

TENDER DOCUMENT
FOR SUPPLY & INSTALLATION OF
MEDICAL RESEARCH EQUIPMENTS &
FURNITURE FOR MRU

(MULTIDISCIPLINARY RESEARCH UNIT)

TENDER NOTICE NO: 3124/ VIMSAR/MC/2016/Dt.25.06.2016

VEER SURENDRA SAI INSTITUTE OF
MEDICAL SCIENCES & RESEARCH
(VIMSAR)

An Autonomous Institute Under Govt. Of Odisha

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Tender document for MRU INSTRUMENTS AND FURNITURE VIMSAR

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Segment-1

NOTICE INVITING TENDER

TENDER NOTICE NO:3124/ VIMSAR/MC/2016/Dt.25.06.2016

Tenders are invited from eligible bidders for supply & installation of medical research equipments and furniture for MRU.

1	Period of Availability of Tender Document	Dt.01.07.2016 /11am to dt. 21.07.2016 / 5 pm [Downloadable from www.sambalpur.nic.in & www.vimsar.ac.in ; Corrigendum if any to this notice will be published in the website only]
2.	Last date & time for Submission of Tender	Dt. 21.07.2016 till 5 PM [Through Speed Post/Registered post/Courier]
3	Address of Submission of Bid	Dean & Principal, VSS Institute of Medical Sciences & Research, Burla,Sambalpur,Odisha-768017
4	Cost of Tender Paper	Rs. 3,150/- (Rupees three thousand and one hundred fifty only) [as DD payable to Dean & Principal ,VIMSAR]
5	Earnest Money Deposit [as DD payable to 'Dean & Principal, VIMSAR]	a. For instruments- Rs.2,00,000/- b. For-furniture- Rs.50,000/-
4	Date, Time and Place of Opening of Tender	a) Technical Bid (Cover-A) Dt. 22.07.2016 at 1 pm in the office of the Dean & Principal, VIMSAR. b) Financial Bid (Cover -B) Will be intimated in advance to successful technical bidders.



Dean & Principal,
VSS Institute of Medical Sciences & Research



Segment-2

IMPORTANT INSTRUCTIONS

1.	Mode of Procurement	This is a Tender, the rate of which will be valid for a period of one year from the date of finalization of rate contract. However, the approx. quantity requirement is mentioned in the Schedule of Requirement – Segment-4.
2.	Purchaser	Dean & Principal, VSS Institute of Medical Sciences & Research, Burla.
3.	Consignee	Dean & Principal, VSS Institute of Medical Sciences & Research, Burla.
4.	Delivery Period	Within 45 days from issue of the Purchase Order.
5.	Mode of Delivery	By Air / Road / Rail
6.	Guarantee / Warranty / CMC	Comprehensive warranty including all spares, maintenance, etc. for a period 2 (two) years from the date of installation & commissioning and 3 (three) years CMC after warranty period.
7.	Tender Document Cost	Rs. 3,150/- (Including 5% VAT) . The tender document cost is to be submitted in the shape of Demand Draft in favour of the 'Dean & Principal, VIMSAR' from any Nationalized / Scheduled Bank payable at Burla.
8.	Earnest Money Deposit (EMD)	Rs. 2,00,000/- (Rupees two lakhs) only for Medical Research Equipment. Rs. 50,000/- (Rupees fifty thousand) only for Furniture. <i>[The bidder may quote for any or all the equipment by submitting the required EMD for that equipment The Earnest Money Deposit will be paid in the shape of Demand Draft only in favour of the 'Dean & Principal, VIMSAR', from any Nationalized / Scheduled Bank payable at Burla]</i>
9.	Performance Security	The selected firm should submit the performance security in shape of Demand Draft equal to the amount of 10 % of the purchase order value (excluding the tax & CMC cost) of the items within 21 days of issue of the purchase order & the same will be returned back after completion of warranty period.

<p>10.</p>	<p>Pre-qualification (Eligibility Criteria)</p>	<p>A. Manufacturing Units / Importers are eligible to participate in the tender provided, they have</p> <ul style="list-style-type: none"> (i) Import License (In case of Importer only) (ii) Valid ISO certificate. (iii) Product must be ISI /CE / US FDA/IEC etc certified as per Technical Specification (Segment-6) (iv) Tenderer (Manufacturer/Importer) should have proof of supply of 50% of the required quantity (executed directly by manufacturer or through distributor) of the equipment(s) / similar equipments mentioned in the schedule of requirement to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies as per format at Annexure-VII (Item wise) and purchase order copies in support of that in last 3 years. (v) Proof of annual average turnover (Manufacturers/Importer) of Rs. 5 Crore or more in the last three (3) financial years certified by the Chartered Accountant as per the format at Annexure-VI. <p>B. Authorized Distributors on behalf of the manufacturer are eligible to participate in the tender provided:</p> <ul style="list-style-type: none"> I. They should have annual average turnover of Rs. 3 Crores or more in the last three (3) financial years certified by the Chartered Accountant as per the format at Annexure VI. II. In addition to this, the distributor shall also submit the average annual turnover of the manufacturer/importer of the item(s) as mentioned in A (v) & (vi) above. III. They should submit manufacturer's authorization to transact business on behalf of the manufacturer as per the format at Annexure - V. IV. Proof of supply of 50% of the required quantity (executed directly by manufacturer or through distributor) of the equipment(s) /similar equipments mentioned in the schedule of requirement to any Govt. organization /Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in last 3 years as per format at Annexure VII (Item wise) V. The authorized distributor will submit following : <ul style="list-style-type: none"> - Documents in support of the manufacturer along with the tender : - Valid ISO certificate - Valid ISI / CE / US FDA / IEC certificates of the manufacturer as per technical specification <p>C. The Manufacturer or the tenderer if blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization for the quoted item is not eligible to participate in the tender during the period of blacklisting.</p>
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Segment-3

TERMS AND CONDITIONS

1. TWO BID SYSTEM

- 1.1. Sealed tenders will be received till **21.07.2016 up to 5.00 pm** by the office of the Dean & Principal, VSS Institute of Medical Sciences & Research, Burla, Sambalpur-768017, Odisha. Any tender received after the due date & time will be rejected / returned to the sender unopened. **The tenders will be received through Regd. Post / Courier services / Speed Post.**
- 1.2. The bidder(s) are to submit their tenders in **separate** sealed covered envelopes for **technical bid** and **commercial bid** by superscribing **Cover "A" (Technical Bid) & Cover "B" (Price Bid)** and both the sealed covers should be put into a **third Outer Cover**, which should be superscribed as **"Tender for Supply & Installation of Research Medical Equipments & Furniture vide Tender Reference 3124/VIMSAR/MC/2016/Dt.25.06.2016"**
- 1.3. The Sealed tenders "Cover A" (Technical Bid) submitted by the tenderers will be opened at the office of the Dean & Principal, VSS Institute of Medical Sciences & Research, Burla on **Dt. 22.07.2016 at 1 pm**. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders, if they so like.

2. ELIGIBILITY CRITERIA

- 2.1. Manufacturing Units / Importers are eligible to participate in the tender provided, they fulfil the following conditions:
 - i. Import License (In case of Importer only). In case of importers, they have to furnish the authorization from the manufacturer.
 - ii. Valid ISO certificate (of the Manufacturer)
 - iii. Product must be ISI/BIS /CE / US FDA etc. (valid ISI/BIS /CE /US FDA certificate) certified (As per **Segment - 5** - technical specification).
 - iv. Tenderer should have proof of supply of **50% of the required quantity** (executed directly by manufacturer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement mentioned in the schedule of requirement to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in last 3 years. (As per format Annexure VII – Item-wise)
 - v. Proof of annual average turnover (Manufacturers/Importer) of **Rs.5 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

- vi. Proof of compliance with IEC Certificate (As per **Segment - 5** -technical specification) - Medical Electrical Equipment: Particular requirement for Electrical Safety of the equipment.
 - vii. 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. Copies of stay order(s) if any against the blacklisting should be furnished along with the bid.
- 2.2 Authorized Distributors are eligible to participate in the tender provided:
- (i) They submit manufacturer's authorization from original equipment manufacturer (OEM) as per the format at **Annexure - V**.
 - (ii) They should have Proof of Average annual turnover of **Rs. 3 Crores or more** in last three (3) financial years in India (as per Annexure VI)
 - (iii) Proof of supply of **50% of the required quantity** (executed directly by manufacturer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement to any Govt. organization /Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in last 3 years. (Annexure VII-Item wise)
 - (iv) The authorized distributor will submit the following documents in support of the manufacturer along with the tender:
 - a) Valid ISO certificate
 - b) CE / US FDA / IEC certificates of the manufacturer as per technical specification.
- 2.3. The tenderer have to submit the EMD as mentioned in **Clause 8 of Section -II&** the Tender document cost.

3. DOCUMENTS TO BE SUBMITTED WITH TECHNICAL BID :

The following documents should be enclosed in Cover "A" (Technical Bid) by the tenderer.

All the photocopies are to be attested by a Notary Public / Gazetted Officer.

- 3.1 Checklist with detail of the documents enclosed in **Cover "A"** (as per **Annexure - I**) with **page number**. The documents should be **serially arranged** as per this **Annexure - I** and should be securely tied and bound.
- 3.2 List of Item (s) quoted with name of the Make & Model of the item (s) (**Annexure – II**)
- 3.3 Tender document fee of **Rs.3,150/-** in shape of Demand Draft .
- 3.4 Earnest Money Deposit(s) as mentioned in the **Clause 8 of Segment - 2** in shape of Demand Draft). Details of EMD and the name of the equipment quoted should be clearly mentioned.

