent, in Glass Ampoule, 1ml.  
1- SF298C Black molded copolymer carrying case, textured w/folding handle, includes custom molded insert;  
Weight: 2.9 lbs.

**11(f)- SCENE OF CRIME KIT BOXES**

**Specification**

**EVIDENCE COLLECTION AND IDENTIFICATION KIT**

**MEC100 Contents:**

1- SK800 50ft/15m Steel Tape Measure.  
1- PL1000 2-Cell Flashlight.  
2- 603E Rolls of Evidence Tape.

<p> 2- 606E Rolls of Evidence Tape.  12- EIL011 Evidence Labels.  12- 608E01 Evidence Tags w/Ties.  12- 608E11 Evidence Tags w/Ties.  10- ZTE101 Chain of Possession Labels.  20- ZTE011 Zip-Top Bags, 4" x 6" x 0.004".  10- ZTE021 Zip-Top Bags, 9" x 12" x 0.004"  1- CUV100T Ultraviolet Light w/Batteries.  4- ECL 1001 Evidence Collection Lifters.  2- KCP 139 4 3/4" Plastic Tweezers.  4- KCP230 AA-Cell Batteries, Alkaline.  2- KCP235 D-Cell Batteries, Alkaline.  1- KCP110 Pair of Scissors.  1- GL000 Carbide-Tipped Scriber.  1- GL002 Evidence Knife.  1- KCP144 China Marker, Black.  1- 145 China Marker, White.  4- KCP146 Liquid Sampling Pipettes, 1ml.  1- 318M 3 1/2" Magnifying Glass.  1- KCP141 Probe with Paint Chip Cutter.  3- KCP147 Sticks of White Chalk.  2- KCP122 Collection Tubes with EDTA, 7ml.  2- KCP148 Disposable Syringes, 3cc.  3- KCP149 Plastic Jars w/Caps, 2fl. oz.  3- KCP150 Amber Plastic Jars w/Caps, 7 fl. dram.  3- KPC151 Amber Plastic Jars w/Caps, 5fl. dram.  2- SF00771 Disposable Latex Glove Pairs.  1- KCP140 Stainless Steel Spatula.  1- KCP138 Disposable Scalpel.  1- KCP114 Steel Tape Measure.  1- KCP152 Molded Polypropylene Inner Storage Case, 8 3/8" x 4 1/2" x 1 11/16".  1- MEC1001 Attache-Type, Molded. Polypropylene Carrying Case w/Metal. Frame and Machined Internal. Component Pad;  Dimension: 18" x13 1/4" x 5 3/8";  Weight: 10.8 lbs. </p> <p> <b>11(g)- <u>SCENE OF CRIME LATENT PRINT KIT</u></b> </p> <p> <b><u>Specification</u></b> </p> <p> <b>Latent Fingerprint Developing and Lifting</b> </p> <p> 1- 101L Silk Black Latent Powder, 2 oz.  1- 103L Indestructible White Latent Powder, 2 oz.  1- SB201L Silver/Black Latent Powder, 2 oz. </p>		
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	<p>2- 118L Regular Powder Brushes.  2- 122L Fiberglass Latent Print Brushes.  1- M114L Black Magnetic Latent Powder.  1- SBM 10 Silver/Gray Magnetic Latent Powder.  1- 125L Standard Magnetic Applicator.  1- 202C Ninhydrin Spray, 6 oz. aerosol.  1- AMP2066 Iodette™ Ampoules, 6 each.  3-DCA1 Iodine Enhancement Applicators.  3-ZTE021 Iodette™ Fuming Bags, 9" x 12".  1- 130LT Transparent Hinge Lifters, 1 1/2" x x 2", 24 each.  4- 131LT1 Transparent Hinge Lifters, 2" x 4".  4- 131LB1 Black Hinge Lifters, 2" x 4".  4- 131LW1 White Hinge Lifters, 2" x 4".  1- 144L Transparent Lifting Tape, 1 1/2" x 360".  1- LB0021 Reversible Backing Sheet Pad (50 sheets).</p> <p><b>Fingerprint Elimination (Crime Scene Access)</b>  1- PFP600 PRINTMATIC™ Thermoplastic Fingerprint Pad.  1- FPT270A Elimination Fingerprint Form Pad (50 sheets).  10- FPT1C1 Super Cleaner Towelettes.  1- FPT2701 Wallet-Type Vinyl Case.</p> <p><b>Evidence Collection and Identification</b>  1- 379M Attached Case Magnifier, 1 3/4" dia.  1- KCP115 Penlight, 2 AA, 1.5 Volt.  2- KCP231 AA-Cell Batteries, Carbon Zinc.  1- 603E Evidence Identification Tape, 1" x 500".  1- KCP114 Retractable Measuring Tape.  1- KCP110 Scissors, 5".  1- SF00771 Disposable Latex Gloves, Pair.  10- 621E1 Evidence Bag, 4" x 9".</p> <p><b>Case</b>  2- KCP152 Molded Polypropylene Cases, 8 1/2" x4 1/2" x1 3/4".  1-CS8001 Attache-Type, Molded Polypropylene, Crrying Case with metal Frame and Machined Internal Component Pad; Dimensions: 18" x 13 1/4" x 5 3/8"; Weight: 11.3 lbs.</p> <p><b>LEADING PARTICULARS:</b>  . Multiple methods of latent print development.  . Replaceable componets.  . Iodine processing with Iodettes™  . Ninhydrin spray.  . PRINTMATIC™ crime scene access fingerprinting.  . Magnetic and regular latent powder.  . Rugged attaché carrying case.</p>		
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**11(h)- Tyre-print & foot-print casting kit & lifting kit**

**Specification**

- Hard-core casting materials
- Dirt harder
- Mixing bruls of various sizes.
- Clay sticks
- Casting frame 7 1/4" x 12-18"
- Base builder
- Surface brushes
- measuring tape
- moulded carrying case

**11(i)- Electrostatic Dust foot print lifting kit Specification**

**Specification**

The kit should contain:

- Electrostatic voltage control unit.
- Ground plane, Nickel-plated steel (4"x6")
- Ground plane polycarbonate insulating sheet (5"x7").
- Metalized pick-up mats in protective tube-10.
- Insulated roller.
- 9-volt alkaline battery.
- Technical information packet.
- Static discharge cable.
- Moulded carrying case.

**11(j) NARCOTICS DRUG DETECTION KIT**

**Specification**

**Narcotics Analysis Reagent Kit.**

**NAR100 CONTENTS:**

- 1- NAR10001 Mayers Reagent for Narcotics Alkaloids, 10 each.
- 1- NAR10002 Marquis Reagent for Opium and Alkaloids, 10 each.
- 1- NAR10003 Nitric Acid Reagent for Heroin, Morphine, 10 each
- 1- NAR10004 Cobalt-Thiocyanate Reagent for Cocaine, Crack 10 each.
- 1- NAR10005 Dille-Koppanyi Reagent for Barbiturates, 10 each.
- 1- NAR10006 Mandeline Reagent for Amphetamines, 10 each.
- 1- NAR10007 Erlich's Reagent for Hallucinogens, 10 each.



- 1- NAR10008 Duquenois Reagent for Marijuana, Hashish, THC, 10 each
- 1- NAR10010 Poly Bags, 10 each.
- 1- NAR10011 Acid Neutralizer, 1 each.
- 1- NAR10012 Polyethylene Case, 8 1/2" x 7" x 3 1/8".

**11(k)- CYANOWARD KIT**

**Specification**

Must consist of

1. Cyanowand heat generation with protective head cover.
2. Butane fuel can
3. Cartridge extraction Tool.
4. Cyanoward cartridge (10 No.).
5. Carrying case, copolymer with foam inserts.

**11(L) - PORTABLE FUMING CHAMBER**

**Specification**

Must Consist of :-

1. Shalter-resistant Plexiglas material which should be able to disassemble into teat sheets.
2. Nylon carrying case.
3. Multiple evidence hangers.
4. Should also contain magnetic and regular latent print powders, magnetic wand and a fiberglass brush.

**11(m)- POLYRAY KIT**

**Specification**

**Polyray kit should have :**

- Lamp assembly with high intensity xenon-lamp.
- Nicad 14.4 V DC rechargeable batteries.
- Sliding filter array.
- Barrier filter goggles-yellow, orange, red, U.V. (Clear).
- One 49 mm orange camera lens barrier filter.
- One 49 mm yellow camera lens barrier filter.
- One 49 mm red camera lens barrier filter.
- One battery charger, 120 V AC.
- Hard carrying case with soft cushion inside.
- Tripod stand.

