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GOVERNMENT OF ODISHA  
HEALTH & FAMILY WELFARE DEPARTMENT  
OFFICE OF THE SUPERINTENDENT, VSS INSTITUTE OF MEDICAL  
SCIENCES & RESEARCH, BURLA, (SAMBALPUR) ODISHA-768017

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No. 19079 /VIMSAR Dated, Burla, the 5<sup>th</sup> December, 2025

TENDER CALL NOTICE

Sealed Tenders are hereby invited by the undersigned from the reputed Authorized Dealers & Registered firms under GST Act for supply of the following **Instruments & Equipments** required for Sickle cell unit of this Hospital. so as to reach this office of the Superintendent, V.S.S. Institute of Medical Sciences & Research, Burla on or before **dt.02-01-2026** up to **5-00 P.M.** through Regd.Post/ Speed Post/Courier only and that will be opened in the next working day at 11.30 A.M.

1. Dissecting Microscope
2. Digital Microprocessor based incubator
3. Electronic precision balance
4. pH meter with spare electrodes
5. Ophthalmic forcep for CVS separation under microscope
6. Circulatory water bath with lid
7. Computer with monitor and scanner and printer

The detail technical specifications along with terms & conditions of this Tender Call Notice can be downloaded from Dist. website [Sambalpur.odisha.gov.in](http://Sambalpur.odisha.gov.in) and [www.vimsar.ac.in](http://www.vimsar.ac.in)

The undersigned/committee reserves the full right to accept in full or reject any or all the tenders without assigning any reasons thereof.

  
Superintendent,  
VIMSAR, Burla

### TERMS AND CONDITIONS

1. The tenderer should be a Registered Firm under GST Act.
2. The quoted rate should be inclusive of all taxes except GST. The GST charges should be clearly mentioned. The technical specification of the equipment should be at par with the technical specification floated in the tender call notice.
3. The delivery of the equipment should be made in the main medical store in good condition which will be installed in the Sickle Cell Department.
4. Any conditional Tender will not be accepted.
5. No advance payment will be made against execution of order. Payment will be released only after successful supply, installation and satisfactory working of the item.
6. The rate should be valid for one year from the date of approval.
7. Original documents may be produced for verification if asked for.
8. If any information/documents furnished by the tenderers with the tender papers are found to be misleading or incorrect, at any stage their tenders will be cancelled.
9. The tenders should be furnished in time with sealed cover duly super scribed as **"TENDER FOR SUPPLY OF INSTRUMENT & EQUIPMENTS FOR SICKLE CELL UNIT AND DUE DATE IS DT. 02-01-2026 UP TO 05.00 P.M.**
10. The tenders will be received up to 5.00 P.M. of dt.02-01-2026 through Regd.Post/Speed Post/ Courier only to the office of the Superintendent, VSS Institute of Medical Sciences & Research, Burla. The tenders received beyond the scheduled date & time will not be entertained. The postal/courier delay is the responsibility of the tenderers. The tenders will be opened in the next working day by a Committee at 11.30 A.M. The tenderer may attend while opening the tenders.
11. The cost of the Tender call Notice is Rs.2000/- which is non refundable. The cost of tender should be deposited in shape of Bank Draft drawn in favour of the Superintendent, VIMSAR, Burla.
12. The following documents will be enclosed in the tender paper.
  - (i) Copy of GST Registration Certificate.
  - (ii) Copy of the PAN Card.
  - (iii) Rs. 10,000/- in shape of NSC/Bank Draft/FDR duly pledged in favour of the Superintendent, VSS Institute of Medical Sciences & Research, Burla should be deposited as EMD which will be refunded after selection of the item. If any exemption to be availed than the authentic supporting documents to be enclosed otherwise their tender may be cancelled.
  - (iv) The authorization letter of the Principal Firm should be enclosed in the Tender with due attested, if the firm is an authorized dealer.
  - (v) The Bank Draft of Rs.2000/- drawn in favour of the Superintendent, VIMSAR, Burla towards cost of tender paper to be enclosed in the tender. If any exemption to be availed than the authentic supporting documents to be enclosed otherwise the tender may be cancelled.
  - (vi) An undertaking regarding "The quoted rates are not more than the prevailing market price" and will be valid for one year.

The undersigned/committee reserves the full right to accept in full or part or reject any or all the tenders without assigning any reasons thereof. The selection will be made on quality basis wherever necessary.



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VIMSAR, Burla

**DETAIL LIST OF INSTRUMENTS & EQUIPMENTS WITH TECHNICAL SPECIFICATIONS  
REQUIRED FOR THE SICKLECELL UNIT OF VIMSAR, BURLA.**

SI No	Name of the item
1	Dissecting Microscope
2	Digital Microprocessor based incubator
3	Electronic precision balance
4	pH meter with spare electrodes
5	Ophthalmic forceps for CVS separation under microscope
6	Circulatory water bath with lid
7	Computer with monitor and scanner and printer