- 3.5 Details name, address, telephone no., Fax, e-mail of the manufacturer/ authorized distributor / service centre / contract person / office in Odisha **(Annexure - III)**.
- 3.6 The declaration form in **Annexure - IV** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.7 Manufacturer's Authorization Format in **Annexure -V** (In case the bidder is not the manufacturer). Importers are also required to furnish the authorization from the manufacturer.
- 3.8 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure – VI**) that the annual average turnover of the firm is Rs.5Crore or more in the last 3 (three) financial years for bidders who are manufacturer/importer OR annual average turnover of Rs. 3 Crores or more in the last 3 (three) financial years (for bidders who are authorized distributors of the manufacturer)
- 3.9 Performance Statement (**Annexure - VII**) (**Item wise**) during the last three years towards proof of supply of similar equipments to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies. The copy of Purchase orders and certificate from the user should be furnished in support of the information provided in the performance statement (Item wise).
- 3.10 Deviation/No Deviation Statement from Technical Specification& details of technical specification of the product (**Annexure-VIII A & B**).
- 3.11 Leaflet/Technical Brochures of the product/item offered.
- 3.12 Copy of Import License by the Importer (in case of Importer).
- 3.13 Copy of Valid ISO certificate.
- 3.14 Copy of Valid ISI / CE /US FDA certificate (as per Section V - Technical Specification).
- 3.15 Copy of Certificate in support of IEC certificate (as per Section V-Technical Specification).
- 3.16 Copy of the **up to date VAT** clearance certificate.
- 3.17 The Original Tender Booklet with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- 3.18 Certificate in support of service centre in Odisha or undertaking to set up service centre in Odisha within one month from the date of installation if approved (for those who have no service centres in Odisha).

N.B: Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).

4. DOCUMENT TO BE SUBMITTED WITH COVER – B (PRICE BID)

- 4.1. The price to be quoted for medical equipments should be sent in the prescribed price format in a separate sealed cover hereafter called **Cover “B” (Price Bid)**. Cover-B (Price Bid) of those tenderer who qualify in its Technical Bid (Cover – A) and complies to tender specification & are found to eligible as per technical specification and product demonstration will only be opened .
- 4.2. The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure – IX**), must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and warranty for **2 years (1 year for furniture’s)**. The price of CMC for **3 years (for instruments only)**, turnkey job (accessories if any for installation), sales tax / VAT and entry tax charges (if any) should be quoted in a separate column. The rate should be quoted for *each item* both in figures and words. In case of difference in words and figures, words will be taken into consideration for evaluation.
- 4.3. **The Cover “B” of tenderers** who qualifies in their technical bid, will only be opened at the Office of the Dean & Principal, VSS Institute of Medical Sciences & Research, Burla at a date & time which will be intimated to them later on in advance.

5. REJECTION OF TENDER

- 5.1. The tender submitted by the bidder will be rejected, if any of the following documents are wanting / not submitted with the tender:
- (i) Import License (In case of Importer)
 - (ii) Manufacturer’s authorization in case of distributor/importer
 - (iii) Earnest Money Deposit (EMD).
 - (iv) Annual average turnover of the firm is **Rs. 5 Crore** or more in the last 3 (three) financial years / or annual average turnover of **Rs.3 Crores** or more in the last 3 (three) financial years (for bidders who are authorized distributors of the manufacturer) as per Annexure –VI. In case of authorized distributor, they will have to furnish along-with their own turnover the Annual Average

turnover statement as per Annexure–VI from the Manufacture/Importer of the item(s) as mentioned above.

- (v) Valid ISO certificate of Manufacturer
- (vi) Valid ISI / CE / US FDA certificate of the manufacturer as per Section VI – Technical Specification.
- (vii) IEC Certificate of the manufacturer as per as per Section VI – Technical Specification.
- (viii) Proof of supply/ installation of **50% of the required quantity** (executed directly by manufacturer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement to any Govt. Organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user during the last three years.
- (ix) Major deviations from the technical specification of the item(s) as per tender.
- (x) Price bid / quoted rate with signature and seal (Hard Copy).

6. EARNEST MONEY DEPOSIT

- 6.1. The amount of Earnest Money Deposit required is mentioned in the Section-II. The Earnest Money Deposit will be submitted in the shape of **demand Draft only** in favour of the Dean & Principal, VSS Institute of Medical Sciences & Research, Sambalpur-768017 from any Nationalized / Scheduled Bank payable at Burla.
- 6.2. The EMD of the unsuccessful tenderers will be returned back without interest after placement of purchase order to the successful tenderer and EMD of successful tenderer will be returned after submission of performance security(ies).
- 6.3. The EMD will be forfeited if the tenderer withdraws its tender / furnish forged documents which is found during bid evaluation OR doesn't sign the contract / doesn't furnish performance security / doesn't supply the items (in case of successful bidder) within the stipulated time period.

7. PERFORMANCE SECURITY & AGREEMENT

- 7.1. The performance Security should be submitted in shape of Bank Draft/Bank Guarantee from a Nationalised / Scheduled Bank in favour of the Dean & Principal, VSS Institute of Medical Sciences & Research, Burla equal to the amount of 10% of the purchase order value of the item (excluding cost of CMC) within 21 days of issue of the purchase order.

- 7.2. The agreement (**as per Annexure – X**) will be signed between the supplier and the purchaser and will be kept by the purchaser.
- 7.3. The performance Security Money will be returned back to the tenderer without interest after the expiry of the warranty period .
- 7.4. Security money will be forfeited if there is any violation of the tender terms and conditions.

8. TENDER CONDITIONS

- 8.1. The details of the medical equipments with specifications are mentioned in **Segment - 5. The firm must clearly mention their specification, special features, upgraded version (if any), detail technical catalogue of the offered model in their tender.**
- 8.2. Tenders should be typewritten or computerized and every correction in the tender should invariably be attested with signature by the tenderer with date before submission, failing which the tender will be ineligible for further consideration.
- 8.3. Rates inclusive of excise duty / customs duty, packing, forwarding, insurance, transportation charges with 2 years (1 year for furniture) onsite comprehensive warranty and exclusive of Sales Tax/VAT & Entry Tax should ***be quoted for the medical equipments (Item wise) on door delivery basis. The turnkey job (cost of accessories if any required for Installation/Commissioning), 3 year CMC cost & Sales Tax/VAT & Entry Tax should be mentioned in separate columns.*** The rates quoted should be in **Indian Rupees only**. Rates quoted in any other currency will not be accepted.
- 8.4. The purchaser shall be responsible only after delivery and due verification, installation and commissioning of the equipment.
- 8.5. The rate per unit shall not vary with the quantum of order placed for destination point.
- 8.6. If there is difference between figures & words, words will be taken into consideration.
- 8.7. In the event of the date being declared as a holiday by Govt. of Odisha, the due date of sale, submission of bids and opening of bids will be the following working day at the scheduled place & time.
- 8.8. The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government / DGS&D and the Maximum Retail Price (MRP). The purchaser, at his discretion, will in such case, exercise the right of revising the price at any stage so as to confirm to the controlled price or MRP as the case may be.
- 8.9. The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period.

- 8.10 No tenderer shall be allowed at any time on any ground whatsoever to claim revision of or modification in the rate quoted by him. Clerical error /typographical error, etc. committed by the tenderers in the tender forms shall not be considered after opening of tenders. Conditions such as “ **SUBJECT TO AVAILABILITY**” / “**SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED**” etc., will not be considered under any circumstance and the tenders of those who have given such conditions shall be treated as incomplete and for that reason, shall be rejected.
- 8.11 Approved rate with terms, conditions & the quoted price of the tender shall remain valid for a period of 12 months from the date of approval of the rate contract or till issue of next rate contract for these items whichever is earlier.
- 8.12 If the relevant documents / certificates which are required to be furnished along with the tender are written in language other than English, the tendering firm shall furnish English version of such documents / certificates duly attested by a Gazetted Officer / Notary with his seal and signature.
- 8.13 If any information or documents furnished by the tenderer with the tender papers are found to be misleading or incorrect at any stage the tender of the relevant items in the approved list shall be cancelled and steps will be taken to blacklist the said firm for three (3) years.
- 8.14 Rate should be quoted in Indian Currency, both in words and figures against each item as the payments will be made in Indian currencies only (Annexure-IX). The tenderer shall not quote the rate for any item other than the item specified in the list. (**Segment - 4**).
- 8.15 Both Cover-A and Cover-B should have an **index and page number** of all the documents submitted inside that cover.
- 8.16 The Tax will be charged as per the guidelines given by the Finance Dept., Govt. of Odisha from time to time. Either C.S.T or V.A.T (as applicable) will be paid to the supplier. In case of Entry Tax, the supplier has to deposit the original receipt to claim it, if finished goods are brought from outside the State. The Sales Tax & entry tax components should be shown **separately** in the Price Schedule.
- 8.17 The requirement of items may increase or decrease depending on the situation.

9. PACKAGING

- 9.1 All the packaging should be New. 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 any limitation including rough handling during transit, exposure to extreme temperature, salt and precipitation during transit and upon storage.

10.TURNKEY

- 10.1 The electrical power supply point will be provided by the purchaser at the room where the equipment will be installed but the wiring and electrical fittings inside

the room and accessories if any required for installation & commissioning of the equipment from the power supply point to the point of actual installation will be provided by the supplier without any extra cost (apart from the cost mentioned under turnkey in the Price schedule which should include the cost of all such requirement). Networking of all instruments to a One Desktop Computer & Printer to be made by the Suppliers.

11. COMPREHENSIVE WARRANTY & CMC

(Undertaking as per Annexure – XI & XII)

- 11.1 The comprehensive warranty will remain valid for 2 years (1 year for furniture) from the date of installation & commissioning of the equipment. The original copy of warranty documents will be submitted to the purchaser at the time of installation.
- 11.2 The warranty will cover **all the parts of the machine or item and any replacement or repair required** within the warranty period and 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 traveling allowances or transportation cost will be paid by the purchaser during the warranty period.
- 11.3 The Supplier shall warrant 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 shall further warrant that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.
- 11.4 **CMC:** The tenderer shall also commit to provide offer for CMC (only for instruments) for the next three (3) years after two (2) years of warranty.
- 11.5 The selected firm should have a service centre in Odisha.
- 11.6 All the warranty certificates must be handed over to the consignee after installation.

12. OPERATIONAL MANUAL

- 12.1 The firm / supplier will provide hands on training to two doctors and two technicians of the Medical College & Hospital at his own cost for operating / handling the medical equipment(s) at the time of installation of equipment.
- 12.2 The supplier / firm will provide the operation / maintenance manuals of all equipments to the purchaser at the time of installation.

13. UPTIME GUARANTEE

13.1 The Supplier (s) shall provide guarantee 95% uptime during comprehensive warranty period, i.e., for 2 years (1 year for furniture) from the date of installation & commissioning. Any uptime less than the specified period above will be compensated by the Supplier(s) by extending the warranty period. The consignee shall maintain a logbook in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

14. DOWNTIME PENALTY CLAUSE

14.1 During the Guarantee / warranty period, desired uptime of 95% of 365 days will be ensured (24 hour). If downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The supplier must undertake to supply all spares for optimal upkeep of the equipment for **two years (1 year for furniture)** after installation. If accessories / other attachment of the system are procured from the third party, then the supplier must produce cost of the accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the purchaser if required.