**Warranty should be minimum one year from the date of installation and commissioning on the above equipments.**

12	<p><b>UV Spectro Photometer</b></p> <p>Fully computer controlled latest double beam double/premonochromator UV- Visible Spectrophotometer for simultaneous scanning and data recording facility for whole spectrum region having guaranteed following specifications.</p> <p>1- Lamp : Deuterium lamp/ and tungsten lamp</p> <p>2- Wavelength range : 190 to 900nm or better</p> <p>3- Wavelength accuracy : 0.1 nm or better</p> <p>4- Wavelength reproducibility : 0.05 nm. or better</p> <p>5- Spectral band width : Variable, 0.5 nm to 4 nm or better</p> <p>6- Detector : PMT or silicondiode</p> <p>7- Scan speed : 10nm/min to 2500 nm/min or better</p> <p>8- Stray light : 0.005 % T or better at 220, 340 &amp; 370 nm.</p> <p>9- Photometric range : 0 to 3 A or better</p> <p>10- Noise level : 0.00005 A or better</p> <p>11- Optical system : Double Beam</p> <p>12- Derivation facility : Available</p> <p>13- Computer and printer : Computer (branded) Pentium IV- 2.6 Ghz Processor / 256 MB RAM /512 KB/ CDROM/Audio/Ether net/ Window Xp 17" Colour Monitor, Colour Deskjet Printer and a 2 KVA UPS with 30 minutes backup. Instrument software should be capable to perform the functions like instrument control, storage and display of data and data handling like addition, subtraction, multiplication, division, smoothing, derivation, integration, overlapping, baseline correction, mutli-wavelength, programming, kinetic</p>	1	Raipur (Chattisgarh)
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	<p>printing and plotting in various graphic modes, multi-component quantitative analysis, Enzyme kinetic. DNA &amp; Protein analysis software, kinlab software.</p> <p>14- Accessories : Diffused reflectance accessories for powder sample and other solid samples.</p> <p>15- Technical Infrastructure : Operational technical infrastructure comprising of suitable instrument table and chair (acceptable even if made available locally)</p> <p>16- Spares :  1. Two spare sets of D2 &amp; Tungsten lamps  2. Quartz Cell 3.5 ml. - 2 Pairs  3. Quartz Cell 1.75 ml., 2ul, 700ul - 1 pair each</p> <p>Any other feature enhancing the performance of the instrument shall be preferred.</p> <p><b>Note :</b> The items should be preferable from ISO certified or at par manufacturer</p> <p>Thermal Background Correction Kit should consist of a variable temperature source.</p> <p>Thermal Rejection Filter should consist of a variable temperature source.</p> <p>Thermal Rejection Filter should consist of a short wavelength pass transmission filter to enhance Raman signal detection in the range: <math>&lt;2,000\text{cm}^{-1}</math> Raman shift from the Rayleigh line. The filter sets provide for the collection of both Stokes Raman and Anti - Stocks Raman Spectra.</p> <p><b><u>WORKING CHAIR, TABLE, ACCESSORY STORAGE UNIT FOR EACH INSTRUMENT</u></b></p> <p>Following shall be provided by the supplier with the instrument.</p>	
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	<p>1- <b>Work chair:</b> (made of the good quality CRCA steel, cushioned seat and back ergonomically designed chair with swivel mechanism, adjustable armrest, antishock mechanism, lumber support, adjustable height various tilting mechanism.)</p> <p>2- <b>Worktable:</b> under structure made of prime quality CRCA steel with anti treatment with oven backed alkyd-amino paint or power coated finish with two lockable drawer for storage. Prelaminated tabletop with PVC age banding to ensure that laminate does not crack/peel off under structure.</p> <p>3- <b>Integrated work station:</b> for computer and printer fitted with 3-drawer storage unit.</p> <p>4- <b>Accessory storage unit :</b> (book case type, tip hinged four-glass door storage unit)</p> <p>The manufacturer should have been accredited to the ISO 9001 or equivalent quality standards. Attach certificate.</p> <p><b>NOTE :-</b> Please quote spares kit, which includes an assortment of commonly required replacement and Consumables (Give details) Attach literature for the equipment to be supplied. PC and printer should also be quoted by local dealer in rupees. The manufacture/supplier shall provide practical training course balanced with theoretical aspects to user. Clearly mention the warm-up/stabilization time of the system to start analysis. Clearly mention and quote any other specific accessory required for your system. <b>Warranty should be minimum one year from the date of installation and commissioning on the above equipments.</b></p>		
13	<p><b>GAS CHROMATOGRAPH WITH FID, TCD, ECD, A.C., VOLTAGE, STABILIZER/CVT, ACCESSORIES &amp; SPARES, WORK CHAIR, WORK TABLE, STORAGE UNIT, UPS etc.</b></p> <p>Gas Chromatography system should be microprocessor based with flame ionization (FID), thermal conductivity detector (TCD) and Electron capture detector (ECD)</p> <p><b>1. <u>Basic Unit</u></b></p> <p><b>(a) Injection system: -</b> Injectors Split/splitless Capillary Column Injector and/or Packed Column Injector. Split ratio should be easily adjustable for a wide range</p>	1	Raipur (Chattisgarh)

	<p>of analysis conditions.  There should be comprehensive array of injector to provide accuracy and precision for sampling application. At least two injectors may be installed and operated simultaneously with independent temperature control and should be over heating protection.  Temperature rang: - Up to 450 °C</p> <p><b>(b) Oven : -</b>  Oven with Temp rang: Not less than 450°C, with minimum increment 1°C  Cooling rate: 150°C to 50°C in less than 5 min.  It should allow to fit additional packed &amp; capillary column simultaneously. It should be Upgradable for headspace and other detectors.</p> <p><b>(c) Detectors : -</b> Conventional and/ or Programmable Pneumatic control</p> <p><b>(I) Flame ionization Detector (FID)</b>  Minimum detection level: Less than 5 pgC/sec.  Operating temp: Up to 450 in one increments  Linearity &gt;10<sup>6</sup>  Single filtration : Up to 800msec</p> <p><b>(II) Thermal Conductivity Detector (TCD)</b>  Compatible to capillary column  Linearity : &gt;10<sup>5</sup>  Temp. Limit : More than 300°C  Single Filtration : Minimum 50</p> <p><b>(III) Electron capture detector (ECD)</b>  Should have high sensitivity excellent selectivity high operating temperature for maximum stability.  Source : <sup>63</sup>Ni 10-15m Ci  Linearity : &gt;10<sup>4</sup>  Temp. limit : Up to 450°C</p> <p><b>(d) Data acquisition system:</b>  Latest Windows NT based software for control of the main unit &amp; Other peripherals, and data acquisition/processing. Should be Upgradable in future to handle with additional detectors.</p> <p><b>(e) Options:</b>  System should be easily up gradable in future for forensic analysis with headspace for environmental Analysis, volatile organic contaminants in water. Alcohol in blood, determination of pharmaceutical raw materials and formulations.</p>		
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**Columns required : SE 30, PORAPAK, OV-1, OV-17, APIZEON-L**

**(f) Control Unit :-**

Computer Pentium-4 (1.4 GHz)/400MHz, 128 RDRAM, 40 GB HDD, 1.44 MB FDD, 52X CD-ROM, 3D Sound Card, SPEAKERS, Matrox G450 16mb Graphics Card, 10/100 LAN Card, Preloaded Windows Me/2000 with recovery CD & user license, Mouse Internet Keyboard, 15" Colour monitor.

Printer : Laser HPL J-6L

UPS : standard quality

**WORKING CHAIR, TABLE, ACCESSORY STORAGE UNIT FOR EACH INSTRUMENT**

Following shall be provided by the supplier with the instrument.

- 1- Work chair:** (made of the good quality CRCA steel, cushioned seat and back ergonomically designed chair with swivel mechanism, adjustable armrest, antishock mechanism, lumber support, adjustable height various tilting mechanism.)
- 2- Worktable:** under structure made of prime quality CRCA steel with anti treatment with oven backed alkyd-amino paint or power coated finish with two lockable drawer for storage. Prelaminated tabletop with PVC age banding to ensure that laminate does not crack/peel off under structure.
- 3- Integrated work station:** for computer and printer fitted with 3-drawer storage unit.
- 4- Accessory storage unit :** (book case type, tip hinged four-glass door storage unit)

The manufacturer should have been accredited to the ISO 9001 or equivalent quality standards.

Attach certificate.

**NOTE :-**

Please quote spares kit, which includes an assortment of commonly required replacement and Consumables (Give details)

Attach literature for the equipment to be supplied.

PC and printer should also be quoted by local dealer in rupees.

The manufacture/supplier shall provide practical training course balanced with theoretical aspects to user.

Clearly mention the warm-up/stabilization time of the system to start analysis.

Clearly mention and quote any other specific accessory required for your system.

	<b>Warranty should be minimum one year from the date of installation and commissioning</b>		
14	<p><b>Research Binocular Microscope</b></p> <p><b>Technical Specification:</b></p> <p>A. Full Kohler, stage drive right, field of view 20mm trinocular Complete Configuration with Full Kohler Stand including</p> <ul style="list-style-type: none"> <li>- Halogen Illumination with 6V 30W Halogen Lamp</li> <li>- 4 position nose pieces, tilted backward.</li> <li>- Mechanical stage 75 x 30, drive right &amp; specimen holder with spring clip left.</li> <li>- Binocular phototube 30° / 20 (50:50)</li> <li>- Eyepiece 10x/18 Br. FOC. and 15x</li> <li>- Objectives : Plan Achromat 4x, 10x,40x &amp; 100x Oil</li> <li>- Condenser : 0.9/1.25</li> <li>- External power unit : 100... 230VAC / 50Hz... /30VA with specific adapter.</li> <li>- Dust cover</li> <li>- Oiler with 5ml. immersion oil.</li> <li>- Color filter Yellow, Blue, Green</li> </ul> <p>B. <b><u>Canon Powershot Digital Camera Includes</u></b></p> <ul style="list-style-type: none"> <li>- Color filter Yellow, Blue, Green</li> <li>- Filter adapter for camera</li> <li>- 4 GB SD Card</li> <li>- Audio video cable</li> <li>- USB cable for download to computer</li> <li>- Software CD</li> <li>- Battery along with battery charger</li> <li>- Shoulder strap</li> <li>- Manual</li> </ul> <p><b><u>Salient features of Primostar</u></b></p> <ul style="list-style-type: none"> <li>- Dia-cast body partially involves plastic &amp; rubber.</li> <li>- External power supply with integrated park position backside of the body.</li> <li>- Illumination is available in both halogen &amp; LED.</li> <li>- Illumination indicators are provided indicating level of Intensity on both the sides clearly viewable from distance of few meters, useful for the Class teacher/Lab monitor.</li> <li>- Angular movements of Eyepieces for persons of different heights to avoid pain in back &amp; shoulders.</li> <li>- Intraocular distance can be varying from 48mm</li> </ul>	1	Raipur (Chattisgarh)

