



ZILLA SWASTHYA SAMITI, DEOGARH  
(Deptt. of Health & FW, Govt. of Odisha.)



NO. 6711

Dt. 20.12.18

(Tender Call Notice)

Sealed Tenders are invited from manufacturer/Importer/registered firms/dealers/agencies for procurement of Lab equipment & instrument. The tender documents shall have to submit in one envelope containing two separate envelopes, one for technical bid & another for financial bid through speed post/register post/courier only on or before 14.01.2019 by 1.00PM to the office of CDM & PHO, DHH, Deogarh. The quotation will open on the same day at 3.00PM in the presence of bidders or their authorized representative. The tender paper along with terms and conditions will be available in the website [www.deogarh.nic.in](http://www.deogarh.nic.in) & deposit the tender paper cost of Rs 500/- in shape of DD in favour of "ZSS/ Non- NRHM Funds Account, Deogarh Payable at Deogarh", which is not refundable. The authority reserves right to accept or reject any or all the tender without assigning any reason thereof. The envelope containing the tender document must be clearly super scribed as "Tender for procurement of Lab equipment & instrument"

Sd/-

CDM & PHO cum- District Mission Director, Deogarh

20/12/18

**TERMS, CONDITIONS & SPECIFICATION FOR  
SUPPLY OF Lab. EQUIPMENT**

Name of the District / Health Institution: Deogarh  
(HEALTH & F.W. DEPTT., GOVT. OF ORISSA)

**Bid Reference No. -C.D.M. & P.H.O. DEOGARH(6711 / 20 .12.2018)**

**TENDER DOCUMENT  
FOR SUPPLY OF Lab. EQUIPMENT**

Bid document may be downloaded from Web site-www.deogarh.nic.in

LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : Dt. 14.01.2019 Upto 1 P.M

DATE & TIME OF OPENING OF TECHNICAL BID : Dt. 14 .01.2019 at 3 P.M.

DATE OF OPENING OF FINANCIAL BID : Dt. 15.01.2019 at 3 P.M.

PLACE OF OPENING OF BID DOCUMENTS

AND

ADDRESS FOR COMMUNICATION

: O/o CDM & PHO,Deogarh District Head  
Quarter Hospital,At/Po/Dist -  
Deogarh, PIN - 768108

AND

RECEIPT OF BID DOCUMENTS

Tel: 06641-226103

Email id: nhmdeogarh@gmail.com

**OFFICE OF THE CDM & PHO: DEOGARH**

↑  
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## TERMS AND CONDITIONS FOR SUPPLY OF LAB. EQUIPMENTS AND INSTRUMENTS

- 1.1 Sealed tenders will be received upto 1 P.M. of dt. 14.01.2019, in the office of the C.D.M. & P.H.O Deogarh for the procurement of lab. Equipments & instruments. Any tender received after the due date & time will be rejected. **The tenders will be received through Regd. Post / Courier services / Speed Post only.**
- 1.2 The bidder(s) are to submit their tender documents in one envelope containing two separate envelopes, one for technical bid & another for financial bid, which should be super scribed as "Tender for procurement of Lab equipment & instrument" to the O/o CDM&PHO, District Head Quarter Hospital, At/Po/Dist – Deogarh, PIN – 768108 Trough Speed Post / Regd Post/ Courier only" by 14.01.2019, 1.00PM.
- 1.3 The Sealed envelope containing the tender document submitted by the bidders will be opened in the, office of the C.D.M. & P.H.O, Deogarh at 3 P.M on dt. 14.01.2019 under the chairmanship of CDM & PHO, Deogarh and in the presence of the bidders or their authorized representatives.
- 1.4 The C.D.M. & P.H.O Deogarh will be at liberty to terminate the contract either wholly or in part without assigning any reasons thereof. The bidders will not be entitled to any compensation whatsoever for such termination.
- 1.5 The supply should be completed within 10 days from the date of issue of purchase order unless otherwise specified. If no supply is received even after 10 days from the date of issue of the purchase orders from the C.D.M. & P.H.O Deogarh, such orders will stand cancelled automatically without further notice.
- 1.6 In the event of any dispute arising out of the tender, such disputes would be subject to Deogarh jurisdiction.
- 1.7 If the approved supplier fails to execute the supply within the stipulated time, the C.D.M. & P.H.O Deogarh is empowered to purchase the same items from I<sub>2</sub> or I<sub>3</sub> bidder, if they agree with the I<sub>1</sub> rate.
- 1.8 The C.D.M. & P.H.O Deogarh or his authorised representative (s) has the right to inspect the factory of those company who have quoted for the tender, before accepting the rate quoted by them or before releasing any purchase order (s) or at any point of time during the validity period of tender and has also the right to reject the tender or terminate / cancel the orders issued or not to reorder based on the facts brought out during such inspections.
- 1.9 No advance payments towards cost of Lab. equipments will be made to the bidder.
- 1.10 The C.D.M. & P.H.O may allow extension for a maximum period of 2 (two) weeks (14 days), after the stipulated date of supply (i.e. 14 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage".
- 1.11 The successful supplier shall replace any part or whole system as may be necessary in the event of damage during transit or found damaged on arrival or during installation of the system or if found not in conformity to the specifications at his / their own cost.