In no case equipment should remain in non-working condition for more than 7 (seven) days from the date of complaint, beyond which a penalty will be applicable as per Rule.

14.2 The principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

15. SPARE PARTS

15.1 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 / enclosed along with the sealed quotation.

15.2 The tenderers are required to furnish the list of spares along with their cost in the financial Bid separately which will not be taken for evaluation.

15.3 Local agents / distributors quoting on behalf of the manufacturer / importer must attach the authority letter in their favour.

16. LABELLING

16.1 The equipment supplied must be properly labelled with Sl. No., Model Name, Make & year of Manufacture

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19.ACCEPTANCE OF TENDER AND SUPPLY CONDITIONS

19.1 The Purchaser reserves the right to reject the tenders or to accept the tenders for the supply of the item tendered without assigning any reason thereof.

19.2 The Purchaser will be at liberty to terminate the contract either wholly or in part without assigning any reasons thereof. The tenderers will not be entitled to any compensation whatsoever for such termination.

19.3 The **supply should be completed within 45 days** from the date of issue of purchase order unless otherwise specified. Grace period of up to 30 days extra may be allowed by the consignee under special circumstances only along with Liquidated Damage. If no supply is received even after the period from the date of issue of the purchase orders, such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified in clause no. 21.1 to 21.2. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.

19.4 The tender inviting authority 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.

20. EVALUATION:

20.1 The price bid of the tenders who qualify in the technical bid fulfilling the eligibility criteria and complying to the technical specification shall only be opened.

20.2 The tender inviting authority may ask for demonstration of the equipment by the bidders at the premises of the tender inviting authority as a part of the technical evaluation before opening of price bid in order to verify the compliance to technical specification.

20.3 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 excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive

- warranty for two years (1 year for furniture), cost of turnkey (cost of accessories if any for installation/commissioning) & CMC for next three years (only for instruments).
- b) The cost of the medical equipments (excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two years (1 year for furniture), but excluding VAT & ET), cost of turnkey (cost of accessories if any for Installation & Commissioning with all taxes for turnkeys) & cost of CMC for next three years (only for instruments) after warranty will be added for evaluation.
- c) The circulars issued by the Finance Department, Govt. of Odisha from time to time regarding tax matters shall be taken into account for evaluation and shall be binding on the bidders. As per the Govt. of Odisha Finance Deptt. Order No. 48317(230)/F dt.23.11.2010, in comparing the cost of an article, if purchased from within the State with the price of similar article if purchased from outside the State, the amount of Odisha Sales Tax (OST) now VAT shall be deducted from the total cost since it accrues back as revenue to the State. If after such deduction, the cost of articles to be purchased within the State is not more than the cost of including Central Sales Tax, transport and other charges of similar articles from outside the State, it would be economical to purchase articles within the State.

21. LIQUIDATED DAMAGE :

- 21.1 The purchaser may allow extension for a maximum period of 30days, after the stipulated date of supply (i.e. 45days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) of delay up to a maximum 2% on the value of the goods.
- 21.2 If the supplier fails to complete the supply within the extended period, i.e. 45 & 30 days after being allowed by the purchaser, no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

22. TERMS OF PAYMENT

- 22.1 No advance payments towards cost of medical equipments or turnkey job will be made to the tenderer.
- 22.2 90% of the cost of the equipment (**excluding CMC Cost**) + 100% turnkey job + 100% tax shall be paid to the supplier after 4 weeks of installation & on receipt of the stock entry certificate, installation and demonstration of the item from the consignee. The balance 10% of the payment of equipment will only be made after receipt of certificate on working status of the equipment from the consignee after 12 weeks of installation and commissioning of the equipment for which, the supplier has to raise two bills **(A)** one for 90% of the cost of the equipment +

100% turnkey job + 100% taxes **(B)** the other for balance 10% of the cost of the equipment.

- 22.3 Payments as mentioned above will only be made after keeping the **performance security deposit** from the supplier as per clause no. 7.1, if they have not deposited the same before. Payment will only be made after ensuring signing of the Agreement, undertaking and handing over of warranty papers of equipment and turnkey jobs by the supplier to the purchaser.
- 22.4 No claims shall be made against the purchaser in respect of interest on earnest money deposit or performance security deposit or any delayed payment or any other deposit.
- 22.5 Payments in shape of Draft / Pay Order will preferably be despatched to the supplier by Registered post with A.D or e-payment / on-line transfer or may be handed over to the authorized person of the supplier.
- 22.6 The payment of CMC will be made only after completion of warranty period and signing of the CMC agreement.

23. PENALTIES

- 23.1 If the successful tenderer fails to deposit the required performance security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons or unable to undertake the contract, his contract will be cancelled and the earnest money deposit / performance security deposit shall stand forfeited by the purchaser.
- 23.2 Violating the tender terms and conditions & non supply / supply which is not as per technical specification will disqualify the firm to participate in the tender for a period of 2 (two) years from the date of issue of letter and his E.M.D & performance security deposit will be forfeited and no further purchase order will be placed to that firm for that item.
- 23.3 In the event of any dispute arising out of the tender, such disputes would be subject to the jurisdiction of the Civil Court of Sambalpur District or High Court of Odisha.

24.INSPECTION/TESTING

- 24.1 The selected supplier shall have to arrange for demonstration of the equipment at the supply point. The purchaser or its nominated representative(s) shall inspect and test the equipments at the supply point to check their conformity to the specifications and other details incorporated in the contract.

25. CONDITIONS APPLICABLE TO LOCAL MSEs / SSIs OF ODISHA

The MSE / SSI Units of the State of Odisha will be given the following preferences in the tenders provided they produce the following documents as per MSME Development Policy-2009 and IRP - 2007:

- 25.1 Attested copy of valid manufacturing licence.
- 25.2 P.M.T Certificate from the Director of Industries, Odisha or General Manager District Industries Centre that it is a MSE / SSI Units of the State of Odisha, provided that MSE / SSI units has not been derecognised by the Govt. for that specified period.
- 25.3 Local Micro & Small Scale Enterprises (MSE) and Khadi & Village industrial units including handloom and handicrafts will enjoy a price preference of 10% vis-à-vis over local medium and large industries as well as industries outside the State. Local Micro & Small Scale Enterprises having ISO, ISI Certification for their product shall get an additional price preference of 3% as per provision of IPR-2007.
- 25.4 Local MSEs registered with respective DICs, Khadi, Village, Cottage and Handicraft Industries, OSIC, NSIC shall be exempted from payment of earnest money and shall pay 25% of the prescribed performance security deposit.
- 25.5 Clause number 1 to 22 is also applicable to the Small Scale Industry Units of the State of Odisha.

Segment-5

LIST OF ITEMS

I. List of equipments:

ITEM CODE	LIST OF INSTRUMENT	QTY
101	Gradient PCR Machine	01
102	Submarine Electrophoresis system	01
103	Gel Documentation System	01
104	ELISA Auto Washer	01
105	ELISA reader with Microplate Manager Software	01
106	Automated 5-part Differential Hematology Analyzer	01
107	Biosafety Cabinet	01
108	Laminar Flow Hood	01
109	Automated Electrophoresis	01
110	Table Top Digital Microprocessor Based Incubator	01
111	-20 Degree deep Freezer	01
112	Water purification System(Milipore and Softener)	01
113	Table Top Refrigerated Centrifuge	01
114	Table Top Non-Refrigerated Centrifuge	01
115	Microscope Trinocular	01
116	Analytical Balance	01
117	Micropipettes Variable Volume(All ranges)	01
118	Automated Microtome	01
119	Online UPS System – Power One -5 KVA	02

II. List Of Furniture (Of Godrej Interio Make)

ITEM CODE	LIST OF FURNITURE	QTY
201	Modular Wall Mounting Storage Unit – 600mm	12
202	Modular Wall Mounting Storage Unit – 450mm	12
203	Pedestal Unit with 3 Drawer with Wheels (600 x 635 mm)	24
204	Laboratory Stool (Revolving with Adjustable Height)	20
205	Chemical Storage Unit	06
206	Glass Door Store Well	06
207	Sliding Glass Door Unit	01
208	Working Table (Rounded – 8 Seater)	01
209	Revolving Chair (High Back)	08
210	Computer Table	02
211	Computer Chair	02
212	Office Table – both side drawer	01
213	Filing Cabinet – 4 Drawer	01

Segment-5

TECHNICAL SPECIFICATIONS

Sl. No.	Item Code	Name of Item	Technical Specifications
Medical Instruments			
1.	101	Gradient PCR Machine	<ol style="list-style-type: none">1. Gradient Thermal Cycler with Peltier heating and cooling based system with calculated and block heating.2. Sample capacity: 96 x 0.2 ml PCR tubes3. Option of dual block of 2 x 48 x 0.2ml which can be independently controlled4. Heated lid up to 110 °C5. Temperature range: 0- 100 °C, fast/safe in gradient mode6. Temperature distribution across the block: 20°C to 72°C $\pm 0.6^{\circ}\text{C}$, 95°C $\pm 1.0^{\circ}\text{C}$7. Block homogeneity: 20°C to 72°C $\leq \pm 0.4^{\circ}\text{C}$, 95°C $\leq \pm 0.5^{\circ}\text{C}$8. Temp Regulation accuracy: per well $\pm 0.25^{\circ}\text{C}$ (between 20 to 100°C)9. Maximum sample ramp rate: Block - approx. 3-5°C/s (heating & cooling)10. Gradient capability: 12 column gradient with accuracy of $\pm 5^{\circ}\text{C}$ of the programmed temp11. Thermal gradient span : 1-25 °Cover entire temp control range (0 to 100 °C), Ramp rate detectable during gradient step12. Programs: At least 100, Step-based /text-based, Accessories like external memory card for more number of storage (at least 1000 programme capacity) included with the instrument13. Operation: Key pad operated, scrolling key for toggling14. Display: Microprocessor based interface with broad display High resolution graphical, programme display as graphics (step wise temp and time for each cycle.15. Commands (edit, run, pause, ramp etc onscreen)16. Security features: System error log, pass word