	<ul style="list-style-type: none"> <li>- to 75mm for different user.</li> <li>- Nosepiece is pointing backward to visibility of slide easily.</li> <li>- Objectives can't be removed easily; Thus, Temper-proof/ theft-proof.</li> <li>- Both eyepieces are focusable.</li> <li>- Carrying handle is integrated in the main stand with proper gripping area, for ease of handing.</li> <li>- Extremely Stable stand due to broad base.</li> </ul>												
15	<p><b>Electronic Pipette :</b> Volume can be changed by touch of one button all function menu driven Electronic tip ejector button which is patented up to 100 times . Pipettes slower part Autocleave. The lower parts can be removed easily without a tool. Handle made up of polypropylene it is one of the best resins in terms of steam, sterilization and chemical resistance. Has 9-speeds for aspirating &amp; dispensing. The tip ejection is automatic with press of button should have built in error-control for more reliable results. The pipettor controls &amp; monitors piston movement in real time. If an error occurs while pipetting patented DC motor concept with solenoid brake with NiMH battery which offers 4500 full strokes 6- Memory places for the pipetting protocols. manual pipetting mode AC adapter CE certified as per Medical Device Directive (93/52/EEC)&amp;IVD Directive (98/79/EC/ Article-1 user friendly programming. Pipetting Reverse pipetting pipetting with mixing pipetting with cycle counter Manual pipetting Diluting Diluting with Mixing pipetting with cycle counter Manual pipetting Diluting Diluting mixing sequential Dispensing Auto Multi Dispensing Multi Aspirating 6- Memory places for storing pipetting protocols 9- speeds for aspiration &amp; dispensing .</p> <table border="1" data-bbox="300 1386 779 1585"> <thead> <tr> <th>Vol Range</th> <th>Numbers</th> </tr> </thead> <tbody> <tr> <td><b>0.2-10ul</b></td> <td>2</td> </tr> <tr> <td><b>5-100 µl</b></td> <td>2</td> </tr> <tr> <td><b>50-1000 µl</b></td> <td>2</td> </tr> <tr> <td><b>100-5000 µl</b></td> <td>1</td> </tr> </tbody> </table> <p>Enclose brochure. Free calibration and suitable warranty of one year from the date of Installation and commissioning.</p>	Vol Range	Numbers	<b>0.2-10ul</b>	2	<b>5-100 µl</b>	2	<b>50-1000 µl</b>	2	<b>100-5000 µl</b>	1	1	Jaipur (Rajasthan)
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16	<p><b>Decalcifier :</b> Suitable for use for decalcification of the bone tissue by electrolytic action for easy and precise DNA isolation. Through the combination of heat &amp; fluid agitation, this instrument provide a method of decalcifying bone in Preparation for DNA isolation Decalcification should be completed for significantly reduced time. Basket movement</p>	1	Jaipur (Rajasthan)										



	<p>should be provided by an electric motor, which raises &amp; lowers the basket and concurrently rotates it at slow speed for through solution action. With A heating jacket vessel in the base of the support-stand heats the solution. An electric energy regulator/control box should be fitted on the stand for easy operation at 220 V, single phase, 50 Hz, AC supply. Working demonstration and warranty on system should be minimum one year from the date of installation and commissioning.</p>		
17	<p><b>Digital Oven</b> : Microprocessor controlled ,Fully Automatic, Bench top.  Loading capacity: 14 x 250 ml flask min.  Chamber Volume: 23 Liter, Door: Front / Top  Interior: Stainless steel Interior.  Temperature Range: 60°C to 137°C.  Temperature working range: 105 °C to 137°C  Control Panel: Fully Automatic Microprocessor controlled.  Temperature setting with degree accuracy.  Pressure: 0-230 kPa,Max. Working Pressure: 276 kPa  Heating Perf: 2.4 KW.,Operating Voltage: 230 Volt.  Chamber size: 51 x 54 x 36 mm  Warranty on system should be minimum one year from the date of installation and commissioning</p>	1	Jaipur (Rajasthan)
18	<p><b>Deep freezer – 40dec.</b> : Temperature Range- 30 to - 40° Freezer  Volume- 300- 400 Ltr.  Single compressor - low noise, low energy consumption, low heat dissipation  100 % HCFC/CFC free  Digital display with 72 hours battery back up for alarms and display  Visual and acoustic alarm  Power failure alarm  Temperature alarm, adjustable, high, low  Pre-painted galvanised steel exterior  PVC coated steel interior  Door Lock  Loading Capacity 1100 x 442 x 650mm  Temperature -30/-50  Control Panel Digital  Door Top  Refrigerant 100% HCFC/CFC Free Voltage 230V 50/60Hz  Dimensions 1260 x 695 x 885mm  Warranty on system should be minimum one year from the date of installation and commissioning</p>	1	Jaipur (Rajasthan)
19	<p><b>Ice flacking machine</b> – Small compact Table Top Ice Flaking Machine  Production Capacity: 30 Kg/ 24 hours or more.  Bin capacity: 10 Kg. Or more.  Fully Automatic single switch operation.</p>	1	Jaipur (Rajasthan)

	<p>Cabinet made of Stainless Steel 304.  Bin made of stainless steel 304.  Leak proof refrigeration system.  Refrigerant R 404A.  Evaporation Temperature: -13°C to ± 2°C.  Air Cooled Condenser.  Granular &amp; Dry Ice of different sizes Micro, small &amp; standard.  Noise level 47 dBA, Safety features Low water pressure cut off,  Bin full cutoff, low refrigerant cut off etc., Overload protection  Automatic Restart, Separate circuit for Refrigeration and water.  , No moving part in the refrigeration circuit of evaporator.  With filter and hygiene accessories  Warranty on system should be minimum one year from the date  of installation and commissioning</p>		
20	<p><b>Halogen bulb -</b></p> <p>White light Halogen light source compatible with existing  Olympus BX 50 microscope.</p>	1	Jaipur (Rajasthan)
21	<p><b>Dark field phase contras attach -</b></p> <p>Microscope optics with property of Harmonic Component  System (HCS) with facility of Bright field Dark field and  Fluorescence. U.V Protective shield, filters etc. compatible with  existing Olympus BX 50 microscope.  Warranty should be minimum one year from the date of  installation and commissioning</p>	1	Jaipur (Rajasthan)
22	<p><b>Software for recording microscoping images- (Compatible  to existing Olympus BX 50 Microscope</b></p> <p>High resolution dedicated digital microscope camera with sw  kit, resolution atleast 5Mpixels, active cooling delta for reduced  noise / improved image quality, 2/3" CCD sensor, colour filters,  min. exposure time, fast live image.  Software capable for - Linear distance, Curved length, Area,  Angle, Count, Grey level measurement. 2D and 3D Image  Montage Software should provide advanced, versatile features  for producing excellent images should be quoted. Image  recording media, image capturing facility, video capturing  (setting by time), Measuring functions with easy calibration  process, measuring possibilities by length, area.(elliptical,  rectangular and irregular shapes), combination of two different  images with different methods, auto calculation.  warranty on system should be minimum one year from the date  of installation and commissioning</p>	1	Jaipur (Rajasthan)
23	<p><b>Morotrisge wood microtom –</b></p> <p>Section thickness setting 0.25 to 100 micro m, trim step setting  1- 600 micro m, specimen retraction programmable from 0- 100</p>	1	Jaipur (Rajasthan)

	<p>micro M, 6 different sectioning modes, variable sectioning speed, precision specimen orientation with zero point reference, vertical specimen stroke length of 70 mm, speed control through sectioning window, intuitive control panel and user interface section thickness indicator, trimming thickness indicator. Automatic, variable specimen retraction on the actual sectioning speed. Warranty on system should be minimum one year from the date of installation and commissioning</p>		
24	<p><b>Electronic Balance:-</b></p> <p>Multifunction laboratory analytical precision semi micro balance (5<sup>th</sup> Decimal point) with graphic. Weighing range 220 gram (up to 5<sup>th</sup> decimal point) Readout: Up to 60 gm 0.01 mg 60-220 gram 0.01mg. Reproducibility: 0.1mg, up to 60gm 0.02 mg, 60 internal calibration, Draft shield made of glass with metal, 3 side openings, Extensive memories. Suspended weighing : Load support with hook on the underside of the balance</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Kota (Rajasthan)
25	<p><b><u>Gas Chromatograph With FID PC</u></b></p> <ul style="list-style-type: none"> <li>• <b>GC Control</b> <ul style="list-style-type: none"> <li>- Four-line display plus LCD display to provide all needed data, including all temperature and pressure/flow parameters, type of carrier gas, carrier gas column pressure, flow rates, split flow, detector gas flow rates and all detector parameters</li> <li>- Automated system leak check</li> <li>- The system should be capable to store up to ten methods and ten automated sequences</li> <li>- Non-active methods can be edited during a run for enhanced flexibility</li> <li>- It should have in built base line correction.</li> </ul> </li> <li>• <b>Column oven</b> <ul style="list-style-type: none"> <li>- The column oven must have an operating range of -99°C to 450°C using the optional sub ambient oven accessory (with liquid nitrogen as coolant)</li> <li>- Heat-up time from 50°C to 450°C within 7 minutes (230 VAC version)</li> <li>- Cold-down time from 450°C to 50°C within 5.0 minutes</li> <li>- The oven temperature stability should be within 0.05% of actual temperature</li> <li>- It should have minimum 7 ramps with heating rate of at least 100 deg/min for column oven</li> <li>- It should have minimum 12 litres volume to accommodate two capillary /packed columns.</li> </ul> </li> <li>• <b>Pneumatic compartment</b> <ul style="list-style-type: none"> <li>- The digital pressure and flow controller must be able to</li> </ul> </li> </ul>	1	Jaipur (Rajasthan)