### ELIGIBILITY CRITERIA

- 2.1 Manufacturing units / Importers/authorized dealer are eligible to participate in the tender provided, they have
  - (i) Valid manufacturing license / Import License/ authorized dealer certificate.
  - (ii) Valid ISO certificate for the items.
  - (iii) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting.
  - (iv) Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure -IV**) that the annual turnover of the tendering firm is more than Rs. 20 (Twenty) lakhs or more in each financial year for last preceding 3 (three) financial years.

**The following documents should be enclosed in Technical Bid by the tenderer. All the photocopies are to be self attested.**

### TECHNICAL BID:

- 3.1 Earnest Money Deposit is Rs.10000.00 (Ten thousand) only should be submitted in shape of Demand Draft.
- 3.2 Copy of Valid Manufacturing License of the tender item of the manufacturer / Import License by the Importer (also to be submitted by the authorized distributor).

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- 3.3 Copy of Valid ISO certificate.
- 3.4 Copy of GST certificate submitted.
- 3.5 Copy of PAN
- 3.6 The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- 3.6 The declaration form in **Annexure - I** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.7 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Orissa (**Annexure - VI**).
- 3.8 Certificate in support of service center in Orissa or undertaking to set up service center in Orissa within one month from the date of installation if approved (for those who have no service centers in Orissa).
- 3.9 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure -IV**) that the annual turnover of the tendering firm is more than Rs. 20 (Twenty) lakhs or more in each financial year for last preceding 3 (three) financial years.
- 3.10 Checklist with detail of the documents enclosed in **technical bid** (as per **Annexure - VII**) with page number. The document should be serially arranged as per this **Annexure - VII** and should be securely tied and bound.

#### **Financial BID**

- 4.0 **Financial Bid will be opened only of the bidders who qualify in Technical Bid as per tender specification.**
- 4.1 The Financial bid in the prescribed form (as per **Annexure - II**), The price of the item should be quoted exclusive of taxes and including of insurance, packing, forwarding, freight (door delivery), installation, warranty but exclusive of CMC. The rate should be quoted both in figures and words. **In case of difference in words and figures, words will be taken into consideration for evaluation.**
- 4.2 **The Shipping address for the Lab. equipments is MO (I/C) PHC(Kantapali,Kandhal,Reamal,Kundeigola,Budhapal,Kansar & Laimura) & the billing address is O/o CDM&PHO, District Head Quarter Hospital, At/Po/Dist - Deogarh, PIN - 768108.**

#### **EARNEST MONEY DEPOSIT**

- 6.1 The Earnest Money Deposit shall be Rs.10,000.00 (Ten thousand) only. The Earnest Money Deposit will be submitted in the shape of demand Draft only in favour of ZSS Non- NRHM Funds Account, Deogarh, from any Nationalized Bank payable at Deogarh.
- 6.2 The EMD of the unsuccessful bidders will be returned back without interest after publication of the approved list and EMD of successful tenderer will be returned after successful delivery of the tendered items.
- 6.3 The EMD will be forfeited if the tenderer withdraws the tender or doesn't accept the approved list or doesn't supply the items within the stipulated time period.
- 6.4 No claims shall be made against the C.D.M. & P.H.O, Deogarh in respect of interest on earnest money deposit or security deposit or any delayed payment or any other deposit.

#### **GUARANTEE / COMPREHENSIVE WARRANTEE:**

(Undertaking as per Annexure - IX & X)

- 8.1 The warranty will remain valid for minimum 2 years from the date of installation of the equipment. The tenderer shall also commit to provide offer for CMC (Labour+ all spare) for the Next three (3) years after two (2) years of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide two (2) preventive maintenance in every six months during the period of CMC. The original copy of warranty documents will be submitted to the consignee and photocopy of that to C.D.M. & P.H.O. Deogarh after installation.
- 8.2 The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No travelling allowances or transportation cost will be paid by the purchaser during the warranty period.
- 8.3 The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials. The Supplier further warrants that all Goods supplied under this contract shall have no defect

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may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

8.4 **CMC:**

The tenderer has to quote for CMC of the equipment for 3 years separately as per the ANNEXURE-II.