			<p>protection mode</p> <ol style="list-style-type: none"> 17. Minimum Sample volume : 10ul (max: up to 100 uL) 18. Validation and calibration (as per international accredited agencies norms) facility 19. Other specifications if any - Auto restart option in event of Power failures continuing from earlier cycle 20. User friendly design and operation, Minimum work space, Tm calculator, 21. Power supply - 230 V, 50-60 Hz 22. Power consumption - ~500 W/50-60 Hz 23. Seal to protect thermal electric modules 24. Should be licensed 25. System should be both ISO & CE(European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. 26. Guarantee/warranty –5 years followed by 5 years AMC/CMC
2.	102	Submarine Electrophoresis System	<ol style="list-style-type: none"> 1. Electrophoresis chamber 2. A horizontal electrophoresis system made of principal material : Acrylic 3. Inner tank dimension: compatible to the gel tray 4. No. of trays : provision of minimum 7 cm to maximum 15 cm gel tray with safety lid 5. Gel trays must be UV proof and with integrated fluorescent ruler. 6. Gel casting tray with adjustable gel casting module (at least three screw) with a bubble leveler for leak free operations and uniformity. 7. At least 4 combs (both fixed and adjustable height combs) of 1.5 mm thickness and 8 to 20 sample loading with comb holder must be inclusive 8. The electrodes should be color coded. 9. The Lid should be oriented to avoid wrong closing with safety banana Jacks 10. Connecting cord : 1 set (1 black and 1 red) 11. No. of Platinum electrodes : 1 anode and 1 cathode. 12. Electrophoresis power supply compatible to the electrophoresis chamber 13. Shock proof plastic body

			<p>14. Programmable power supply with provision to operate parallel with graphic LED display.</p> <p>15. Output range 10-300 V, 0.5-400 mA, 1-80 W .</p> <p>16. Constant voltage, current or Power with automatic crossover</p> <p>17. Automatic Power up after Power failure,</p> <p>18. Safety features: No-load detection; sudden load change detection</p> <p>19. Customized voltage/time of run and mode facility in the interface of the power pack</p> <p>20. System should be both ISO & CE (European CE) certified to ensure quality .Certificate copies should be enclosed in technical bid.</p> <p>21. Guarantee/warranty –5 years followed by 5 years AMC/CMC</p>
3.	103	Gel Documentation System	<p>1. Imaging system with Automatic Capabilities for user selected or recalled protocols.</p> <p>2. 100% repeatability via recallable protocols</p> <p>3. Pre-calibrated focus for any zoom setting & sample height</p> <p>4. Flat fielding correction applied to image data for every application.</p> <p>5. Versatile system to support wide range of application like in-vivo imaging, Fluorescent dye like cyber green, Western blotting,2-D,1-D, dot blotting, Nucleic acid detection quantitation etc.</p> <p>Darkroom Specifications</p> <p>1. Emission Filters: Fourposition</p> <p>2. interchangeable rack:</p> <p>3. 515nm Longpass, GFP, RFP, Neutral Density</p> <p>4. Additional wavelength filters available</p> <p>5. Controls: Automated, software controlled</p> <p>6. Stage: Precision motorized X, Y, Z</p> <p>7. Travel: X=100mm, Y=100mm, Z=100mm</p> <p>8. Resolution: X=10µm, Y=10µm, Z=1µm</p> <p>9. Position/Focus: Controlled by joystick/software</p> <p>10. Warming Plate: 37°C, user adjustable</p> <p>11. Darkroom Dimensions: 17.5"W x 19.5"D x 41"H (44.5 x 49.5 x 104cm)</p> <p>Multispectral light source</p> <p>1. Light Sources: 150 watt Xenon</p> <p>2. Fiber Optic: Coaxial and epi illumination with</p>

			<p>light heads mounted to the darkroom</p> <ol style="list-style-type: none"> Excitation Filters: Eight position wheel includes filters GFP, RFP (others available) Controls: Via software Dimensions: 8.75H x 7W x 10D in. (22.2 x 17.8 x 25.4cm) <p>Camera:</p> <ol style="list-style-type: none"> Monochrome CCD Bit Depth: 16 bit File Bit Depth: 16 bit Pixel Resolution: 2184 x 1472 Megapixels: 3.2, extendable to 9.6 Cooling Type: 60° C from ambient Peak QE: 88% (quantum efficiency) <p>Soft ware</p> <ol style="list-style-type: none"> Interface: With camera, objectives, darkroom, BioLite Tools: Macros and templates Analysis: Extensive functions including area density measurements, volume measurements and tumor sizing Documentation: Create reports and export data Compliance: Supports 21 CFR Part 11 <ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
4.	104	ELISA Auto Washer	<ol style="list-style-type: none"> Microplate Types - 96and 384well,Low profile and standard height, Solid and filter bottom Onboard Software- Create, edit or run multiple protocols Software (pc control), LHC2 pc software, LHC2 Secure for 21 CFR Part 11 compliance (option), SiLA Compliant driver (option) Separation- Biomagnetic separation, vacuum filtration (optional) Shaking- Programmable up to 60 minutes ,Slow, medium, fast or variable

5. Soaking -Programmable up to 60 minutes
6. Ultrasonic Advantage™ (option), Verify™ clog detection (option)
7. Automation - BioStack and 3rd party automation compatible ,BioSpa 8 Automated Incubator compatible

Washing

1. Manifold Types- 96well washing: 96tube manifold straight dispense tubes 96and 384well washing: 96tube DualAction manifold 20° angled dispense tubes 384well washing (fast): 192tube DualAction manifold 7° angled dispense tubes
2. Volume Range- 25 to 3,000 µL/well, in 1 µL increments
3. Wash Cycles- 1- 250
4. Buffer/reagent selection- Auto switching (internal) for up to 4 buffers (option)
5. Supply Bottle- 4 L or 10 L (optional)
6. Dispense Precision- <3% CV: 300 µL/well (96well washing), <4% CV: 80 µL/well (384well washing)
7. Residual Volume- <2 µL/well (96& 384well plates), 96tube manifold for 96 wells; 192tube for 384 wells
8. Wash Speed- 96wells, 300 µL/well, 3 cycles; <30 seconds 384wells, 100 µL/well, 3 cycles: <80 seconds 384wells, 400 µL/well, 1 cycle: <20 seconds
9. Flow Rates - High flow to low flow, Optimized rates for cell assays
10. Sterilization- Chemical
- 11. Vacuum Filtration- Selectable: Approximate final at 30 seconds :Lowest: 38 mmHg ,Low: 113 mmHg, Medium: 200 mmHg, High: 390 mmHg, Highest: 506 mmHg**

Physical Characteristics

1. Power- 100- 240 Volts AC. 50/60 Hz
2. Dimensions -14" W x 17" D x 10" H , (35.6 x 43.2 x 25.4 cm)
3. Weight- With internal buffer switching 36 lbs (16.5 kg) Without 30 lbs (13.5 kg)

			<ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
5.	105	<p>Monochromator based ELISA Microplate Reader With Manager Software:</p>	<ol style="list-style-type: none"> 1. Detection modes- Absorbance 2. Read methods- Endpoint, kinetic, spectral scanning, well area scanning 3. Microplate types -6 to 384well plates 4. Other labware supported- like Take 3 Micro Volume Plates 5. Temperature control- 4Zone™ incubation to 65 °C with Condensation Control - + 0.2 °C at 37 °C 6. Shaking- Linear, orbital, double orbital 7. Software -Gen5™ Data Analysis Software ,Gen5 Secure for 21 CFR Part 11 compliance (option) 8. Automation- BioStack and 3rd party automation compatible , BioSpa 8 Automated Incubator compatible <p>Absorbance</p> <ol style="list-style-type: none"> 1. Light source- Xenon flash 2. Detector- photodiode 3. Wavelength selection- monochromator 4. Wavelength range- 200 -999 nm, selectable in 1 nm increments 5. Monochromator bandwidth- 2.9 nm 6. Dynamic range- 0- 4.0 OD 7. Resolution -0.0001 OD 8. Path length correction featureshould be available 9. Monochromator wavelength accuracy - + 2 nm 10. Monochromator wavelength repeatability - + 0.2 nm 11. OD accuracy- 0 to 2.0 OD + 1% + 0.010, 2.0 to 2.5 OD + 3% + 0.010, 12. OD linearity -0 to 2.0 OD + 1% + 0.010, 2.0 to 2.5 OD + 3% + 0.010 13. OD repeatability- 0 to 2.0 OD + 1% + 0.005, 2.0 to 2.5 OD + 3% + 0.005 14. Stray light- 0.03% at 230 nm 15. Reading speed (kinetic)- 96 wells sweep read: 8 seconds,384 wells sweep read: 14 seconds