	<p>control and program pressures and flows in up to two independent carrier gas lines</p> <ul style="list-style-type: none"> <li>- The digital pressure and flow controller must be able to operate in Constant Flow, Constant Pressure, Programmed Flow, Programmed Pressure &amp; Pressure Surge Modes</li> <li>- The electronic control of the detector gases must be able to feed different detectors without changing electronics</li> <li>- The pneumatics should be UP TO 1000 KPA to support ultra narrow bore columns of 0.1mm id.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Split/splitless injector</b> <ul style="list-style-type: none"> <li>- The injector must be able to operate with capillary, wide bore and packed columns</li> <li>- The injector should feature an optimized, modular thermal profile for split and splitless injection</li> <li>- The inlet chamber design has to avoid the contact of the sample with hot metal surface</li> <li>- The injector must permit <i>large volume splitless</i> injection (up to 50 microliters) without requiring pressure pulse to quantitatively recover the whole sample, and without any further h/w requirement</li> <li>- The injector must allow timed closure/opening of the purge line</li> <li>- The Maximum Temperature should be up to 400°C. <ul style="list-style-type: none"> <li>• <i>Columns</i></li> </ul> </li> <li>- The instrument must be fitted with two standard capillary columns used for petroleum product analysis.</li> </ul> </li> <li>- <b>Packed column injector</b> <p>This injector accepts ¼”, 6mm and 1/8” OD metal and 6mm OD glass packed columns. It allows for sample vaporization injections. The injector can be heated in the range of 50°C to 400°C in 1°C increments. Wide bore capillary columns may be easily installed by using a dedicated adapter and same is to be supplied with injector.</p> <p>Flame Ionization Detector (2Nos)</p> <p><b><i>System should have flameout detection and timed programming capability.</i></b></p> <p>Compatibility with the Ultra Fast GC options featuring Data acquisition frequencies of 300 Hz. Linear range: better than 10<sup>7</sup> (with micro-packed and packed columns) Minimum detectable amount (with makeup gas): 2x10<sup>-12</sup> gC/sec Operating temperature limits: 450°C with standard ceramic flame jet.</p> <p><b>Software :</b></p> <p>The software should be windows based, fully digital, 32 bit to control the GC &amp; also acquire &amp; process the data from the GC. It should be able to acquire data from all the three detectors simultaneously in three different channels.</p> </li> </ul>		
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	<p>It should have various calculation Methods like % Area, Corrected area, External Standard &amp; Internal Standard etc. It should have facility to view real time chromatograms, overlay chromatograms, view calibration curves, sample table, addition &amp; subtraction of chromatograms, baseline correction, etc. Create &amp; Store various GC Methods, Auto sampler &amp; Head Space Methods and also Analysis Methods.</p> <p>It should have facility for :</p> <ul style="list-style-type: none"> <li>Long file names</li> <li>Icon bar in all windows</li> <li>Simplified Tab method editor</li> <li>Wizard method editor</li> <li>Easy to use report publisher</li> <li>GLP and audit trail</li> <li>Data export to ASCII, Excel, HTML formats</li> <li>Full digital control of GC instrument parameters method as well as auto sampler parameters method.</li> </ul> <p><b>The GC should be upgradable to MS(Single/Triple Quadruple), third detector,Autosampler,Head space sampler in future.</b></p> <p><b>All the utilities like Gas Cylinders,PC,Printer, Gas Purification panel, instrument table &amp; chair should be offered with GC.</b></p> <p><b>The system should be quoted with 2 Years warranty and 3 years free service.</b></p> <p><b>Packed Columns :2 Each-For petroleum products, keroscene, diesel etc.</b></p> <p><b>Please quote separately spares and consumables for 2 years operation.Please give list of spares and consumables with quantity.</b></p> <p><b>User List (Minimum of 50 nos in India)with contact details. 7 days training program at End-User lab</b></p> <p><b>Compliance statement with original brochure and specification sheet showing tender specifications</b></p>		
26	<p><b>Power card for FT Raman –</b></p> <p>Proprietary item to be fixed in the FT Raman IR Model EQUINOX 55 with FRA 106/S</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Jaipur (Rajasthan)
27	<p><b>Ultrasonic vibrator with probe-</b> Output 220 W, Input 230 W (250 Watt), probe should be mounted on a vertical steel bar with probe adjustment facility, moving stage circular</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Bikaner (Rajasthan)

28	<p><b>Microscope with CC microscopesser control stage LCD monitor and ups 1 KVA –</b></p> <p>UIS optical system, UIS Objectives, UIS eyepieces, Microscope frame Illuminator, Reflected light (with ESD performance) 6V30W power supply, light preset switch, Focus Vertical stage movement: 25 mm Fine focus movement: 100 mm Minimum graduation: lum upper limit stop Torque Adjustment for coarse adjustment knobs Maximum specimen height 65 mm (W/o spacer) Observation tube Widefield : Inverted: Binocular, Trinocular and tilting binocular sobsevation tubes Erect: Trinocular and tilting binocular observation tubes, Super Widefield Inverted: Trinocular Objsevation tube Erect: Trinocular and Tilting trinocular oboervation tubes, Reflected light Illuminator 30W halogen, Revolving nosepiece for BF-Sextuple revolving nosepiece with slider slot for DIC with ESD performance Stage- Coaxial stage with left or right hand low drive control, with torque adjustment Movement: X=76mm, Y=52mm Large-Sized coaxial stage with left or light hand low drive control, with Y direction locking mechanism Movement, X=110, Y=52.</p> <p>Warranty should be minimum one year from the date of installation and commissionin</p>	1	Kota (Rajasthan)
29	<p><b>Ultrasonic vibrator with probe-</b></p> <p>Output 220 W, Input 230 W (250 Watt), probe should be mounted on a vertical steel bar with probe adjustment facility, moving stage circular.</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Kota (Rajasthan)
30	<p><b>PCR Machine</b></p> <ol style="list-style-type: none"> <li>1. The instrument should be 96 well PCR System validated for forensic applications and use with HID STR kits having following features</li> <li>2. The instrument should have Touch VGA screen interface</li> <li>3. The instrument should come along with 96 well amplification platform, wherein six different samples can be amplified at user defined temperature simultaneously in a single run.</li> <li>4. The amplification system should have both inbuilt standard and fast mode(40 cycles in less than 40 minutes).</li> <li>5. Standard 0.2mL block enabled to run fast chemistry</li> <li>6. High Ramp Rate : 3.90°C / Sec.Fast, Uniform heating &amp; cooling</li> <li>7. Wide Temperature Range : 4 - 99.9°C</li> <li>8. Computer with all accessories and suitable UPS</li> </ol>	1	Jaipur (Rajasthan)

	<ul style="list-style-type: none"> <li>Warranty should be minimum one year from the date of installation and commissioning</li> </ul>		
31	<p><b>Refrigerated Centrifuge</b></p> <ol style="list-style-type: none"> <li>Microprocessor controlled.</li> <li>Max. Speed 18,000 rpm with 1.5 / 2.0 ml rotor.</li> <li>Max. Volume 4 x 100 ml with swing out rotor.</li> <li>Max. Volume 6 x 85 ml with Fix Angle rotor</li> <li>Temperature Range -20 to 40 deg.</li> <li>Preselect ion of time 30 sec to 99 hours and continuous run.</li> <li>Large LCD display.</li> <li>Maintenance free induction drive.</li> <li>Motorize lid lock.</li> <li>Stainless steel chamber.</li> <li>Automatic Rotor Identification with over speed protection.</li> <li>Active Imbalance Identification.</li> <li>CFC free Refrigeration.</li> <li>Permanent indication for actual &amp; preset values.</li> <li>Program memory for 99 runs.</li> <li>10 acceleration / deceleration.</li> <li>Quick key for short run.</li> <li>Diagnostic Program.</li> <li>Stand still cooling and pre cooling of rotors.</li> </ol> <p>Rotors :</p> <ol style="list-style-type: none"> <li>Fix Angle Rotor for 12 x 1.5 / 2.0 ml tubes with 18000 rpm.</li> <li>Swing Out Rotor for 8 x 50 ml Falcon tubes with Max speed 5000 rpm.</li> <li>Fix Angle rotor for 12 x 15 ml tubes.</li> </ol> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	1	Jaipur (Rajasthan)
32	<p><b>Micropipettes</b></p> <ul style="list-style-type: none"> <li>Multichannel micropipette (8 channel) quantity:two/three</li> <li>separate ejecting system</li> <li>Caliberation: according to EN ISO8655</li> <li>Entire pippet should be autoclavble</li> <li>All type of pipette tips can be accepted (universal tip cone)by the cone</li> <li>Corrosion resistant piston</li> <li>Volume range 0.1µL-10 mL</li> <li>Volume display -4 position</li> </ul> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	3	Jaipur (Rajasthan)

33	<p><b>Vortex</b></p> <table border="1" data-bbox="302 237 1052 1486"> <tr><td>Shaker diameter</td><td>4.5 mm</td></tr> <tr><td>Permissible shaking weight (incl. attachment)</td><td>0.5 kg</td></tr> <tr><td>Motor rating input</td><td>10 W</td></tr> <tr><td>Motor rating output</td><td>8 W</td></tr> <tr><td>Permissible ON time</td><td>100 %</td></tr> <tr><td>Speed min (adjustable)</td><td>200 rpm</td></tr> <tr><td>Speed range</td><td>0 - 3000 rpm</td></tr> <tr><td>Speed display</td><td>scale</td></tr> <tr><td>Timer</td><td>yes</td></tr> <tr><td>Timer display</td><td>7 segment LED</td></tr> <tr><td>Time setting range</td><td>1/60 - 999 min</td></tr> <tr><td>Operating mode</td><td>timer and continuous operation</td></tr> <tr><td>Touch function</td><td>yes</td></tr> <tr><td>Shaking table lock</td><td>no</td></tr> <tr><td>Working with microtiter plates</td><td>yes</td></tr> <tr><td>Number of microtiter plates</td><td>1</td></tr> <tr><td>Dimensions (W x H x D)</td><td>148 x 63 x 205 mm</td></tr> <tr><td>Weight</td><td>2.9 kg</td></tr> <tr><td>Permissible ambient temperature</td><td>5 - 40 °C</td></tr> <tr><td>Permissible relative moisture</td><td>80 %</td></tr> <tr><td>Protection class according to DIN EN 60529</td><td>IP 21</td></tr> <tr><td>RS 232 interface</td><td>no</td></tr> <tr><td>Analog output</td><td>no</td></tr> <tr><td>Voltage</td><td>100 - 240 V</td></tr> <tr><td>Frequency</td><td>50/60 Hz</td></tr> <tr><td>Power input</td><td>20 W</td></tr> <tr><td>DC Voltage</td><td>24 V=</td></tr> <tr><td>Current consumption</td><td>800 mA</td></tr> </table> <p>With all types of head and accessories</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>	Shaker diameter	4.5 mm	Permissible shaking weight (incl. attachment)	0.5 kg	Motor rating input	10 W	Motor rating output	8 W	Permissible ON time	100 %	Speed min (adjustable)	200 rpm	Speed range	0 - 3000 rpm	Speed display	scale	Timer	yes	Timer display	7 segment LED	Time setting range	1/60 - 999 min	Operating mode	timer and continuous operation	Touch function	yes	Shaking table lock	no	Working with microtiter plates	yes	Number of microtiter plates	1	Dimensions (W x H x D)	148 x 63 x 205 mm	Weight	2.9 kg	Permissible ambient temperature	5 - 40 °C	Permissible relative moisture	80 %	Protection class according to DIN EN 60529	IP 21	RS 232 interface	no	Analog output	no	Voltage	100 - 240 V	Frequency	50/60 Hz	Power input	20 W	DC Voltage	24 V=	Current consumption	800 mA	1	Jaipur (Rajasthan)
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34	<p><b>Deep Freezer -20<sup>0C</sup></b></p> <ul style="list-style-type: none"> <li>• Capacity: 300 Liters</li> <li>• Temperature range: - 20 <sup>0C</sup> or more</li> <li>• Vertical Cabinet (upright)</li> <li>• Microprocessor based temperature controller</li> <li>• LCD Display</li> </ul>	1	Jaipur (Rajasthan)																																																								