**Technical Specification of instruments/equipments**

Name of the instrument/equipment	Specification
Dissecting Microscope	<p><b>Use:</b> Phase contrast microscope used for separating CVS tissue samples for prenatal diagnosis, Manipulation of micro objects under higher magnification and stereoscopic view.</p> <p>Focus Unit: The focus unit must be combined with the base unit, option for motorized or manual focus</p> <p>Lenses: easy mounting and removals, Real time visualisation of the objects in the screen/PC included with the set.</p> <p>Remote control/device for capturing images available</p> <p>Magnification: From 5x to 200x or more, Zoom: ~ 5x optical zoom (zoom ratio at least 1:6)</p> <p>Eye-piece: Wide field eyepiece, Binocular with additional eyepiece (trinocular type) with built-in adaptor suitable for digital acquisition and documentation</p> <p>Field contrast: Brighter image with high contrast for appropriate manipulation of the object under view</p> <p>Inter-pupillary distance adjustment: Yes, Working distance: About 80 to 100 mm</p> <p>Light: coaxial Fibre illuminator, Flexible Double Arm Fibre illumination, manual EPI fluorescent ring illuminator provision, Accessories included with the microscope (inclusive): auxiliary objective lens for higher magnification ranges suitable for the working distance, fluorescent or LED illuminator accessory supplied with the microscope, Dark-field Observation Accessory included, Polarizing Observation Accessory Included</p> <p>Warranty: At least two years manufacturer warranty.</p>
Digital Microprocessor based incubator	<p><b>Use:</b> incubation required for processing CVS tissue and restriction enzyme assays</p> <p>Chamber volume: 4.0 - 6.0 cu. ft.</p> <p>Temperature range: 4 - 100°C</p> <p>Temperature uniformity @37°/56°/90°C: ±0.25°C/±0.6°C/±0.9°C</p> <p>Temperature accuracy: ±0.2°C - 0.1°C</p> <p>Temperature display: Yes, bright and large</p> <p>Removable steel rack (at least three): Yes</p> <p>Microprocessor based interface: Yes, temp control</p> <p>Safety/security: Alarm for Power failure/high temp/low temp. Door locking facility/visible glass front window made of high temp compatible clear glass.</p> <p>Power: 220 VAC/50-60 Hz</p> <p>Accessories (inclusive): Power stabilizer 220VAC</p> <p>Warranty: At least two years manufacturer warranty.</p>
Electronic precision balance	<p><b>Use:</b> precision weighing of various molecular biology chemicals and ingredients for DNA and PCR works</p> <p>Weighing Capacity : up to ~ 200gms</p> <p>Min. Weighing value : 0.01mg</p> <p>Linearity: +0.0002 gm</p> <p>Repeatability/std. Dev: 0.0001 gm, Stabilization time: less than 5 seconds (typically)</p> <p>Pan size: more than 80 mm, Taring button, At least three different units of weight measurement must be provided</p> <p>Auto calibration facility, three way access facility, LPT/USB printer attachment facility. Sliding glass shutters/doors</p> <p>Warranty - At least two years manufacturer warranty.</p>

  
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<p>pH meter with spare electrodes</p>	<p><b>Use: accurate measure of pH of various molecular biology reagents, buffers and solutions for DNA PCR works</b>                  Bench top model. pH range: up to 20pH, resolution: 0.01 minimum, calibration automatic, up to five point, standard buffer calibration: 3.00, 4.00, 7.00, 9.00, 10.00. Automatic pH temp compensation, mV resolution 0.1 mV with range <math>\pm 2000</math> mV accuracy <math>\pm 0.2</math> mV, glass body electrode with long cable connected. Temp probe stainless steel with long cable. Electrode holder. 100000 point data storage, colour graphic LCD display with screen help. USB connectivity, operating ambient temp 0 to 50 °C. 12V DC adaptor. 220 V 50 Hz. Inclusive of electrode cleaning solution, 3.5M KCl electrolyte. Warranty – At least two years manufacturer warranty.</p>
<p>Circulatory water bath with lid</p>	<p><b>Use: wet incubation required for processing CVS tissue, FDNA extraction, Pre-PCR and restriction enzyme assays</b>                  Temp range: +5 to 100°C <math>\pm</math> 1°C. Heating capacity: 1500W, bath volume: about 30 lts. Cabinet material: epoxy powder coated cold rolled steel high quality. Chamber material: ss304 stainless steel. Display: monochrome LCD. Shaker tray with variable container attachment facility, Shaking speed: variable. Shaking tray, steel Lid and rubber duck inclusive. Power 220V, 50-60 Hz. Longer power cable for convenience. Warranty – At least two years manufacturer warranty.</p>
<p>Computer &amp; monitor, scanner, printer</p>	<p><b>Use: reporting and storage of data pertinent to CVS tissue analysis and PCR works under PC PNDT Act, GoI</b>                  Standard i7 quad core processor, 3.7 or more GHz clock speed, 2 TB or more SATA hard disk, 16GB DDR4 RAM expandable, Intel graphics card-3 GB or more, 6 NO. USB 3.2 gen 2, LAN 1000 Mbit, HDMI 4K video, audio 3 jack, internal 400 watt power unit, with compatible monitor, keyboard and mouse, windows 10 with all loadable softwares. A4 paper Laser B&amp;W printer. A4 paper scanner 600 dpi, high quality. Warranty – At least two years manufacturer warranty on products.</p>



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