			<p>Physical Characteristics:</p> <ol style="list-style-type: none"> 1. Power- 100 -240 Volts AC. 50/60 Hz 2. Dimensions -With touchscreen: 15.5" D x 12.5" W x 13" H (39.3 x 32 x 33 cm) , Without touchscreen: 15.5" D x 12.5" W x 8" H (39.3 x 32 x 20.3 cm) 3. Weight- With touchscreen: 25 lbs (11.3 kg), Without touchscreen: 20 lbs (9.1 kg) <p>Software specification:</p> <ol style="list-style-type: none"> 1. High-Throughput Analysis and Reporting 2. Running of 12 separate assays on the same plate 3. Optional automatic printing upon completion of measurement 4. Multiple-plate processing with automated data export 5. Custom reporting function that provides one-button screening for predefined assays, such as for TSE Comprehensive Curve-Fit Analyses 6. Linear, quadratic, cubic, Log-Log, Zero-Intercept Linear, Semi-Log, Logit Log, Point to Point or logistic (4-parameter, 5-parameter) fit types 7. Linear or logarithmic automatic axis scaling 8. External standard curves for multiple plates 9. Curve-fit graph overlay for comparison 10. Performance verification parameters include: Accuracy, Precision , Linearity 11. Spectral blocking 12. Complex Kinetic Analyses 13. Choice of number of calculation points for Vmax 14. Simple velocity calculation 15. Negative or positive slope calculation 16. Absorbance limit selection 17. Kinetic correlation coefficient display and calculation for fit (r value) 18. Real-time data acquisition display and ability to zoom in on a well 19. Automatic scaling and real-time monitoring
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6.	106	Automated 5-Part Differential Haematology Analyzer	<ol style="list-style-type: none"> 1. The Instrument should be fully Automated Fluorescence Flow Cytometry based 5-part differential haematology analyzer offering automatic start-up, shut down and sample-analysis. 2. The instrument should incorporate Fluorescence Flow Cytometry employing Semiconductor Laser for WBC Differential channel. 3. The instrument should report minimum 26 PARAMETER including ,WBC,RBC,HBG,HCT,MCV,MCH,MCHC,RDW-SD,RDW-CV,PLT,NEUT %,LYMPH %, MONO %,EOS %,BASO %, NEUT #,LYMPH #, MONO #,EOS#%,BASO#,PDW,MPV,PCT,P-LCR,RESEARCH PARAMETERS- IG % , IG# with THREE HISTOGRAM-WBC,PLT,and ONE SCATTERGRAM. 4. The Instrument should have RBC/PLT channel 5. The instrument should have Cyanide free SLS-Hb/colorimetric method for the hemoglobin measurement. 6. The system throughput should be 60 samples per hour in all analysis mode 7. The instrument should have linearity of 0-440 × 10³ /μl for WBCs & 0-5000 ×10³ /μl for platelets. 8. Instrument should have following precision range: <table border="1" data-bbox="798 1321 1276 1612"> <thead> <tr> <th colspan="3">Precision</th> </tr> <tr> <th><i>Parameter</i></th> <th><i>Range %</i></th> <th><i>CV</i></th> </tr> </thead> <tbody> <tr> <td>WBC</td> <td>10 x 10³ cells/μL</td> <td>< 2.0</td> </tr> <tr> <td>RBC</td> <td>5 x 10⁶ cells/μL</td> <td>< 2.0</td> </tr> <tr> <td>HGB</td> <td>15 g/dL</td> <td>< 1.0</td> </tr> <tr> <td>HCT</td> <td>45%</td> <td>< 2.0</td> </tr> <tr> <td>PLT</td> <td>300 x 10³ cells/μL</td> <td>< 5.0</td> </tr> </tbody> </table> 9. The System should be able to report FLAGS with positive /Negative as a bar Chart(providing a quantitative measure of degree of abnormality) for clinically abnormal condition namely <ol style="list-style-type: none"> a) Presence of Blast cells b) Immature Granulocytes c) Sample Turbidity affecting HGB d) Presence of PLT clumps e) NRBC 	Precision			<i>Parameter</i>	<i>Range %</i>	<i>CV</i>	WBC	10 x 10 ³ cells/μL	< 2.0	RBC	5 x 10 ⁶ cells/μL	< 2.0	HGB	15 g/dL	< 1.0	HCT	45%	< 2.0	PLT	300 x 10 ³ cells/μL	< 5.0
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PLT	300 x 10 ³ cells/μL	< 5.0																						

			<p>f) Parasitic RBCs(PRBC/Malaria Flagging)</p> <p>Actual instruments reports with above flagging condition should be submitted in technical bid for verification.</p> <p>10. The Sample volume for complete differential count in Whole Blood Mode should not exceed 20 µl</p> <p>11. The instrument should have random access discrete analysis modes for CBC,CBC + DIFFERENTIAL.</p> <p>12. The System should print report on Laser/Color printer choice.</p> <p>13. The System should have COMPREHENSIVE INFORMATION PROCESSING SYSTEM with :</p> <ul style="list-style-type: none"> a) User Friendly windows XP based software b) Network integration possible with lab information system c) 10000 sample data with histogram and scattergram storage d) 500 patient information storage e) 21QC files each with 300 points for QC can be stored f) 1000 test order information in memory <p>14. To ensure economy as well as effective reagent inventory management the number of reagent types “ That are required to be connected with the system” for operation should not exceed 4 types preferably(excluding caliberators,controls and other ancilliary reagent that are not required during each sample analysis</p> <p>15. Manufacturer of the instrument should have local office/representative employee in india (Details of manufacturer office in India/representative employee in India should be provided)</p> <p>16. The company supplying the instrument should have installed at least 1000 automated 5-parts differential analyzer across India of same model/make in India and at least 50 of same model/make preferably in our state (list of installation along with installation reports/order copies should be provided)</p> <p>17. The company supplying the instrument should have a good track record in government / defense institutions and excellent service and distributor network across our state(List of Government/defense installation along with details of local office in state,local distributors and local engineering support staff in state should be provided).</p>
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			<ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
7.	107	Bio-safety Cabinet	<ol style="list-style-type: none"> 1. The biological safety cabinet should be of class 2. 2. The biological safety cabinet must utilize DC motor technology to ensure lower levels of energy consumption and heat emission. 3. The motor must automatically adjust the airflow speed without the use of a damper to ensure continuous safe working conditions, even without maintenance adjustments. 4. The usable work area of the cabinet Approx. 1200x780 x495 mm. 5. The air flow direction as in vertical laminar flow and air intake across front opening. 6. The UV light must be programmable to shut off automatically. The settings must allow the user to program the timer in 30 min- one hour increments, from 0 to 24 hours. 7. All filters and components of the plenum and blower motor assembly must be accessible front to front to allow for easier servicing and maintenance of the cabinet over its lifetime. 8. The overall cabinet height must be lower than 2200 mm to ensure proper airflow clearances for long-term cabinet reliability. 9. The front window sash must be angled 10° to help minimize glare on the window to the user, and to ensure that the user’s posture is comfortable during a working session. Inadequate user ergonomics in a safety cabinet may lead to unsafe working habits and harmful consequences to user safety or product contamination. 10. The cabinet noise level must be less than 55 dB(A) for a 1.2 m cabinet as measured in a sound proof room. Lower noise levels promote more comfortable and safer working habits of the user.

			<p>11. The microprocessor controller must be located on a slanted front panel so it is easy to see from a seated working position in front of the cabinet.</p> <p>12. The microprocessor must display the inflow and down flow air velocities in real-time on an LED display to ensure the user knows whether or not the cabinet is working under safe operating conditions.</p> <p>13. The microprocessor must display the number of hours of use on the HEPA filters to ensure user knows when to replace the HEPA filters to achieve safe working conditions.</p> <p>14. The interior of the front window must be accessible for cleaning without requiring the user to manually hold the window.</p> <p>15. All interior and exterior parts must be smoothed during the manufacturing process to ensure no risk of cuts to users or maintenance personnel.</p> <p>16. The drain pan beneath the work surface must be negatively pressurized to ensure that any contaminants are quickly trapped and pushed into the HEPA filters.</p> <p>17. The exhaust air from the cabinet should be filtered by HEPA filters. It should provide personnel, environment and product protection</p> <p>18. This cabinet may be SAFE with minute quantities of toxic chemicals and trace amounts of radionuclides required as an adjunct to microbiological studies if work is done in the directly exhausted portion of the cabinet, AND the chemicals or radionuclides not interfering with the work when recirculated in the downflow air.</p> <p>19. Complete with run on timer, exhaust fan, anti-blow back damper, control panel , solenoid valve, micro burner, standard exhaust ducting, support stand, service valve and access port.</p> <p>20. System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid.</p> <p>21. Guarantee/warranty – 5 years followed by 5</p>
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			years AMC/CMC
8.	108	Laminar Flow Hood	<ol style="list-style-type: none"> 1. Vertical Laminar air flow with particle retention above 0.5 micron 2. Overall Dimension:-inches(mm) <ol style="list-style-type: none"> a. Width - 30(762) b. Depth- 22(559) c. Height- 44(1118) 3. Vertical Airflow 4. Fluorescent Lighting 5. Clear Acrylic Side Walls 6. Clear Polycarbonate Viewing Window 7. Hinged View Screen w/AutoLift 8. Two Service Ports 9. HEPA Filtered Airflow 10. Fiberglass Pre-filters 11. 90 FPM (.46 m/s) Down Flow Air Velocity 12. 99.99% HEPA 13. 8.5" Access Opening 14. Stainless Steel Work Surface 15. Pressure Gauge to Indicates Filter Load 16. Ultraviolet (Germicidal) Lamp 17. FlowGard Pressure Monitor 18. Base Support Stand 19. Front Closure Panel <ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
9.	109	Automated Electrophoresis System:	<ol style="list-style-type: none"> 1. Automated protein and nucleic acid electrophoresis 2. Integration of separation, detection, and data analysis within a single platform 3. Protein analysis — quantitation and size determination (sizing) of protein samples 4. RNA analysis — evaluation of RNA integrity and concentration. The system automatically should generate the RNA quality indicator (RQI) ,visual electropherogram data, ribosomal RNA ratios, and concentration data 5. DNA analysis — quantitation and sizing of

restriction digests, amplified DNA, microsatellites, and amplified fragment length polymorphisms (AFLPs).

6. Electrophoresis station must have all the electrical, optical, and hardware components necessary to perform the separation, staining, destaining, detection, and imaging of samples in a single step.
7. Priming station with microfluidic chip
8. Integrated analysis kit and reagent
9. software is required to controls and operate the electrophoresis station and the data analysis tools needed to assess the results.
10. Instrument with sample application and run on precast gels,
11. Inclusive of auto staining and de-staining,
12. inclusive of gel drying and scanning components
13. Unique sample applicators
14. On-board peltier ensures accurate and reproducible temperature control of incubation of anti sera and reagents.
15. High voltage capacity for IEF
16. Precast gel block with Semi liquid gel system
17. Extensive range of optimised gels
18. Gel product range: Serum Protein, Serum Protein-Split Beta, Immunofixation, Urine Protein Analysis, Urine SDS, Alkaline Phosphatase, Alkaline Haemoglobin, Acid Haemoglobin, Hb IEF, Cholesterol Profile, HDL Cholesterol, Lipoproteins, CK/LD, Isoenzymes, IgG IEF, Transferrin, Pentavalent
19. High throughput
20. Provision for more than one type of sample in one gel
21. Higher resolution
22. Low per-sample cost

Software

1. **Software should be compatible with window PC/Laptop**
2. software is required to controls and operate the electrophoresis station and the data analysis tools needed to assess the results.
3. Single screen interface