	<ul style="list-style-type: none"> <li>• Plastic coated Exterior.</li> <li>• Stainless steel Interior.</li> <li>• Door with safety lock.</li> <li>• Rotatable sure-grip door handle.</li> <li>• Audible &amp; visual alarm for high or low temperature alarm.</li> <li>• 110 mm extra thick insulation.</li> <li>• Danfoss compressor.</li> <li>• Password protected configuration page.</li> <li>• 4 Casters provided for easy handling.</li> <li>• 4 wired steel inner shelves.</li> <li>• CFC Free Refrigerant R 507.</li> </ul> <p style="text-align: center;">Certificate : ISO 9001, ISO 14001, ISO 13485</p> <p>Warranty should be minimum one year from the date of installation and commissioning</p>		
35	<p><b>Automated DNA Extraction</b></p> <ul style="list-style-type: none"> <li>• Validated Forensic DNA extraction and purification system with capacity to extract DNA from all types of forensic samples</li> <li>• System should be a bench top system based on cartridge extraction principle.</li> <li>• It should be able to extract DNA from at least 12 samples or more at a time.</li> <li>• System should automate the DNA isolation steps of binding, washing and elution.</li> <li>• Kits for DNA extraction from routine/standard samples and challenging samples such as bone, tooth and adhesive based samples should be available for use with the system. The kits should include combination column which is suitable for both lyses and separation.</li> <li>• Kits and disposables/consumables for at least 50 samples; 50 each routine samples (blood etc.) and 50 difficult samples (bone, tooth and adhesive samples) should be provided by the same vendor along with the instrument.</li> <li>• The instrument should have dispensing volume of 5 to 800 ul</li> <li>• Software for data management and instrument operation/analysis should come along with the instrument.</li> <li>• Operational training should be provided by the vendor.</li> <li>• The instrument should be validated for forensic</li> </ul>	1	Jaipur (Rajasthan)

	<p>applications, certificate for the same should be provided.</p> <ul style="list-style-type: none"> <li>• The user list in the forensic lab for the platforms should be provided</li> <li>• Instrument should come along with one year comprehensive warranty.</li> <li>• Computer with all accessories and suitable UPS</li> </ul>		
36	<p><b>Laboratory Band Hammer Grinder</b></p> <ul style="list-style-type: none"> <li>• Micro Switched based system with High Grinding speed (10000-19000 rpm) for the grinding of grains, seeds cereals and forage, feed etc</li> <li>• Turbine and sieve</li> <li>• Grind sample with 10-50% moisture &amp; upto 20% fat</li> <li>• Capability to grind sample size upto 10mm to 12 mm</li> <li>• Grinding &gt; 1-4 gm/sec</li> <li>• No thermal degradation of sample</li> <li>• Adjustable particle size 1mm to 1/16 mm and 125 ml bottle and seal</li> <li>• Low Noise label &gt; 75-80 dba</li> <li>• Appoved by AOAC</li> <li>• Warranty of one year from the date of Installation and commissioning</li> </ul>	1	Lucknow (Uttar Pradesh)

## TERMS AND CONDITIONS

You are requested to submit your most competitive offer (In Duplicate) under 2 bid system as per details at Sr No. 12 below for the above product/Items. Your offer in a sealed cover duly superscribing the Tender No. Item No. & Name of Item addressed to Shri Akhil Mathur, Chief Manager, General Imports Division, STC of India Ltd., Jawahar Vyapar Bhawan, Tolstoy Marg, New Delhi-110001 may be dropped in a Tender Box placed conspicuously at the STC's Ground Floor Reception of Jawahar Vyapar Bhawan, Tolstoy Marg, New Delhi – 110001.

Your offer should include the following :-

1) **FOB Price, CIP New Delhi & FOR Raipur (Chattisgarh)/Lucknow(U.P)/Jaipur/Kota/Bikaner/ (Rajasthan) price as per Price Bid Format Attached (Schedule C)**

(Break-up of insurance, airfreight upto IGI Airport, New Delhi, Custom Clearance charges, Inland Insurance and Transportation Charges from IGI New Delhi to (a) Raipur (For Item at S.No. 1 to 14) (b) Jaipur (For Item at S.No. 15-23,25,26,30-35) (c) Kota (For Item at S.No 24,28,29) (d) Bikaner (For Item at S.No 27) and (e) Lucknow (For Item at S.No. 36) are to be given.

The documents for

- (i) Authorization in favour of nominated custom clearing handling agent of the supplier,
- (ii) Duty exemption certificate/Declaration under notification 51/96 and
- (iii) Payment of import custom duty (if and as applicable) (upon receipt of copy of Bill of Entry filed with customs) shall be provided by STC.

2) **Country of Origin** (Certificate Duly supported by Chamber of Commerce of the exporting country to be submitted at the time of shipment of goods)

3) **Delivery Schedule** – We need immediate deliveries.

4) **Payment terms** –. 100% payment shall be released only after receipt of Satisfactory Installation/commissioning & Training certificate from the end-user departments. We operate on 100% TT Transfer/ LC Basis. In case of LC, this Certificate would be part of the LC negotiating Documents (as mentioned below) and payment would be released only after receipt of the same from the end-user department. All bank charges (including LC confirmation charges) payable outside India would be to Seller's account.

**Payment Against the letter of Credit/Wire Transfer for 100% of the value will be available against presentation of the following documents and also on proof of evidencing of shipment.**

- a. Complete set of Original Clean Bill of Lading. The Bill of Lading shall be in the name of **THE STATE TRADING CORPORATION OF INDIA LTD., GENERAL IMPORTS DIVISION, JAWAHAR VYAPAR BHAWAN, 6<sup>TH</sup> FLOOR, TOLSTOY MARG, NEW DELHI – 110001 (INDIA) and marked Freight Prepaid.**
- b. Signed invoice in three copies giving letter of credit No., Order No. and date respectively. The invoice shall be in the name of : THE STATE TRADING CORPORATION OF INDIA LTD., GENERAL IMPORTS DIVISION, JAWAHAR VYAPAR BHAWAN, 6<sup>TH</sup> FLOOR, TOLSTOY MARG, NEW DELHI – 110001 (INDIA). In case of Domestic Purchase the invoice shall be in the name of the End-User Department.
- c. Certificate of satisfactory installation/commissioning & training from the end-user department.
- d. Certificate showing goods of **ORIGIN** issued by Chamber of Commerce or Equivalent Body in Duplicate.
- e. Specification and Packing list – three copies.
- f. Manufacturer's guarantee certificate – three copies.
- g. Certificate from the manufacturer to the effect that the goods conform to the manufacturers standards and are new (Production Month in Year 2012/13) and free from any latent or patent defects and are strictly as per Specifications mentioned in Order No.STC:GID:412:2013-14 Dated 09.05.2013
- h. Warranty certificate as per Order.
- i. Insurance Policy/ Certificate showing STC as beneficiary - one original and two copies.
- j. Copy of FAX MESSAGE (Fax No.00-91-11-23701126 / 23701123) marked to General Imports Division, sent by the seller within 24 hours of issuance of Bill of Lading to buyer notifying the details of the BL No., Goods freighted, total invoice value, Name of the Shipping Line loading port and date of departure of the vessel and expected time of its arrival at ICD TKD.

- k. Certificate by the seller that the freightment consists complete requirement as per list of goods given in the Annexure-I enclosed with the order.
  - l. Certificate from the seller that one set of non-negotiable documents mentioned under (a) to (l) above has been airmailed/couriered to the following within 10 Days of departure of the vessel in addition to one set of non-negotiable document sent with the vessel to:
- 5) **Validity of Price** – Your offer to be valid for acceptance by us up to 6 months from the Tender closing date.
  - 6) **Airport/Port of Shipment.**
  - 7) **Supplier’s RTGS Bank Details**
  - 8) **Warranty Period** – The equipment quoted for shall carry a warranty for a specified period as mentioned against each equipment specifications and the manufacturer shall have to provide after sales service, as and when required at a short notice. The Warranty period shall start only upon satisfactory Installation & Demonstration of the equipment at the respective end –user’s premises.
  - 9) **Annual Maintenance Charges:** For the Items where the AMC Charges have been asked for, the tenderers may quote the AMC charges for the period, as mentioned under the item specifications.
  - 10) The detailed list of consumables and spares with CIP, New Delhi prices, required for smooth functioning of the equipment, shall also be submitted along with tender offer.
  - 11) **Schedule to Tender :-**
    - a) **Closing date & time for receipt of Offer : 31.05.2013 at 03.00 PM**
    - b) **Opening of Offers , Time & Date : 31.05.2013 at 03.30 PM**

12) **Offers invited under Two Bid System :**

All Bidders are required to submit their offers in two cover i.e. Technical and Price Bid- (in duplicate). Both the covers should be separately sealed and super –scribed with Tender No. and Date and Date of Opening. The two covers should thereafter be kept in a third cover and sealed. This cover should also be super-scribed with the **Tender No., Item Description and the date of Tender Opening.**

The detailed Technical Specifications of all the items have been mentioned in the Tender Notice.

The tenders will be opened on the closing day itself in presence of the Tenderers desirous to be present.