8.5 The selected firm will have to arrange for demonstration of the equipment at supply point at their own cost.

8.6 All the warranty certificates must be handed over to the consignee after installation.

**LOGOGRAMS AND LABELLING:**

9.1 Tenderer for the supply of medical equipments shall give an undertaking in his tender that he will print "Govt. of Orissa Supply - Not For Sale" in bold letters in indelible ink on the equipment as per Annexure-I.

**EVALUATION:**

10.1 The rates of the item quoted by the tenderer who qualify technically will be evaluated after taking the following points into consideration: -

- a) Rate of the medical equipments will be taken after inclusion of the all taxes, transportation, insurance, packing, forwarding & comprehensive warranty for two (2) years. Excluding CMC for next three (3) years. ( CMC will be finalized by the authority).
- b) The cost of the medical equipments including all charges i.e. GST, Transportation, Insurance, Packaging & forwarding, Installation & Commissioning, VAT, ET ( excluding CMC) will be added and the lowest responsive bidder will be selected.

*Handwritten signature*

C.D.M. & P.H.O, Deogarh

**DECLARATION FORM**

I / We .....having my / our  
.....office at.....do  
declare that I / We have carefully read all the terms & conditions of tender of the  
\_\_\_\_\_, Orissa for the supply of Lab. Instrument &  
equipments. The approved rate will remain valid for a period of one year from the date  
of approval. I will abide with all the terms & conditions set forth in the tender paper  
Reference no.....

I/We do hereby declare I/We have not been de-recognised / black listed by any  
State Govt. / Union Territory / Govt. of India / Govt. organisation / Govt. Health  
Institutions for supply of Not of Standard Quality (NSQ) items / part-supply / non-  
supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money  
Deposit and blacklist me/us for a period of 5 years if, any information furnished by us  
proved to be false at the time of inspection / verification and not complying with the  
Tender terms & conditions.

I / We further declare that I / We possess valid manufacturing license /  
authorized distributor bearing No. ....Valid upto ..... I / We  
..... do hereby declare that I / we will  
supply the \_\_\_\_\_ as per the terms, conditions & specifications of the  
tender document. I / we further declare that I / we have a service centre / will establish  
a service centre within one month of installation of the equipment in Orissa.

Signature of the bidder :

Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

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**ANNEXURE-II**

**MODEL TENDER FORMAT (PRICE SCHEDULE)**

(1) Sl. No. of the Item	(2) Lab. Equipment (Annex-III-B)	Name of the Company	(3) Price which (Exclusive all taxes), & including customs duty, packing, insurance forwarding, with 2 (two) years onsite warranty. Cost in Rs. (both in words & figures)	(4) CMC if applicable for three years after expiry of two years warranty period (please mention on yearly basis)	(5) Cost transportation If applicable (all accessories for installation & commissioning) (Door delivery & installation)	(6) Taxes (If any)	7=3+4+5+6 Total Cost								
				<table border="1"> <tr> <td>1<sup>st</sup> year:</td> <td></td> </tr> <tr> <td>2<sup>nd</sup> year:</td> <td></td> </tr> <tr> <td>3<sup>rd</sup> year:</td> <td></td> </tr> <tr> <td>Total</td> <td></td> </tr> </table>	1 <sup>st</sup> year:		2 <sup>nd</sup> year:		3 <sup>rd</sup> year:		Total				
1 <sup>st</sup> year:															
2 <sup>nd</sup> year:															
3 <sup>rd</sup> year:															
Total															

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**SCHEDULE OF REQUIREMENTS WITH  
TECHNICAL SPECIFICATIONS FOR Lab.  
EQUIPMENT**

Sl.No	Name of the Item	Size / Specification	Approximate quantity required per Year
1	2	3	4
1	Binocular Microscope	ANNEXURE - III B	7
2	Centrifuge	ANNEXURE - III B	7
3	Micro Pipette	ANNEXURE - III B	7
4	Slide Racks for drying of slides	ANNEXURE - III B	14
5	Spirit Lamp	ANNEXURE - III B	7
6	Reagent Stand	ANNEXURE - III B	14
7	Glass Rods for staining	ANNEXURE - III B	14
8	Neuber Chamber	ANNEXURE - III B	14
9	ESR stand with tube (With Ten tubes)	ANNEXURE - III B	7
10	TCDC count operators	ANNEXURE - III B	7
11	Stopwatch	ANNEXURE - III B	7
12	Glucometer with strips and lancet	ANNEXURE - III B	7
13	Hemoglobinometer (Strip/micro-cuvette)	ANNEXURE - III B	7

**N.B:**

1. Rates should be quoted both in figures & words and if there is any discrepancy, the quoted rates in words will be taken for evaluation.
2. The tenderer has to mention the make / brand, specification, warranty of all the items in turn key.
3. The quantity of requirement may increase or decrease as per the requirement.