			<ol style="list-style-type: none"> 4. Color density scanning facility for the gel 5. Customized information/data input facility for samples 6. Raw data storage 7. Large data storage facility 8. LIMS facility 9. Automatic data flagging for comparison 10. 2 dimensional overlay for curve data editing 11. Standard software based quality control facility 12. Report format with all customized data <ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
10.	110	TableTop Digital Microprocessor Based Incubator	<ol style="list-style-type: none"> 1. Chamber volume - 6.0 - 12.0 cu. ft. 2. Temperature range - 4 – 100 °C smooth adjustable knob with 1 degree increment 3. Temperature uniformity @37°/56°C/90°C - ±0.25°C/±0.6°C/±0.9°C 4. Temperature accuracy - ±0.2°C – 0.1°C 5. Temperature display - Yes 6. Removable steel rack (at least three) - Yes 7. Microprocessor based interface - temp control 8. Power - 220 VAC/50-60 Hz 9. Accessories (inclusive) - Power stabilizer 220VAc 10. System should be both ISO & CE (European CE) certified to ensure quality .Certificate copies should be enclosed in technical bid. 11. Guarantee/warranty –5 years followed by 5 years AMC/CMC
11.	111	[-20] Degree Deep Freezer	<ol style="list-style-type: none"> 1. Use: Storage of DNA/RNA/reagents/chemicals/enzymes 2. Model - Up right frost free 3. temp range : -15 to -25 temp range in 1 deg increment 4. compressor type - Low db ~1 HP Hermetic Rotary Compressor 5. capacity - 250 and 375 lt (6.5 and 13.2 cu ft) 6. shelves or drawers and/or buckets - With at least 5 shelves /buckets 7. refrigerant used (as per the ISO guideline) - Non CFC refrigerant

			<ol style="list-style-type: none"> 8. Insulation used - polyurethane foam 9. Rear wheel should be there. 10. High Temp. alarm 11. Should be tropicalised above 43 degree 12. Display parameters - Microprocessor based digital LED display with temp setting 13. Defrost - Auto with alarm 14. Alarm - power fail/high/low volt 15. Door lock facility - Yes 16. Memory - For seven days temp data/temp chart with the display <p>Maintenance free storage</p> <ul style="list-style-type: none"> ➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. ➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC
12.	112	Water Purification System	<ol style="list-style-type: none"> 1. Two stage water purification for system. 2. Should have Electro Deionisation with automatic deionization 3. Constant quality & continuous performance 4. Pump with low noise EDI Technology 5. Provision to prevent back flow on Reverse Osmosis 6. Recirculation Loop 7. Automatic rinse and flush with automatic Sanitisation 8. Provision of conductivity and resistivity meters, 9. Measurement of inlet pressure, pressure on RO cartridge, water level in tank, EDI Module, flush/rinsing /standby /operate mode with auto test of all measurements 10. Alarm at low pressure, quality below set point, exchange pack 11. Wall mounting / table top mounting facility 12. Data port connection-Ethernet (RJ45)/ RS232 Connection (GLP printout function) or Q-POD parallel port 25 pin D-Sub for Q-POD dispenser. 13. Provision for softener included (if required) 14. Pretreatment with activated carbon with 3 micron prefilter and anti scaling compound 15. Provision for 50 Lt Tank with stop cock or tap 16. Outlet resistivity of 18.2 MΩ.cm@25 °C

			<p>17. TOC without UV: < 10 ppb, TOC with UV: < 5 ppb</p> <p>18. Less than 2 Particulates/mm with size > 0.22 µm</p> <p>19. Less than 2 cfu/mL microorganisms</p> <p>20. Very low level of Endotoxin(<0.001EU/ml)</p> <p>21. Very low level RNase (< 1pg/mL),DNase (< 5pg/mL)</p> <p>22. Flow rate: at least 1 L/min</p> <p>23. Instrument supported by Software, Memory of actions and quality kept in memory for 1 year</p> <p>24. Option of Validation services</p> <p>25. System should be both ISO & CE (European CE) certified to ensure quality .Certificate copies should be enclosed in technical bid.</p> <p>26. Guarantee/warranty –5 years followed by 5 years AMC/CMC</p>
13.	113	Tabletop Refrigerated Centrifuge	<ol style="list-style-type: none"> 1. Microprocessor based table top refrigerated centrifuge with balanced base 2. Capacity: 48 x 1.5/2.0 mL, 6 x 50 mL, 2 x MTP 3. Speed up to 30,130 x g (17,500 rpm) 4. Compact footprint (W x D: 13 x 16 in/15 x 25 in) 5. Soft-touch closure for ergonomic operation 6. Menu-driven, multi lingual operation menu (English, 7. German, French, Spanish) with large backlit display 8. Save 50 user-defined programs—5 program keysfor easy access to routine programs 9. Available as a rotary knob version for fast parametersselection, or keypad version for easy cleaning 10. At least 9 braking and accelerating ramps for sensitive samples 11. Short spin key with selectable rotational speed 12. Temperature range from –4 °C to 40 °C 13. FastTemp program for fast pre-cooling and maximum 14. temperature accuracy inside the rotor 15. ECO shut-off programmed to engage after 1, 2, 4 or 8 16. hours of nonuse for up to 84 % energy savings and extendedcompressor life 17. RCF, RPM and RC values customized setting and must be changeable during run

			<p>18. Timer run start/stop after attainment of set temp and changeable</p> <p>19. Automatic rotor & imbalance detector</p> <p>20. Refrigeration stand-by mode must be featured</p> <p>21. Display Large alpha numeric display, rotational/functional details for installed rotors displayed</p> <p>22. Fast temp change with Condensation drain facility</p> <p>23. Should attain the set temp quickly, pre-cooling function.</p> <p>24. Rotor heads (all three types must be inclusive with the instrument)</p> <ul style="list-style-type: none"> • Swing type head for bucket & adaptor for 15 ml tubes (for at least 9x4 places 13 ml and 15 ml tubes) • Fixed angle type head for microtitre plate buckets (for 1x4 MT plates) • Fixed angle type head for at least 30 places for 1.5/2.0 centrifuge tubes with adapter for 0.2/0.5 ml PCR tubes <p>25. All rotors should be aerosol tight with lid latch motorized, non-openable during operation</p> <p>26. Memory and programme: At least 100 Selectable program memory which can be stored</p> <p>27. Power: 220VAC/50-60 Hz</p> <p>➤ System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid.</p> <p>➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC</p>
14.	114	Tabletop Non Refrigerated Centrifuge	<p>1. Microprocessor controlled table top non-refrigerated:</p> <p>2. Capacity: 12 x 1.5/2.0 mL, 2 x PCR strip</p> <p>3. Speed up to 12,100/14,100 x g (13,400/14,500 rpm)</p> <p>4. Digital display for reproducible setting of timeand speed</p> <p>5. Rotor, inner centrifuge lid and lid latch compliance to IEC 1010-2-020 safety regulations</p> <p>6. Soft-touch lid closure for ergonomic lid</p>

			<p>lockingLid opens automatically at the end of the run to prevent sample warming and to allow easy access to samples</p> <ol style="list-style-type: none"> 7. Automatic rpm/rcf conversion 8. Programmable speed, rcf, time, acceleration and deceleration 9. Max timer range: 9 h, 99 min + continuous 10. Direct , brushless induction maintenance free drive system. 11. Imbalance Detection System 12. Auto Lock rotor system 13. Dual timing mode for at start and at speed. 14. Dual temperature mode for Chamber temperature and Sample temperature. 15. Enhanced security with password protection of programs and lid openings. 16. It should have an option for automatic lid opening at the end of the run. 17. Minimum of 5 direct recall program keys and capability for up to 99 programs 18. Angle rotors: Carbon Fiber material . 19. The buckets and rotors sealing lids of swing out rotor must be certified. 20. Power : Suitable for 230V \pm 1%, single phase , AC , 50 Hz operation. 21. Provision of : <ol style="list-style-type: none"> a) bucket rotor for 13/15 mL tubes b) rotor head for 1.5/2 ml mct/adaptor for small tubes c) 4 x 400 ml swing out rotor with for 15 ml & 50 ml conical tube <ul style="list-style-type: none"> • System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. • Guarantee/warranty – 5 years followed by 5 years AMC/CMC
15.	115	Microscope Trinocular:	<ol style="list-style-type: none"> 1. Magnification: 40x-1000x for observation. 2. Optical system: infinity optical system. 3. Eyepiece tube: three-way trinocular tube, should be inclined At 25 degree angle with f.o.v. 22mm. Should be anti-fungus type. Light path should be 100:0, 0:100, 20:80. 4. eyepiece lens: 10x (2pcs) with both side diopter

			<p>adjustment F.O.V 22 mm or better</p> <p>5. Objective : High Na. & Long Working Distance Plan Achromat Objectives</p> <table border="0"> <thead> <tr> <th>Objective</th> <th>N.A.</th> <th>W.D</th> </tr> </thead> <tbody> <tr> <td>Plan Achro 4x</td> <td>0.10mm</td> <td>30.0mm</td> </tr> <tr> <td>Plan Achro 10x</td> <td>0.25mm</td> <td>10.5mm</td> </tr> <tr> <td>Plan Achro 40x</td> <td>0.65mm</td> <td>0.56mm Spring loaded</td> </tr> </tbody> </table> <p>6. Plan Achro100x Oil 1.25mm 0.20mm Spring-Loaded</p> <p>7. Nose Piece: Sextuple Nosepiece. To Accomodate More Objectives</p> <p>8. Coarse / Fine Focusing: Fine 0.1mm Per Rotation/Coarse 9.33 Mm/Per Rotation. Coarse Motion Torque Adjustable</p> <p>9. Stage: hard ceramic coated surface, Stay in position stage handle, stage handle height & tension should be adjustable. Rectangular stage, 78mm x 54mm cross travel range using low positioned coaxial x and y motion control on righthand side with capacity to hold two slide glass at a time. Stage Height Should Be Lockable With Refocussing Knob</p> <p>10. Condenser : Abbe Condenser Na 0.9 For Bright Field Observation.</p> <p>11. Illumination: High luminiscent white LED Illuminator with lamp-life of at-Least 60,000 Hrs.</p> <p>12. Control: Option for direct capturing of image from microscope without leaving microscope.</p> <p>13. Digital Camera: 5 million pixels resolution with 2/3" high density CCD chip, networking facility, direct printout by fire wire connection, sensitivity equivalent to iso 64, gain 1-46x, binning modes 2x2, 4x4, exposure control 130/1000 - 60 sec, dynamic range more than 60 db (1000:1),software for image acquisition, frame rate 4.4fps-37fps (roi). With adaptor and c-mount needed.</p> <p>14. Optional:Software for Documentation Software, Measurement Acquisition, Avi Live-Stream (Video Recording) Capture, Live Image Capture, Calibration, Measurement, Count, Length, Area, Angle, Circle And Ellipse, Time-Lapse Etc.</p> <p>➤ System should be both ISO & CE (European CE)</p>	Objective	N.A.	W.D	Plan Achro 4x	0.10mm	30.0mm	Plan Achro 10x	0.25mm	10.5mm	Plan Achro 40x	0.65mm	0.56mm Spring loaded
Objective	N.A.	W.D													
Plan Achro 4x	0.10mm	30.0mm													
Plan Achro 10x	0.25mm	10.5mm													
Plan Achro 40x	0.65mm	0.56mm Spring loaded													