**SPECIAL INSTRUCTIONS TO THE TENDER NOTICE FOR COMPLIANCE OF THE TENDER PARTICIPANTS :-**

- A. All Equipments to be offered with installation, supervision and complete training to operating staff .
- B. Standard Products should be offered, be of latest models and meet **international specifications and norms of safety, environment, pollution etc.** Models and specifications should be clearly spelt out.
- C. It is mandatory to enclose Product literature with the bids.
- D. In case equivalent make/model/brand is offered, a comparative statement with the make/model/brand desired by customer should be enclosed with bid.
- E. Options on all machines to be offered for one year comprehensive warranty (parts, travel and labour included).
- F. Warranty/Guarantee on the items should be spelt out clearly.
- G. Service arrangements in / for India/ site should be mentioned clearly in the bids. Similarly services included in the price offered for equipment/machines should be mentioned.
- H. Specifications are indicative, better specification may be offered as optional.
- I. Names where ever mentioned are for reference purpose, equivalent or better specification/ brand may be offered.
- J. List of essential spares and consumables should be mentioned and prices offered for the same as optional items.
- K. Option of freight by Sea and Air should be given. (May quote charges for the two options).

**OTHER TERMS AND CONDITIONS**

- (A) Having regard to STC's Corporate Policy, offers from Principal Manufacturer/Distributor or their Authorized agents with Tender Specific authorization by their principal Manufacturer/Distributor in their favour as per Schedule 'A' enclosed only shall be considered..Offers otherwise submitted, if any, are thus liable to be rejected summarily. Offers can also be sent by Mail/Courier/Speed Post, but to be received before the Tender Closing Time.
- (B) In case of Imported equipment, the Authorized agents may quote the prices for and on behalf of their principal manufacturers in the respective foreign currencies. Accordingly, upon award of order STC shall be entering into direct contract with the Principal Manufacturer.
- (C) All offers shall be submitted along with an Earnest Money Deposit (EMD) of 2% of total offer value (in the Form of Pay Order / Demand Draft in favour of The STC of India Ltd., New Delhi ). However, for sake of convenience the foreign suppliers may submit the requisite EMD through their Indian Agents in equivalent Indian Currency, should they so desire. The EMD DD/Payorder to be placed in envelope containing Technical Bid. The Bidders are also requested to provide the RTGS Bank details for future refunds/Payments. EMD's paid by Cheques are not acceptable.

- (D) The Financial Bids of the Tenderers whose Technical Bids are approved shall be opened subsequently.
- (E) Upon award of the Tender/Order to the successful bidder, a Performance Guarantee for due performance of the Contract, **valid up to the warranty period** of the equipment, equivalent to 10% of the order value shall be submitted by the awardee in the prescribed format in favour of end-user department through a Nationalized Bank in India. As per Schedule B enclosed.
- (F) The offers received (other than conditional offers) after opening of bid(s) shall be forwarded to the end-user department for their evaluation.
- (G) You are also requested to kindly give the details of after sales service arrangements in India. The name of your Service representative in India along with his complete address and contact numbers may also be informed to us along with the offer so that the same could be notified to the end-user.
- (H) The participating tenderers will sign and stamp each page of the tender document in token of their acceptance of STC's tender terms and conditions unconditionally & unequivocally and submit same along with the offer (Technical Bid). The offer, not accompanied by STC's tender terms duly co-accepted, shall be summarily rejected.
- (I) No deviation, whatsoever, shall be acceptable. The tenderer has to certify that by duly signing and stamping the following certificate:

CERTIFICATE

Certified that the enclosed offer against Tender No. STC/GID/412/2013-14 dated 09.05.2013 is in total conformity with tender terms & conditions including special instructions and specifications without any deviation, whatsoever.

Place:  
Date:

SIGNATURE OF THE TENDERER  
NAME & DESIGNATION OF TENDERER  
COMPANY SEAL

- (J) An undertaking/certificate stating that the rates quoted are uniform for all the Government Institutions in the country is to be provided. This certificate giving the reference of STC's Tender No. and Date along with your quoted item details may be submitted in original and the items if proprietary, a certificate to this effect may also be given.
- (K) In case of delay in supplies beyond the quoted delivery period, liquidated damages to the extent of 0.5% of the cost of the delayed supplies per week is applicable, subject to a maximum of 10%. Beyond this period, we reserve the right to either extend further or to cancel the contract.
- (L) Arbitration: Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, operation or effect of the contract or the breach thereof shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration, New Delhi and the award made in pursuance thereof shall be binding on the parties. The contract shall in all aspects be governed by Indian laws. The courts in India at New Delhi alone shall have jurisdiction in the matter. The language of Arbitration shall be English.
- (M) It shall be the exclusive right of STC to accept or reject any or all offers including the lowest offer either wholly or partly without having to assign any reason therefore. Conditional offers are liable to be rejected summarily. Like wise, incomplete offers or offers submitted without the requisite EMD are also likely to be rejected.

**New Delhi.**  
**09.05.2013**

**AKHIL MATHUR**  
**CHIEF MANAGER**  
**Direct Tele No. – 23462129/23462286**



## नियम और शर्तें

आपसे अनुरोध है कि उपर्युक्त उत्पाद श्रृंखला हेतु अपनी सर्वाधिक प्रतिस्पर्धात्मक ऑफर ( 2 प्रतियों में) प्रस्तुत करें। आपकी ऑफर एक मोहरबंद लिफाफे में निविदा संख्या मद संख्या और मद का नाम लिखते हुए श्री अखिल माथुर मुख्य प्रबंधक, सामान्य आयात प्रभाग, एसटीसी ऑफ इण्डिया लिमिटेड, जवाहर व्यापार भवन, टॉलस्टाय मार्ग, नई दिल्ली – 110001 को संबोधित करते हुए जवाहर व्यापार भवन, टॉलस्टाय मार्ग, नई दिल्ली – 110001 में स्वागत कक्ष भूतल में रखे हुए निविदा बॉक्स में जमा की जानी चाहिए।

आपकी ऑफर में निम्नलिखित शामिल होने चाहिए:-

1. **एफओबी मूल्य, सी आई पी नई दिल्ली और रायपुर (छत्तीसगढ़)/ लखनऊ (उत्तर प्रदेश) /जयपुर/ कोटा/ बीकानेर (राजस्थान) हेतु** इंदिरा गांधी अंतरराष्ट्रीय हवाई अड्डा, नई दिल्ली तक बीमा, हवाई भाड़ा, आईजीआई, नई दिल्ली से (क) रायपुर तक कस्टम क्लीयरेंस शुल्क, अंतर्देशीय बीमा और परिवहन शुल्क (क्रम संख्या 1 से 14 की मदों हेतु ) (ख) जयपुर ( क्रम संख्या 15-23,25,26,30-35 की मदों हेतु) (ग) कोटा ( क्रम संख्या 24,28,29 की मदों हेतु) एवं (घ) बीकानेर(क्रम संख्या 27 की मद हेतु) (ड) लखनऊ( क्रम संख्या 36 की मद हेतु)।
  - (1) आपूर्तिकर्ता के नामांकित हैंडलिंग एजेंट के पक्ष में कस्टम क्लीयरेंस
  - (2) ड्यूटी छूट प्रमाणपत्र और
  - (3) ड्यूटी की राशि हेतु पे-आर्डर ( कस्टम में दर्ज प्रवेश पत्र (बिल ऑफ एंट्री ) की प्रति की प्राप्ति पर के कागजातों की व्यवस्था एसटीसी द्वारा की जाएगी।
- 2) **मूल (ऑरिजिन) देश** (यह निर्यातक देश के चैम्बर ऑफ कॉमर्स द्वारा सही प्रकार से समर्थित हो जो माल के पोत-लदान के समय प्रस्तुत किया जाएगा।)
- 3) **डिलीवरी कार्यक्रम**-हमें तत्काल डिलीवरी की आवश्यकता है।
- 4) **भुगतान शर्तें** - हम 100% टी टी ट्रांसफर/ एलसी आधार पर कार्य करते हैं। भुगतान अंतिम प्रयोक्ता प्रभागों से संतोषजनक स्थापना / कमीशनिंग एवं प्रशिक्षण प्रमाणपत्र की प्राप्ति के पश्चात ही जारी किया जाएगा। एलसी के मामले में यह प्रमाणपत्र एलसी वार्ता कागजात का अंग होगा तथा

भुगतान अंतिम प्रयोक्ता विभाग से इसकी प्राप्ति के पश्चात ही जारी किया जाएगा । भारत से बाहर देय सभी बैंक प्रभार ( एलसी पुष्टिकरण प्रभार सहित ) विक्रेता के लेखे में जाएंगे ।

साख पत्र / वायर अंतरण हेतु 100 प्रतिशत मूल्य का भुगतान निम्नलिखित कागजातों को प्रस्तुत करने तथा पोतलदान का साक्ष्य दिखाने पर उपलब्ध होगा

क) मूल स्वच्छ लदान पत्र का पूरा सेट । लदान पत्र स्टेट ट्रेडिंग कार्पोरेशन ऑफ इण्डिया लि., सामान्य आयात प्रभाग, जवाहर व्यापार भवन, छठी मंजिल, टॉलस्टॉय मार्ग, नई दिल्ली – 110001 (भारत) अधिसूचित करने और पूर्व भुगतान किया गया भाड़ा अंकित करने के नाम में होगा ।

ख) हस्ताक्षरित बीजक साख पत्र संख्या, आर्डर संख्या और तारीख क्रमशः देते हुए 3 प्रतियों में । बीजक:- स्टेट ट्रेडिंग कार्पोरेशन ऑफ इण्डिया लि., सामान्य आयात प्रभाग, जवाहर व्यापार भवन, छठी मंजिल, टॉलस्टॉय मार्ग, नई दिल्ली - 110001 (भारत) के नाम में होगा । घरेलू खरीद के मामले में चालान अंत प्रयोक्ता विभाग के नाम पर किया जाएगा □

ग) अंत उपयोगकर्ता विभाग से संतोषजनक स्थापना/ प्रशिक्षण का प्रमाण पत्र ।

घ) वाणिज्य चेंबर या समकक्ष निकाय द्वारा माल का ओरिजिन दर्शाता दो प्रतियों में प्रमाणपत्र ।

ङ) विनिर्देश और पैकिंग सूची - 3 प्रतियाँ ।

च) निर्माता गारंटी प्रमाणपत्र - 3 प्रतियाँ ।

छ) निर्माता से इस आशय का प्रमाणपत्र कि माल निर्माता के मानकों के अनुरूप है और नया है (वर्ष 2012 - 13 में उत्पादन माह) और किसी लेटेंट या पेटेंट कमियों से मुक्त और आर्डर नंबर - एसटीसी / जीआईडी /412 /2013-14 दिनांक 09.05.2013 में उल्लिखित विनिर्देशों के अनुसार हैं□