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### Technical specifications for Equipment/ Instruments for HWCs

Lab. equipment	
Hemoglobinometer (strip/micro-cuvette)	<p>It should be a point of care instrument to measure hemoglobin. The unit should have LCD screen for instant display of test result.</p> <ul style="list-style-type: none"> <li>• It should be Factory calibrated as per ICSH (International Council for Standardization in Haematology). Needs no further calibration</li> <li>• Self-checking facility should be there between every measurement</li> <li>• Shelf life of the test strip/cuvette should be minimum 90 days from the opening of the packet / box and at least one year from the date of manufacturing.</li> <li>• Measurement Range: 4gm./dL to 20gm./dL</li> <li>• Accuracy should be <math>\geq 96\% CV &lt; 5\%</math></li> <li>• Sample volume; approximately 10 to 15 <math>\mu\text{L}</math> whole blood; capillary or venous blood</li> <li>• Minimum stored result memory :250 results</li> <li>• USB interface facility should be there for transfer of stored results.</li> </ul> <p><b>Soft keys for user operation.</b></p> <p>It should communicate through mini-USB connector with a Computer/ laptop.</p> <p>Battery operated; The battery should support at least 500 tests.</p> <p>Each device should supplied with: 1. Cover (Wash Proof) 2. USB Cable for data transfer 3. Other items required for functioning of the machine. The cost of Device, Strips (50 Nos.) &amp; lancets (55 Nos.) should be quoted separately in price BOQ excel format.</p> <p>Operating condition: Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p><b>Safety &amp; Quality Standard:</b></p> <p>European CE or USFDA Certified. It should be Factory calibrated as per ICSH (International Council for Standardization in Haematology). The manufacturer should be ISO 13485 certified.</p>
Slide drying rack	<p>Acrylic slide rack, inclined, used for draining/drying slides.</p> <p>5 slots accommodate 25 slides.</p>
Micropipette	<ul style="list-style-type: none"> <li>• Should have ergonomic design with light &amp; smooth plunger action</li> <li>• Should have soft feel handle grip having both left &amp; right hand operation</li> <li>• Pipette handle should have thermoplastic elastomeric to prevent</li> </ul>

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	<p>transfer of body heat to pipette volume during continuous usage</p> <ul style="list-style-type: none"> <li>• Fully autoclavable: Entire pipette can be steam autoclaved at temp. Of 121 OC</li> <li>• Should have larger &amp; clear 3 digit display giving smaller increment for wider selection of volume</li> <li>• Volume range should be of 1-10ml with increment of 20 <math>\mu</math>l</li> <li>• Accuracy: 1 to 2%</li> <li>• Should have locking mechanism to prevent accidental volume change during pipetting</li> <li>• Should have one hand eject facility</li> <li>• Should have in house clinical, repair and calibration facility</li> <li>• The tip cone should have leak free operation, smooth and light loading operation with choice of using variety of tips.</li> <li>• Should be compatibles to universal tip types</li> <li>• Should be available with different color codes.</li> <li>• Warranty: 3years.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• Should be USFDA/CE (IVD) approved product</li> <li>• Manufacturers should have ISO 13485 certification for quality standards</li> <li>• Should be applied with individual QC &amp; calibration report according to ISO 8655</li> </ul>
Microscope	<p><b>GMDN name :</b>      <b>Binocular Microscope</b></p> <p><b>A. General Use</b></p> <ul style="list-style-type: none"> <li>• <b>Clinical purpose:</b> Binocular microscope is simply a microscope that lets the viewer use both eyes. The microscope has 2 eye lenses. The development of the double eye piece microscope was adapted to reduce the eyestrain and muscular strain that typically results from traditional microscopes.</li> <li>• <b>Used by clinical department/ward:</b>      Clinical labs</li> </ul> <p><b>B. Technical Characteristics</b></p> <ul style="list-style-type: none"> <li>• <b>Technical characteristics (specific to this type of device)</b> <ul style="list-style-type: none"> <li>▪ Body-Single mould sturdy stand, inclined Binocular body 30°, 360° rotatable head</li> <li>▪ Eyepieces-Highest quality 10X/20mm wide angle anti fungus field eyepiece. One with pointer. Diopter adjustment must be present on both eye pieces.</li> <li>▪ Objectives-Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with semi planner achromatic correction. Objective should be well centred even if their position on turret is changed.</li> </ul> </li> </ul>