			<p>certified to ensure quality. Certificate copies should be enclosed in technical bid.</p> <p>➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC</p>
16.	116	Analytical Balance	<ol style="list-style-type: none"> 1. Weighing Capacity : up to ~ 220gms 2. Min. Weighing value : 0.01mg 3. Linearity: +0.0002 gm 4. Repeatability/std. Dev: 0.0001 gm 5. Stabilization time: less than 5 seconds (typically) 6. Pan size: more than 80 mm 7. Taring button 8. At least three different units of weight measurement must be provided 9. Auto calibration facility, three way access facility 10. LPT/USB printer attachment facility <p>➤ System should be both ISO & CE (European CE) certified to ensure quality. Certificate copies should be enclosed in technical bid.</p> <p>➤ Guarantee/warranty – 5 years followed by 5 years AMC/CMC</p>
17.	117	Micropipettes Variable Volume (All Ranges)	<ol style="list-style-type: none"> 1. Chemical resistant 2. Universal tip compatible (all ranges) 3. Easy aspiration and dispensing 4. Metallic/certified fiber plunger must be organic solvents resistant 5. Longer second push stroke 6. PTFE air tight chamber 7. Low systematic and random error 8. spring made of anti-corrosive material 9. autoclavable/UV resistant 10. easy locking of the plunger 11. measurement range (increments) – <ol style="list-style-type: none"> I. 0.1– 2.0 (0.002) UT II. 0.5 – 10.0 (0.01) UT III. 2.0 – 20.0 (0.02) UT IV. 10 – 100 (0.1) UT V. 20 – 200 (1.0) UT VI. 200 – 1000 (10.0) UT <p>* UT: universal tip compatible</p> <ul style="list-style-type: none"> • System should be both ISO & CE (European CE) certified to ensure quality. Certificate copies should be enclosed in technical bid. • Guarantee/warranty – One year service warranty three year calibration followed by 5 years AMC.

18.	118	Automated Microtome:	<ol style="list-style-type: none"> 1. Fully automated sectioning of both paraffin and resin embedded specimens 2. Two-in-one design 3. Motorized & manual sectioning 4. Consistent sectioning speed 5. Large 70 mm vertical stroke 6. Super mega Cassette sectioning 7. Safer specimen changing 8. Precision orientation system, 8 degree X/Y precision for orientation of already cut specimen (recuts) 9. Unencumbered work area, fewer clamping lever 10. Lateral knife folder adjustment 11. Operational cooling tray with unique cooling blocks 12. Knife holder E accepts either high or low propyl disposable blades <ul style="list-style-type: none"> • System should be both ISO & CE (European CE) certified to ensure quality.Certificate copies should be enclosed in technical bid. • Guarantee/warranty – 5 years followed by 5 years AMC/CMC
19.	119	On-line U P S System	<p>On line UPS suitable for three Phase AC input and single Phase AC output</p> <p>Rating of UPS: 6.0 KVA, Indicative Back up time 30 mins + Battery , 6.0kva x 2, with Batteries Rack, Connectors & 3yrs + AMC/CMC next 5 years.</p>
Furniture			
20	201	CHEMICAL STORAGE UNIT	<p>Material used is 1.2 mm or 1 mm steel of grade SS-304. It is fitted with a float glass to enable visibility inside the cabinet. It also has louvers/perforations for air supply and has a tray placed at the bottom for collecting the spillage. The overall dimensions are 1000 x 486 x 1800 mm (W x D x H). - It is used for storages of corrosive chemicals and is provided with a ventilation system to enable exhaust of localized fumes emanating from the chemicals stored</p>
21	202	STORE UP 600 mm	<p>Dimension 600W x 308D x 785H, KD construction made up of .6 mm thick CRCA as per IS - 513.Horizontal stiffner is made of 1.2 thick mm as per IS-513.Doors are made up of 18 mm thick interior grade pre laminated particle board as per IS 12823.Doors edges are sealed with 2 mm thick PVC edge bending.10 lever cam lock with lock liver at the bottom of the rod.UDL is 25 kg.finishing is done with EPOXY POWDER COATED to the thickness of 50 microns</p>

22	203	STORE UP 450 mm	Dimension 450W x 308D x 785H, KD construction made up of .6 mm thick CRCA as per IS - 513. Horizontal stiffener is made of 1.2 thick mm as per IS-513. Doors are made up of 18 mm thick interior grade pre laminated particle board as per IS 12823. Doors edges are sealed with 2 mm thick PVC edge bending. 10 lever cam lock with lock liver at the bottom of the rod. UDL is 25 kg. finishing is done with EPOXY POWDER COATED to the thickness of 50 microns
23	204	PEDESTAL	3 Drawer pedestal with height 635 mm x width 600 mm. Material: Welded construction, 0.7mm thk PRCA* for shelf, 0.8mm thk CRCA* for back, 0.8mm thk high yield strength CRCA** for door, 0.9mm thk CRCA* for aft other components. * CRCA 'D' as per 15:513 ** CRCA 'D' grade high yield strength material as per 15:513. Its anti corrosive in nature
24	205	GLASS DOOR STOREWEL	Product Size : 916mm(W) x 486mm(D) x 1980mm(H). Construction & Material: Welded construction, 0.7mm thk PRCA* for shelf, 0.8mm thk CRCA* for back, 0.8mm thk high yield strength CRCA** for door, 0.9mm thk CRCA* for aft other components. * CRCA 'D' as per 15:513 ** CRCA 'D' grade high yield strength material as per 15:513. Locking & handle: Brass handle, Two way looking mechanism with shooting bolt. Shelving: Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity per each full shelf is 40 Kg maximum 4Nos. of adjustable full Shelf. Leveler: MIO screw type leveler with hex plastic base. Finish: Epoxy Powder coated to the thickness of 50 microns (+-IO).
25	206	VSDU-8	Size: 900 mm (W) x 450 mm (D) x 1830 mm (H) Rigid knock down construction, back & sides and door are made from 0.7mm high yield strength CRCA, rest in 0.8 mm CRCA. Sliding door with top hanging arrangement to prevent derailment. Each door provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise and also have glass door for visibility of content. It has 4 no of adjustable full shelves. A4 size box file (85W x 345H x 285D) can be stored vertically on four shelves and clear space above fifth shelf is 220mm.
26	207	TALK TABLE 8 SEATER	25 mm Thick (± 1 mm); Base material – 25 mm Plain particle board Post laminated work surface with 0.6 mm laminate on Top and 0.6 mm laminate on bottom 2 mm Thk PVC edge banding on straight edges. Squeeze Leg Assembly - Nickel chrome plated Squeeze Leg made from Dia50.8 x 1.6mm Thk MS ERW tube. Leg assembled together with a plastic glide at bottom and a powder coated Leg connector made from Aluminum (Pressure Die cast) Alloy at top.

			Laminate Modesty – 18 mm Thick (± 1 mm), Base material 16 mm Plain particle board Post laminated with 0.6 mm Top laminate on either side 2 mm Thk PVC edge banding of matching colour on outer edges of modesty. Work surface and Modesty are assembled together with Powder coated Modesty bracket made from 2 mm thick MS sheet
27	208	REVOLVING HIGH BACK CHAIR BRAVO	The seat and back are made up of 1.2 ± 0.1 cm. thick hot-pressed plywood measured as per QA method described in OCP-QLTA-P14-18 and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area. The HR polyurethane foam is moulded with density 45 ± 2 kg/m ³ and hardness load 16 ± 2 kgf as per IS:7888 for 25% compression. The one-piece armrests are injection moulded from black Co-polymer Polypropylene. The pneumatic height adjustment has an adjustment stroke of 12.0 ± 0.3 cm. The pedestal is injection moulded in black 33%glass-filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal is 66.3 ± 0.5 cm. pitch-center dia. (76.3 ± 1.0 cm with castors). The twin wheel castors are injection moulded in Black Nylon.
28	209	COMPUTER TABLE	Size: Length: 1015 mm, Width: 600 mm, Height: 865 mm (+/- 1) mm Raw Material (specs of laminations & thickness): 25mm Prelam Particle Board, 15mm Prelam Particle Board Construction: KD fitting & Wooden Dowel.
29	210	REVOLVING MID BACK	The seat and back are made up of 1.2 ± 0.1 cm. thick hot pressed plywood measured as per QA method described in OCP-QLTA-P14.18 and upholstered with fabric and moulded Polyurethane foam with PVC upping all around. The back foam is designed with contoured lumbar support for extra comfort. The HR Polyurethane foam is moulded with density = 45 ± 2 kgs. /m ³ and Hardness load 16 ± 2 kgf as per IS:7888 for 25% compression. The armrest is made of black integral skin polyurethane with 50-70 Shore A hardness and reinforced with MS insert. The P.U. armrest is fixed to black powder coated (DFT 40-60 microns) armrest bracket made of 0.5 ± 0.05 cm. thk. HR steel. The permanent contact mechanism is designed with the following features: 360° revolving type, 14° ± 2 ° maximum back-tilt only. Upright position locking, Tilt tension adjustment. The fixed type mechanism is 360° revolving type without back tilt.
30	211	TABLE WITH DRAWER ON BOTH SIDES	Top worksurface panels are made from 18 ± 0.5 cm thk pre laminated boards as per width 2mm thk PVC edge banding on all sides. C-frame is made from 0.9 ± 0.09 mm thk powder

			coated 50 micrones (±10) CRCA MS. Tubular Frame is 25.4 ± 0.3 mm x 1.2 ± 0.096 mm thk MS ERW tube. In Storage Shell - 0.5 ± 0.07 mm thk CRCA MS, Drawer Tray - 0.5 ± 0.07 mm thk CRCA MS, Drawer front - 0.8 ± 0.1 mm thk CRCA MS, lock - 10 leaver cam lock, Handle - built in Plastic.
31	212	COMPUTER CHAIR	Revolving - M-5 D 02 R
32	213	VERTICAL FILING CABINETS	four drawer Unit in Two tone colour

Segment-6

ANNEXURES

(Technical Bid, Price Bid, Agreement,
Undertaking for CMC)

ANNEXURE -I

(Refer Clause No. 3.1)