- ज) आर्डर के अनुसार वारंटी प्रमाणपत्र ।
- झ) बीमा पॉलिसी / प्रमाणपत्र एसटीसी लाभार्थी के रूप में दिखा कर - एक मूल और दो प्रतियाँ ।
- ट) सामान्य आयात प्रभाग को प्रेषित, विक्रेता द्वारा साख पत्र संख्या, भाड़ा अदा किया माल कुल बीजक मूल्य, शिपिंग लाइन लोडिंग पोर्ट का नाम और जहाज के प्रेषण और आईसीडी टीकेडी पर उसके पहुँचने का अपेक्षित समय का ब्यौरा अधिसूचित करते हुए खरीददार को लदान पत्र जारी करने के 24 घंटे के अंदर भेजे गए फैक्स संदेश ( फैक्स नं. 00 - 91 - 11- 23701126/23701123 ) की प्रति ।
- ठ) विक्रेता द्वारा प्रमाणपत्र कि फ्रेटमेंट में, आर्डर में संलग्न अनुलग्नक - 1 में दी हुई माल की सूची के अनुसार पूरी अपेक्षा सम्मिलित है ।
- ड) विक्रेता से प्रमाणपत्र की उपर्युक्त (क ) से (ड) के तहत उल्लिखित गैर लेनदेन कागजातों का एक सेट निम्नलिखित को जहाज के डिपार्चर के 10 दिन के भीतर एयर मेल किया गया है/ कूरियर से भेजा गया है और ऐसा ही एक सेट जहाज के साथ निम्नलिखित को भेजा गया है -  
स्टेट ट्रेडिंग कार्पोरेशन ऑफ इण्डिया लि., सामान्य आयात प्रभाग, जवाहर व्यापार भवन, छठी मंजिल, टॉलस्टॉय मार्ग, नई दिल्ली - 110001 (भारत)
- 5) **कीमत की वैधता** - आपकी ऑफर निविदा बंद होने की तारीख से 6 महीनों तक हमारे द्वारा स्वीकृति के लिए वैध होगी ।
- 6) **एयरपोर्ट/ पोत लदान पत्तन**
- 7) **आपूर्तिकर्ता का बैंक विवरण (RTGS Details )**
- 8) **वारंटी अवधि-** उद्धरित उपकरण हेतु प्रत्येक उपकरण हेतु उल्लिखित विनिर्देशनों के अनुसार दी गयी अवधि की वारंटी होगी और निर्माता को जब भी आवश्यकता होगी एक लघु नोटिस पर बिक्री पश्चात् सेवा उपलब्ध करानी होगी । वारंटी अवधि केवल संबंधित अंतिम प्रयोक्ता के परिसर में उपकरण के संतोषजनक स्थापना एवं प्रदर्शन के पश्चात ही प्रारंभ होगी ।

- 9) **वार्षिक रखरखाव प्रभार:-** उन मदों हेतु जहाँ एएमसी प्रभारों की मांग की गयी है, निविदाकर्ता मद विनिर्देशनों के अधीन उल्लिखित अवधि हेतु एएमसी प्रभार उद्धरित करें।
- 10) उपकरण के सही प्रचालन हेतु अपेक्षित सीआईएफ, नई दिल्ली के उपभोग्य और कलपुर्जा की एक विस्तृत सूची भी निविदा ऑफर के साथ प्रस्तुत की जाएगी ।
- 11) निविदा कार्यक्रम:-
- i) ऑफर प्राप्त करने की अंतिम तारीख और समय: 31.05.2013 भारतीय मानक समय के अनुसार अपराह्न 3.00 बजे तक
- ii) ऑफर खुलने का समय और तारीख: 31.05.2013 भारतीय मानक समय के अनुसार अपराह्न 3.30 बजे ।

12) **दो निविदा प्रणाली के अधीन आमंत्रित ऑफर**

सभी निविदाकर्ताओं से अपेक्षा की जाती है कि वे अपनी ऑफर 2 लिफाफों में - तकनीकी निविदा और कीमत निविदा (दो प्रतियों में ) प्रस्तुत करें । दोनों लिफाफे अलग अलग मुहरबंद होने चाहिए और इन पर निविदा संख्या और तारीख और निविदा खुलने की तारीख लिखी जानी चाहिए । ये दोनों लिफाफे एक तीसरे लिफाफे में रखे जाने चाहिए और इसे मुहरबंद किया जाना चाहिए । इस लिफाफे पर भी निविदा संख्या, मद का विवरण और निविदा खुलने की तारीख लिखी जानी चाहिए ।

**निविदा में भाग लेने वालों के अनुपालन हेतु निविदा सूचना के विशिष्ट निर्देश**

- क) सभी उपकरण स्थापना, पर्यवेक्षण और प्रचालन स्टॉफ को पूर्ण प्रशिक्षण के साथ ऑफर किए जाएंगे ।
- ख) मानक उत्पाद अद्यतन मॉडल के होने चाहिए जो अन्तरराष्ट्रीय विनिर्देशनों तथा सुरक्षा, पर्यावरण, प्रदूषण आदि की शर्तों को पूरा करते हों । मॉडल और विनिर्देशन स्पष्ट रूप से बताए जाने चाहिए ।
- ग) यह अति आवश्यक है कि उत्पाद विवरण बोली के साथ संलग्न किया जाए ।
- घ) यदि उपकरण मेक / मॉडल / ब्रांड ऑफर किया जाता है तो ग्राहक द्वारा इच्छा व्यक्त की गयी मेक / मॉडल / ब्रांड के साथ बोली सहित एक तुलनात्मक विवरणिका संलग्न की जानी चाहिए ।

- ड) सभी मशीनों हेतु विकल्प एक वर्ष की वृहद वारंटी के साथ (कलपुर्जो, यात्रा और श्रम सहित) ऑफर किए जाएंगे ।
- च) मर्दों पर वारंटी / गारंटी स्पष्ट रूप से बतायी जानी चाहिए ।
- छ) भारत में / कार्यस्थल पर सेवा व्यवस्था का बोली में स्पष्ट रूप से उल्लेख किया जाना चाहिए । उपकरण/मशीनों हेतु ऑफर की गयी कीमत में शामिल की गयी इसी प्रकार की सेवाओं का उल्लेख किया जाना चाहिए ।
- ज) विनिर्देशन सांकेतिक हैं । विकल्प के तौर पर इनसे बेहतर विनिर्देशन ऑफर किए जा सकते हैं ।
- झ) नाम जहाँ कहीं भी उल्लेखित हैं, संदर्भ उद्देश्य, समकक्ष या बेहतर विनिर्देशन / ब्रांड हेतु ऑफर किए जाएंगे ।
- ञ) आवश्यक कलपुर्जो और उपभोग्य सामग्री की सूची तथा वैकल्पिक मर्दों के तौर पर इनके लिए ऑफर की गई कीमतों की सूची का उल्लेख किया जाना चाहिए ।
- ट) समुद्री और हवाई भाडे का विकल्प दिया जाना चाहिए । ( दोनों विकल्पों हेतु प्रभार उद्धरित करें )

सभी मर्दों के विस्तृत तकनीकी विनिर्देश, निविदा सूचना में उल्लेखित की गयी है । निविदाएँ उसी दिन उपस्थित होने के इच्छुक निविदाकर्ताओं की उपस्थिति में अंतिम तारीख को खोली जाएंगी।

### अन्य निबंधन एवं शर्तें

- (क) एसटीसी की कार्पोरेट नीति के संबंध में मुख्य निर्माता/आपूर्तिकर्ता या उनके प्राधिकृत एजेंटों की ऑफर्स पर उनके मुख्य निर्माता/आपूर्तिकर्ता द्वारा निविदा विशिष्ट प्राधिकार सहित उनके पक्ष में संलग्न अनुसूची ए के अनुसार होने पर ही विचार किया जाएगा । अन्यथा प्रस्तुत की गई ऑफर्स को रद्द कर दिया जाएगा । ऑफर्स डाक/कूरियर/स्पीड पोस्ट के द्वारा भी भेजी जा सकती हैं । किन्तु ये निविदा के अंतिम समय से पहले प्राप्त हो जानी चाहिए ।
- (ख) आयातित उपकरण के मामले में प्राधिकृत एजेंट संबद्ध विदेशी मुद्रा में उनके मुख्य निर्माताओं के लिए और उनकी ओर से कीमतें उद्धरत कर सकती हैं । तदनुसार एसटीसी आदेश प्रदान करने पर मुख्य निर्माता के साथ प्रत्यक्ष सम्पर्क करेगा ।

(ग) सभी ऑफर्स उद्धरित दरों के 2% की धरोहर राशि जमा (ईएमडी) के साथ एसटीसी ऑफ इण्डिया लिमिटेड, नई दिल्ली के पक्ष में पे-आर्डर/डिमांड ड्रॉफ्ट के रूप में जमा की जाएंगी। तथापि सुविधा के लिए विदेशी आपूर्तिकर्ता अपेक्षित धरोहर राशि जमा अपने भारतीय एजेंटों के माध्यम से समकक्ष भारतीय मुद्रा में जमा कर सकते हैं यदि वे ऐसा करने के इच्छुक हों। ईएमडीडीडी / पे-आर्डर लिफाफे में रखे जाएंगे जिनके साथ तकनीकी निविदा होनी चाहिए। बैंक चेक द्वारा ईएमडी स्वीकार्य नहीं हैं।

(घ) उन निविदाकर्ताओं की वित्तीय निविदाएँ बाद में खोली जाएंगी जिनकी तकनीकी निविदाएँ अनुमोदित हैं।

(ङ) सफल निविदाकर्ता को निविदा/आर्डर देने पर कीमत के 10% के बराबर भारतीय मुद्रा में और उपकरण के गारंटी अवधि तक वैध संविदा के सही निष्पादन के लिए निविदाकर्ता (अवार्डी) द्वारा निष्पादन गारंटी प्रस्तुत की जाएगी जो निर्धारित प्रपत्र में संलग्न अनुसूची बी के अनुसार भारत के एक राष्ट्रीय बैंक के माध्यम से अंतिम प्रयोक्ता विभाग के पक्ष में होगी।