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- Optical system-Infinity corrected
- Stage - Double plate rackless horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm double slide holder
- Sub stage-Abbe condenser focusable, continuously variable iris diaphragm
- Illuminator-Built-in LED light source with white light with intensity control and LED life of more than 10,000 Hrs.Colour Temperature minimum: 4000K.
- Finish-A durable textured acid resistant finish.
- Battery backup: minimum 1 Hour
- Nose piece: Backward tilted revolving nose piece suitable to accommodate four objectives with click stop and rubber grip.
- Focussing: Coaxial coarse and fine focussing knob, capable of smooth, fine focussing movement sensitivity; minimum: 300 micron; focussing stop for slide safety
- 12-Objectives: All DIN type

**Plan Achromatic (Anti Fungus)**

- 04xN.A .01 WD 6.50mm
- 10x N.A 0.25 WD 5.6mm
- 40x N.A 0.65 WD .6mm
- 100x (Oil).N.A 1.25 WD .13mm

- **User's interface** : Manual
- **Software and/or standard of communication (where ever required)** : NA

**C. Physical Characteristics**

- **Dimensions (metric)** : NA
- **Weight (lbs, kg)** : NA
- **Capacity**: NA
- **Noise (in dBA)** : NA
- **Heat dissipation**: NA
- **Mobility, portability**: Portable

**D. ENERGY SOURCE :( Electricity)**

- **Power Requirements**: Input voltage- single
- **Battery operated**: Yes with 1hour backup
- **Tolerance (to variations, shutdowns)**: NA
- **Pressure gauge** : NA
- **Operating pressure**: NA
- **Sterilizing pressure**: NA
- **Protection**: Should have over-charging cut-off with visual symbol.
- **Power consumption** : less than 2 Watt

**E. Accessories, Spare Parts, Consumables**

- **Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)** : Should provide with wooden storage box, dust cover, immersion oil.

**F. Environmental and Departmental Consideratons**

- **Atriosphere / Ambiance (air conditioning, humidity, dust ...)**

**Operating condition**: Capable of operating continuously in ambient

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temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.

**Storage condition:** Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."

- **User's care, Cleaning, Disinfection & Sterility issues:**
  - **Disinfection:** Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
  - Sterilization not required."

#### **G. Standards and Safety**

- **Certificates (pre-market, sanitary, ..);** Performance and safety standards (specific to the device type); Local and/or international
  - Should be US FDA/CE (from a Notified body)/BIS approved product.
  - Manufacturer should have ISO 13485 certification for quality standards.
  - Electrical safety conforms to the standards for electrical safety IEC 60601-General requirements (or equivalent BIS Standard)
  - Certified to be compliant with IEC 61010-1, IEC 61010-2-40 for safety.

#### **H. Training and Installation**

- **Pre-installation requirements: nature, values, quality, tolerance**
  - Availability of 5 amp socket;
  - Safety and operation check before handover;
- **Requirements for sign-off :** Certificate of calibration and inspection from the manufacturer
- **Training of staff (medical, paramedical, technicians)**
  - Training of users on operation and basic maintenance;
  - Advanced maintenance tasks required shall be documented

#### **I. Warranty and Maintenance**

- **Warranty:** 3 years
- **Maintenance tasks:** CMC 5 years, 2 PM Visits Annually.

All Breakdown calls to be attended within 24 hrs of registration."

- **Service contract clauses, including prices :** The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;

#### **J. Documentation**

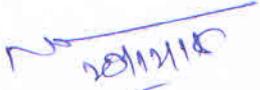
- **Operating manuals, service manuals, other manuals** "Should provide 2 sets(hardcopy and soft-copy) of:-
  - User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;
  - List of equipment and procedures required for local calibration and routine maintenance;
  - Service and operation manuals (original and copy) to be provided;
  - Advanced maintenance tasks documentation;
  - Certificate of calibration and inspection"
- **Other accompanying documents:** List of important spares and