(च) निविदाएँ खुलने के पश्चात प्राप्त ऑफर्स को अंतिम प्रयोक्ता विभाग के पास उनके मूल्यांकन हेतु अग्रेषित कर दिया जाएगा।

(छ) आपसे यह भी अनुरोध है कि कृपया भारत में बिक्री पश्चात सेवा व्यवस्था का विवरण दें। ऑफर्स के साथ भारत में आपकी सेवा प्रतिनिधि का नाम, उनका पूर्ण पता और सम्पर्क नम्बर भी हमें सूचित किया जाए ताकि अंतिम प्रयोक्ता विभाग को सूचित किया जा सके।

(ज) भाग लेने वाले निविदाकर्ता एसटीसी की निविदा की शर्तों को बिना शर्त और असंदिग्ध रूप से स्वीकारते हुए निविदा कागज़ात के प्रत्येक पृष्ठ पर मोहर सहित हस्ताक्षर करेंगे और इसे ऑफर (तकनीकी निविदा) के साथ प्रस्तुत करेंगे। एसटीसी की निविदा शर्तों को उपयुक्त रूप से स्वीकार न करने वाले ऑफर एक दम निरस्त कर दिए जाएंगे।

(झ) किसी भी प्रकार का परिवर्तन स्वीकार्य नहीं होगा। टेंडरकर्ता को हस्ताक्षर तथा मोहर लगाकर निम्नलिखित प्रमाणित करना होगा

प्रमाण पत्र

प्रमाणित किया जाता है कि टेंडर न. एसटीसी/जीआईडी/412/2013-14 दिनांक- 09.05.2013 के लिए संलग्न ऑफर टेंडर की निबंधन एवं शर्तों की पूर्ण पुष्टि में हैं जिनमें बिना किसी भी प्रकार के परिवर्तन के विशिष्ट निर्देश और विनिर्देशन, जो भी हो शामिल हैं ।

स्थान :

निविदाकर्ता के हस्ताक्षर

दिनांक :

नाम तथा पदनाम

कम्पनी की मुहर

(ण) किसी मामले में उद्धरित डिलीवरी अवधि से परे आपूर्ति में विलम्ब होने पर लिक्विडेटिड क्षतियाँ विलम्बित आपूर्ति की लागत के 0.5 प्रतिशत की सीमा तक प्रति सप्ताह के अनुसार लागू होगी जो अधिकतम रूप से 10 प्रतिशत के अधीन होगी । इस अवधि के पार हमें संविदा को आगे बढ़ाने या रद्द करने का अधिकार है ।

(त) **मध्यस्थता:-** निविदा की संरचना, अर्थ, प्रचालन या प्रभाव के संबंध में या इसके उल्लंघन में या पार्टियों के मध्य उठने वाले किसी भी विवाद या मतभेद के मामले भारतीय मध्यस्थता परिषद नई दिल्ली के मध्यस्थता नियमों के अनुसार मध्यस्थता द्वारा निपटाए जाएंगे तथा इस क्रम में लिया गया निर्णय पार्टियों पर बाध्यकारी होगा । संविदा हर दृष्टि से भारतीय कानून के अनुसार संचालित की जाएगी । भारत में नई दिल्ली की अदालतें इस मामले में न्यायाधि क्षेत्र होंगी । मध्यस्थता की भाषा अंग्रेजी होगी ।

(थ) एसटीसी को बगैर कोई कारण बताए किसी भी या सभी ऑफर्स को जिसमें निम्नतर ऑफर को या तो पूर्णतया या आंशिक तौर पर स्वीकार या अस्वीकार करने का अधिकार होगा । इसलिए सशर्त ऑफर को तत्काल अस्वीकार कर दिया जाएगा । इसी प्रकार से अधूरी ऑफर्स या बगैर धरोहर जमा राशि के प्रस्तुत की गयी ऑफर्स को अस्वीकार कर दिया जाएगा ।

(श्री अखिल माथुर)

मुख्य प्रबंधक

टे.न. 23462129/23462286

नई दिल्ली,

09.05.2013

UNDERTAKING TO BE SUBMITTED BY PRINCIPAL MANUFACTURER /

DISTRIBUTER

## Schedule "A"

It is to certify that

M/s \_\_\_\_\_

**(Name & Address of Tenderer) is our Authorised Distributor / Dealer. They are Authorised**

**to submit tender for \_\_\_\_\_ (Name of Item) to the State Trading**

**Corporation of India Ltd., New Delhi against their Tender Notice No**

\_\_\_\_\_ **Dated** \_\_\_\_\_.

The Equipment / Item is Guaranteed for minimum..... year Comprehensive Guarantee / Warranty with Spare Parts from the date of installation and Authorised Distributor / Dealer shall during the Guarantee period replace the parts if any, or rectify any manufacturing defect found during the above period so as to make the machinery operative and in perfect condition.

They are also Authorised to carry out Annual Maintenance Contract and repairs contract for the period as desired by the purchase officer after the expiry of ..... year comprehensive Guarantee / Warranty. They will be responsible to ensure adequate regular supplies of spare parts, consumables, non- consumables needed for the same whether AMC or otherwise.

In case of change of Authorised Distributor / Dealer, we will inform the purchase officer accordingly. The new Dealer / Distributor will be responsible for after sales & service and annual maintenance and repairs contract as above. In case of failure of Authorised Dealer / Distributor we will be responsible for providing after sales service of the equipment as per terms and conditions of tender and contract.

**SIGNATURE OF THE PRINCIPAL MANUFACTURER/ DISRIBUTER**

**WITH RUBBER STAMP**

Note: This Undertaking should be Typed & Signed by Principal Manufacturer/ Distributer on his Original Letter Pad



**Schedule 'B'**

PERFORMANCE BANK GUARANTEE FORMAT

(To be executed by any Prime Bank in India having their Branch in the State of End-user  
Department on stamp paper of Rs.100/-)

Name & Address of the Buyers(End-user Department)

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1. Against Tender No. \_\_\_\_\_ dated \_\_\_\_\_ and Contract No. \_\_\_\_\_ Dated - \_\_\_\_\_ (hereinafter called the Contract entered into between the STC of India Ltd., New Delhi for and on behalf of \_\_\_\_\_ (hereinafter called the Buyers/End user Department) and M/s. \_\_\_\_\_ (Name and Complete Address) (hereinafter called the Sellers) this is to certify that at the request of the Sellers, we \_\_\_\_\_ Bank unconditionally and irrevocably guarantee to pay to the Buyers immediately on first demand, the amount of US \$/Rupees \_\_\_\_\_ (@ 10% of contract value) without any protest or demur or reference to the Sellers if the Sellers fail to perform all or any of their obligations under the said contract. The decision of the Buyer/End user \_\_\_\_\_ or The STC of India Ltd., New Delhi duly communicated in writing to the bank that the sellers have failed to perform all or any of the obligations under the contract shall not be questioned and be final and conclusive. The said amount of US \$/Rupee \_\_\_\_\_ will accordingly forthwith be paid without any conditions or requirement of our proof whatsoever failing which interest @ 15% p.a. on monthly rest basis shall be payable by the Bank to Buyer.
2. It is fully understood that this guarantee is effective for a period upto \_\_\_\_\_ (12/24 Months + Delivery Period) and that we \_\_\_\_\_ Bank undertake not to revoke this guarantee during its currency (upto claim period) without the consent in writing of the Buyers.
3. We \_\_\_\_\_ Bank, further agree that the buyer shall have the fullest liberty, without affecting in any manner or obligations hereunder to vary any of the terms and conditions of the said contract or/extend time of performance by the Sellers from time to time or to postpone for any time or from time to time any of the powers exercisable by the Buyers against the said sellers and/or forebear to enforce any of the terms & conditions relating to the said contract and we, \_\_\_\_\_ Bank shall not be released from our liabilities under this guarantee by reasons of any such variations or extension being granted to the said sellers or for any forbearance and/or commission on the part of the buyers, or any indulgence by the Buyers, to the said Sellers or by any other matter or thing whatsoever which under the law relating to the sureties would, but for this provision have the effect of so releasing us from our liability under this performance guarantee. We further agree that the validity period of this Performance Bank Guarantee will be extended by us upon receipt of any such

request in writing from the Buyer and any charges on account thereof shall be to the account of supplier on whose behalf this Bank Guarantee is being opened.

4. We \_\_\_\_\_ Bank further agree that the guarantee herein contained shall not be affected by any change in the constitution of the said Sellers/Buyers.
5. The Guarantee will be governed by Indian Laws and will be subject to the jurisdiction of competent courts in the State of Buyer / End – user India alone.
6. No claim shall be admissible against the Buyer in respect of interest on Performance Guarantee regardless of the time of release.
7. This Guarantee will remain in force up to \_\_\_\_\_ (12/24 Months + Delivery Period) and any demand in respect thereof should reach Bank not later than 10 (Ten) working days (claim period) from the expiry of above validity date.

FOR \_\_\_\_\_ BANK

ACCEPTED

**Price Bid**

**ON THE LETTER HEAD OF THE COMPANY**

Tender No. & Date : .....  
Name of the Item Quoted : .....  
S.No. of Item in Tender Document : .....

**Price Format for Imported Equipment**

Details	Price (Currency)
Ex-Works Price	
FOB (Port /Airport) Price	
Insurance & Airfreight Charges upto New Delhi	
Total CIP Price, IGI Airport New Delhi	
Applicable Rate of Import Custom Duty	In %age
Custom Clearing & Handling Charges	
Inland Transport & Transit Insurance Charges	
Total FOR _____ Destination Price	

**Price Format for Local Supplies**

Price of the Goods Ex- Works	
CST/VAT @ .....%	
Inland Transportation & Transit Insurance Charges	
Total FOR _____ Destination Price	

We have carefully gone through the Terms and Conditions of the Tender Documents and hereby agree to abide by the same for the fulfillment of the contract. This is to also confirm that I am fully authorized by company for signing and submitting this price bid.

Place:  
Date:

SIGNATURE OF THE TENDERER  
NAME & DESIGNATION OF TENDERER  
COMPANY SEAL