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	<p>accessories, with their part numbers and cost;</p> <p><b>K. Notes</b></p> <ul style="list-style-type: none"> <li>• Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul> <p>Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;"</p> <ul style="list-style-type: none"> <li>• Recommendations or warnings Any warning signs would be adequately displayed</li> </ul>
Neuber Chamber	<p>The counting grid is of 3mmx 3mm in size.</p> <ul style="list-style-type: none"> <li>• The grid should have 9 square subdivisions of width 1mm.</li> <li>• The central square should be split into 25 squares of width 0.2mm (200µm)</li> <li>• The haemocytometer should have two cover slips</li> <li>• The glass cover should be of squared shaped of width 22mm</li> <li>• Material: Thermal and shock resistant glass</li> <li>• The chamber should have two special clamps to avoid the cover glass to avoid edge-lift.</li> </ul> <p>Pipette</p> <p>The pipette should be made of glass of maximum capacity of 20,200 and 2000µl.</p> <p>Dimensions (metric):length-300mm +/-10mm, 2mm thickness.</p> <p>Autoclaving at 121degree centigrade</p> <p>Should be resistance to mechanical, chemical and overheating.</p> <p><b>STANDARDS AND SAFETY:</b></p> <ol style="list-style-type: none"> <li>1. should be ISO 648/IS 117 approved product.</li> <li>2. Manufacturer and Supplier should have ISO13485/ ISO 9001 certification for quality standards.</li> <li>3 Certificate of calibration from the manufacturer</li> <li>4. The product should be USFDA/ CE marked</li> </ol>
ESR Stand with tube	<p><b>ESR Stand with Tubes</b></p> <ul style="list-style-type: none"> <li>➤ Screw type stand with cast iron base and highly nickel plated</li> <li>➤ The base shall have minimum 5tube holder</li> <li>➤ 2nos spare tubes should be provided with the ESR stand.</li> <li>➤ The witrobes tube should be made of <b>Soda-lime Glass/borocilicate glass material.</b></li> <li>➤ <b>Diamension:</b> <ul style="list-style-type: none"> <li>• 110 to 120mm mm Length</li> <li>• 2.9mm to 3 mm inside Diameter</li> <li>• 7.0mm to 8.0mm outer diameter.</li> </ul> </li> <li>➤ The uniformity of the bore shall be <math>\pm 0.1</math> mm throughout the tube.</li> <li>➤ The tube shall be graduated from 0 to 105mm <math>\pm 0.25</math> mm in 1-mm divisions and numbered every 1 cm from the inside bottom of the tube.</li> <li>➤ The tube shall be legibly marked with the manufacturer's or vendor's name or mark and possess a frosted area for marking purposes.</li> </ul>

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	<ul style="list-style-type: none"> <li>➤ Open at both ends; cotton plugged</li> <li>➤ Calibration in yellow/white for easy reading.</li> <li>➤ It should have good chemical resistance towards acids, salt solutions and organic solutions.</li> <li>➤ Can be easily cleaned with distilled water.</li> <li>➤ It should be autoclavable.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>➤ The item should be CE certified with marking</li> <li>➤ Manufacturer should be ISO 13485 Certified</li> </ul>
TC-DC Count apparatus	<p><b>TC-DC Count apparatus:</b>  All metal case housing ,durable ,Chemical resistant easy to clean and disinfect.  Stable and wide base with rubber feet</p> <p>Should be 8-Key model with dual reset mount</p> <p>Should have totalizer window</p> <p>Should have WBC maturation series picto-strip chart just above the key window</p>
Stopwatch	Stopwatch for Laboratory use
Centrifuge machine	<p><b>Centrifuge Table Top- 4tube</b></p> <p>GMDN name :       <b>Centrifuge</b></p> <p>1       USE</p> <p>1.1    Clinical purpose: Used in Biochemical and Analytical labs for Hematocrit, blood Corpusule percentage, Serum Analysis, Precipitate Separation and Blood Group matching.</p> <p>1.2    Used by clinical department/ward: Analytical Laboratories</p> <p><b>TECHNICAL</b></p> <p><b>2       TECHNICAL CHARACTERISTICS</b></p> <p>2.1    Technical characteristics (specific to this type of device)    "</p> <ul style="list-style-type: none"> <li>• Speed: Maximum Range 3000 to 3500RPM</li> <li>• Reciprocating Centrifugal force (RCF): 1500 to 1600</li> <li>• Minimum Capacity: 60ml</li> <li>• Digital Timer range: 0 to 30 minutes with Hold Function</li> <li>• Auto Lid interlock to prevent opening while running centrifuge with emergency lidlock release.</li> <li>• The lid will be only opened once the motor is completely stop.</li> <li>• Digital display of RPM</li> <li>• Stainless steel Chamber easy to clean</li> <li>• Hinges to prevent door falling</li> <li>• Rotor Head Sizes: 4x 15ml. Rotor Head: Angle rotor</li> <li>• Rotors should be autoclavable</li> <li>• The unit should be vibration free."</li> </ul>

  
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- Noise level <60dB.

2.2 User's interface Manual  
 2.3 Software and/or standard of communication (where ever required) NA

3 PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric) NA  
 3.2 Weight (lbs, kg) NA  
 3.3 Capacity 120 ml or above  
 3.4 Noise (in dBA) NA  
 3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism

3.6 Mobility, portability Portable

4 ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2 ....)

4.1 Power Requirements "220-240 V/50Hz

4.2 Battery operated No

4.3 Protection NA

4.4 Power consumption 100 to 200 Watts

5 ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system) Rubber adapter should be provider for the use of vacutainer for 3ml and 5ml

6 ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)

1)Operating condition: Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.

2)Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."

6.2 User's care, Cleaning, Disinfection & Sterility issues

"1)Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.

2) Sterilization not required."

7 STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international "

1. Should be FDA/CE(From a notified body) as per IVD /BIS approved product.

2. Manufacturer and Supplier should have ISO 13485 certification for quality standards.

3. Certified to be compliant with IEC 61010-1,IEC 61010-2-20 for safety. General requirements"

IEC 61010-2-020 "Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-020: Particular requirements for laboratory centrifuges" "

8 TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance

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	<p style="text-align: center;">"</p> <p>1) Availability of 5 amp socket;  2) Safety and operation check before handover;  8.2 Requirements for sign-off Certificate of calibration and inspection from the manufacturer  8.3 Training of staff (medical, paramedical, technicians)  1) Training of users on operation and basic maintenance;  2) Advanced maintenance tasks required shall be documented</p> <p>9 WARRANTY AND MAINTENANCE  9.1 Warranty 3 years  9.2 Maintenance tasks "CMC 5 years 2 PM Visits Annually. All Breakdown calls to be attended within 24 hrs of registration."  9.3 Service contract clauses, including prices The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;</p> <p>10 DOCUMENTATION  10.1 Operating manuals, service manuals, other manuals  "Should provide 2 sets (hardcopy and soft-copy) of:-  1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;  2) List of equipment and procedures required for local calibration and routine maintenance;  3) Service and operation manuals (original and copy) to be provided;  4) Advanced maintenance tasks documentation;  5) Certificate of calibration and inspection"  10.2 Other accompanying documents List of important spares and accessories, with their part numbers and cost;</p> <p>11 NOTES  11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided;  Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;"  11.2 Recommendations or warnings any warning signs would be adequately displayed</p>
<p>Glucometer with strips and lancet</p>	<p style="text-align: center;"><b><u>GLUCO METER</u></b></p> <p><b>Description of Function:</b></p> <p>A glucose meter (or glucometer) is a medical device for determining the approximate concentration of glucose in the whole blood.</p> <p><b>Product Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• Should be USFDA/CE (Notified) of the quoted model</li> <li>• Manufacturer should be ISO certified for quality standards.</li> </ul> <p><b>Technical Specifications</b></p> <ul style="list-style-type: none"> <li>• Small, portable and user friendly device is required. Blood should not go into the glucometer while measurement.</li> </ul>

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- It should be able to measure whole blood in capillary mode.
- Minimum analytical range: 30 – 600 in mg/dl.
- Accuracy should be as per International Standard ISO 15197- Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus.
- Reproducibility/Precision: +/- 5%
- Display should be 43mm± 5 mm measured diagonally.
- It should be battery operated electronic system and the battery life should be for at least 1000 tests.
- Shelf life of strips: Minimum 12 months at the time of delivery to consignee.
- Packing of strips: not more than 50 strips in a pack. Strips should work min. 3 months after opening of strips pack.
- Control solution for checking reliability of strips will be supplied free of cost as & when required.
- Ready availability of reagent test strips, battery & other consumables across Odisha for at least 5 years.
- Machine should be supplied with lancing device of 2nos.
- **Machine should have 4 yrs. of replacement warranty.**

**Equipment Configuration:**

- 1-Glucometer-1no
- 2-Lancing Device-2no
- 3-Standard batteries-1Set
- 4-Carrying case-1
- 5-Instruction manual
- 6-Warranty card

**Consumables:**

1. 115 nos. single use auto-disabled lancets in multi packs.
2. Test strips -100 nos. in two packs
3. Control strip.

Sprit Lamp	For Laboratory use
Glass rods for staining	For Laboratory use
Reagent stand	For Laboratory use

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ANNUAL TURN OVER STATEMENT

The Annual Turnover of the tendering firm M/s \_\_\_\_\_

for the last three years are given below and certified that the statement is true and correct.

<u>Sl.No.</u>	<u>Year</u>	<u>Turnover in Lakhs / Crores (Rs)</u>
1.	2015 - 2016	-
2.	2016 - 2017	-
3.	2017 - 2018	-

Date:

Place:

Signature of Auditor/  
Chartered Accountant  
(Name in Capital)  
Registration No.  
Seal

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### **INSTALLATION AND DEMONSTRATION :**

The installation and demonstration of the equipment shall be done by the Supplier(s) at free of cost at the installation site of the respective institutions.

### **TRAINING :**

Supplier(s) shall impart adequate training at the site / his / their factory / workshop inside / outside India as the case may be at the Supplier(s) cost.

### **DELIVERY OF DOCUMENT :**

Four (4) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

Photocopy of the Insurance Certificate if any (The Original Certificate is to be given to the Consignee).

Attested Photocopy of Manufacturer's / Supplier's warranty certificate. (The original warranty certificate is to be submitted to the consignee at installation point).

### **Packaging :**

The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage. All primary packaging containers which come in contact with the item should strictly protect the quality and integrity of the Instruments & Equipments. Packing case size and weights should be taken into consideration, in case of remoteness of final destination and the absence of heavy handling facilities at all points in transit.

The packaging marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

- i. a packaging note quoting the name of the purchaser
- ii. the number and date of order
- iii. nomenclature of the goods
- iv. schedule of parts for each complete equipment giving part number with reference to assembly.
- v. Name & address of the consignee
- vi. Name & address of the supplier.

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**DETAILS OF THE BIDDERS & LOCAL CONTACT PERSON**

	<b>Corporate Office, (The address in which the purchase orders and payment details will be communicated)</b>	<b>Local Contact Person / Branch Office / Zonal Office / Service Centre if any, in Orissa.</b>
Name & Full Address		
Telephone Nos. landline		
Mobile		
Fax		
E – Mail		
Manufacturing License Nos. & Date		
Name of the issuing authority		

**Signature of the Bidder :  
With seal**

**Date:**

**Official Seal:**

*Handwritten signature and date: 20/12/16*

## CHECK LIST

Please put " "in the respective box

DOCUMENTS : SUBMITTED OR NOT

**COVER – A (TECHNICAL BID) “Use separate check list for each items”.**

1	Cost of Tender Paper	DD No		Date	
2	Earnest Money Deposit in shape of Demand Draft for Instrument & equipments. Rs.10000.00(Ten thousand only)	DD No		Date	
3	Copy of Valid Manufacturing License of the tender item of the manufacturer / Import License by the Importer.	Yes	No	Page No	
4	Copy of Valid ISO certificate.	Yes	No	Page No	
5	Copy of GST certificate	Yes	No	Page No	
6	The declaration form in <b>Annexure - I</b> duly signed by the tenderer before Notary Public / Executive Magistrate.	Yes	No	Page No	
7	Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Orissa ( <b>Annexure - VI</b> ).	Yes	No	Page No	
8	Certificate duly filled by the Auditor / Chartered Accountant (as per <b>Annexure -IV</b> ) that the annual turnover of the tendering firm is Rs.1 (One) crore or more in each financial year for last preceding 3 (three) financial years.	Yes	No	Page No	
9	Certificate in support of service center in Orissa or undertaking to set up service center in Orissa within one month from the date of installation if approved (for those who have no service centers in Orissa).	Yes	No	Page No	

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**MANUFACTURER'S AUTHORISATION FORMAT**

To

The C.D.M. & P.H.O Deogarh,  
Deptt. of Health & Family Welfare  
Govt. of Orissa.

Ref: Tender No. \_\_\_\_\_ Dated \_\_\_\_\_ for \_\_\_\_\_.

Dear Sir,

We \_\_\_\_\_ who are established and reputed  
manufacturer's of \_\_\_\_\_ (name and description of items offered) having  
factories at \_\_\_\_\_ (Address of Factory) do hereby authorize M/s \_\_\_\_\_  
\_\_\_\_\_ (Name and address of Distributor / Agent) to submit a bid and sign the  
contract with you against the above referred tender.

We also extend our full guarantee for the items quoted by M/s \_\_\_\_\_  
\_\_\_\_\_ as per the terms and conditions in your tender  
under reference above.

Yours faithfully,

Name of the Manufacturer  
(Signature with seal)

**Note: This letter of authority should be on the letter head of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included in the bid submitted by the tenderer if the tenderer is not the manufacturer.**

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UNDERTAKING

(to be submitted on Rs.50/- stamp paper)

Tender ref. No. \_\_\_\_\_ Due for opening on \_\_\_\_\_

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we \_\_\_\_\_ hereby  
declare that

1. I / we am / are the manufacturers / authorized agents / distributors of \_\_\_\_\_
2. I / we do accept / agree for the all clauses including the warranty 2 years by 3 years CMC) and payment terms and conditions of this tender.
3. I / we do hereby confirm that the prices / rates quoted are fixed and are at par with the prices quoted by me / us to any other Govt. of India / Govt. of Orissa Hospitals / Medical Institutions. I / we also offer to supply the stores at the prices and rates not exceeding those mentioned in the price bid.
4. I / we agree to abode by my / our offer for a period of 365 days from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.
7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.

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8. The demurrage / storage charges, if any, payable to the customs department, due to non-receipt of required documents in time by the hospital / delay due to incorrect entries, mistakes to the documents etc. shall be borne by me / us.
9. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.
10. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from the indenting hospital / consignee failing which a penalty @ 1% of the cost may be recovered from the performance security before releasing the same to us after 5 years.

Signature of the witness  
Name & address

Signature of the Tenderer  
Name & address

Dated

Seal of the firm.

**N.B:**

1. To be attested by Notary Public
2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.

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