CHECK LIST

(To be submitted in **Cover A Technical Bid**)

Note : The documents has to be arranged serially as per the order mentioned in the check list

COVER – A (TECHNICAL BID) DOCUMENTS : SUBMITTED OR NOT

Please put \checkmark in the respective box

	DOCUMENT	PAGE NO	YES	NO
1	List of Item (s) – Annexure II			
2	Tender document Fee			
3	Earnest Money Deposit			
4	Details of Manufacturing Unit / contract person Liaisoning agent / servicing centre (Annexure III)			
5	Declaration form (Annexure -IV) signed by the Tenderer & affidavit before Notary Public / Executive Magistrate			
6	Manufacturer's Authorization Format			
7	(Annexure – V) (for distributor/Importer) (Item wise)			
8	Proof of avg. Annual turnover for preceding 3 financial years (for manufacturer /Importer) / Proof of Annual turnover for preceding 3 financial years (for authorized distributor as well as manufacturer /Importer in case of distributor) (Annexure - VI)			
9	Performance Statement (Item wise) during the last three years (Annexure -VII)			
10	Copies of Purchase order (Item wise) in support of the performance statement			
11	Deviation/No deviation Statement (Item wise) & details of technical specification (Annexure -VIII A & B)			
12	Leaflets/Technical Brocheures of the Products offered (Item wise)			
13	Copy of Import license (In case of Importer)			
14	Copy of Valid ISO Certificate			
15	Attested Photocopy of Up-to-date CE / US FDA/BIS Certificate (Item wise) (As per technical specification)			
16	Attested Photocopy of Up-to-date IEC Certificate (Item wise) (As per technical specification)			
17	Photocopy of PAN			
18	Photocopy of VAT clearance certificate			
19	Copy of original Tender and schedules, duly signed by the Tenderer			

(To be submitted in *Cover A -Technical Bid*)

DETAILS OF EMD(S) SUBMITTED

Sl.	Name of Item	EMD Amount (Rs.)
	TOTAL (Rs.)	

Signature of the Tenderer :

Date :

Official Seal:



ANNEXURE – III

(Refer Clause No. 3.5)

(To be submitted in **Cover A -Technical Bid**)**DETAILS OF THE TENDERER & LOCAL CONTACT PERSON/ SERVICE CENTRE**

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Address of Local Contact Person / Branch Office / Zonal Office / Address of Service Centre if any, in Odisha.
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception	(Copy of Certificate of incorporation of Manufacturer)	
Name of the issuing authority		
Import License (in case of Importer only)		
VAT validity	(Furnish photocopy of VAT)	
PAN	(Furnish photocopy of VAT)	
Details of the Service Centre Facilities		

Signature of the Tenderer :**with seal****Date :****Official Seal :**

(To be submitted in **Cover A -Technical Bid**)

DECLARATION FORM

I / Wehaving My / ouroffice at..... .. do declare that I / We have carefully read all the terms & conditions of tender of the _____, Odisha for the supply of medical 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 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. Organization / Govt. Health Institutions for supply of Not of Standard Quality (NSQ) items / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Performance Security Deposit and blacklist me/us for a period of 3 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 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 Odisha.

Signature of the bidder :

Seal Date :

Name & Address of the Firm :

Affidavit before Executive Magistrate / Notary Public.



(To be submitted in **Cover A -Technical Bid**)
MANUFACTURER’S AUTHORISATION FORMAT

To

**The Dean & Principal,
VSS Institute of Medical Sciences & Research, Burla**

Ref: Tender No. ____ Dated _____ for _____.

Dear Sir,

We, -----
-----are the manufacturers of ----- (name of
equipment(s) and have the manufacturing factory at -----.

1. Messrs ----- (name and address of the agent) is our authorized distributor for sale and service of ----- (name of equipment(s))
2. We confirm that **no supplier or firm or individual other than Messrs**-----
----- (name of the above distributor) is authorized to submit a tender and enter into a contract with you for the above goods manufactured by us.
3. We also extend our full warranty (2 years comprehensive warranty) and also full back-up support for 3 years CMC after the warranty period as required by the purchaser.
4. We undertake that we have adequate infrastructure and spare part support to carry out the warranty and CMC services and do accept to provide uptime guarantee of 95% as per this tender clause No. 13.1.

Yours faithfully,


(Signature with date, name and designation)

For and on behalf of Messrs -----
(Name & address of the manufacturers)

Seal

Note :

1. This letter should be on the **letterhead** of the **manufacturer** and should be signed by a person having the power of attorney to legally bind the manufacturer.
2. Original letter shall be attached to the technical bid.



(To be submitted in **Cover A -Technical Bid**)

ANNEXURE – VI

(Refer Clause No. 3.8)

(To be furnished in the **letter head** of the Auditor/ Chartered Account)

ANNUAL TURN OVER STATEMENT

The Annual Turnover for the last three financial years of M/s _____ who is a Manufacturer /Distributor/Importer (*Pl. tick whichever is applicable*) are given below and certified that the statement is true and correct.

Sl.No.	Year	Turnover in (Rs.)
1.	2013 - 2014	
2.	2014 - 2015	-
3.	2015 – 2016	-

Average Annual Turnover (for the above three years) in (Rs.) _____

Date:

Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)

Seal

Membership No.-
Registration No. of Firm

Note:

- To be issued in the **letter head** of the Auditor/Chartered Accountant mentioning the Membership no.
- Separate certificates** should be furnished for **different manufacturer/importer** in case the bidder (authorized distributor) is quoting products of **different manufacturers/importers**. The authorized distributor has also to furnish his turnover statement in the above format.

(To be submitted in **Cover A - Technical Bid**)

Annexure VII (Refer Clause no. 3.9)

PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last **three years**)

ITEM WISE (Pl. Furnish separate performance statement itemwise if the bidder quote for more than one item & attach the order copies alongwith each performance statement)

Tender Reference No. : _____
Name of Tenderer : _____
Name of Manufacturer : _____ Name of the Item : _____

Sl.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Item Name	Make & Model	Qty	Value of Contract (Rs.)	Date of Completion		Reasons for delay if any	Have the goods been functioning satisfactorily (attach documentary proof)**
							As per contract	Actual		
1										
2										
			Total Qty							

Signature and seal of the Tenderer

- * The documentary proof will be **copies of the purchase order** (during the last 3 years) indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.
- ** The documentary proof will be certificate from the consignee/end user indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

(To be submitted in **Cover A -Technical Bid**)

Annexure VIIIA
(Refer Clause No. 3.10)

STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)

Following are the Technical deviations and variations from the purchaser's Technical Specifications.

Sl. No.	Item Name	Clause of Technical Specification	Statement of Deviations / Variations if any
1			
2			
..			
..			
..			

In case there is no deviation from technical specification, Pl. Mention **No Deviation**.

Signature of the Bidder

Name :

Date :

Place :

Seal

(To be submitted in **Cover A -Technical Bid**)

Annexure VIII B

(Refer Clause No. 3.10)

DETAILS OF TECHNICAL SPECIFICATION OF THE PRODUCT (S) OFFERED BY THE BIDDER

Sl. No.	Item Name	Make	Model	Detail Specification of the product(s) offered* (Pl. Describe the detail specification of the product offered) – Para wise compliance to the technical specification asked for.
1				
2				
..				
..				
..				

* Leaflets/Technical Brocheures of the product offered must be attached in support of the information provided above.

Signature of the Bidder

Name :

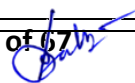
Date :

Place :

Seal

ANNEXURE

(To be submitted in COVER B - PRICE BID)



FORMAT I - PRICE SCHEDULE [For items _____)]

Whether depot. inside Odisha, i.e. VAT paid to Government of Odisha: Yes / No If Yes, Depot. Address :

Name of the Item (s) (Items mentioned in the schedule of requirement) (With Make & Model)	Specification (Section V)	Unit Price with all accessories which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with 2 (two) years onsite warranty & excludes VAT/sales tax / entry tax	CMC for three years after expiry of two years warranty period (please mention on yearly basis)	**Cost of Turnkey if any (all accessories for installation & commissioning including all taxes for turnkey in Rs. (Door delivery & installation)	*Total Cost of the Item (Unit Price with CMC & Turnkey if any) (Exclusive of CST/VAT & ET)	CST/VAT & ET (if any) on & above the item price mentioned in (3)	In Case of VAT, pl. Mention whether VAT is payable to Govt. of Odisha
		Cost in Rs. (both in words & figures)				(Mention whether CST / VAT and ET, the % of tax & it's value in Rs.)	
(1)	(2)	(3)	(4)	(5)	6=3+4+5	7	8
			1 st year after warranty: 2 nd year after warranty: 3 rd year after warranty: Total :				

Price of each item (s) quoted should be mentioned separately by creating separate rows for each item

** The cost of turnkey shall only be quoted if any specific accessories/equipment is required for installation & commissioning. In case of turnkey, the details of accessories/equipment are to be mentioned.

Signature of the Bidder:
Name

Date :

Place :

Seal

1. Rates should be quoted both in figures & words for each item 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.

To be submitted in Cover B – Price Bid

ANNEXURE-IX-B1

(Refer Clause No. 4.1 & 8.16)

FORMAT -II PRICE SCHEDULE) [For Item _____]]

Whether depot. inside Odisha, i.e. VAT paid to Government of Odisha: Yes / No If Yes, Depot. Address :

Name of the Item (s) (Items mentioned in the schedule of requirement) (With Make & Model)	Specification (Section V)	Unit Price with all accessories which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with 2 (two) years onsite warranty & excludes VAT/sales tax / entry tax	CMC for three years after expiry of two years warranty period including 6 monthly calibration charge (please mention on yearly basis)	**Cost of Turnkey if any (all accessories for installation & commissioning including all taxes for turnkey in Rs. (Door delivery & installation)	Total Cost of the Item (Unit Price with CMC & Turnkey if any) (Exclusive of CST/VAT & ET)	*CST/VAT & ET (if any) on & above the item price mentioned in (3) (Mention whether CST / VAT and ET, the % of tax & it's value in Rs.)	In Case of VAT, pl. Mention whether VAT is payable to Govt. of Odisha
		Cost in Rs. (both in words & figures)					
(1)	(2)	(3)	(4)	(5)	6=3+4+5	7	8
			1 st year after warranty: 2 nd year after warranty: 3 rd year after warranty: Total				

The Price break up of one set of laparoscope (as mentioned in Column 3 above) shall be furnished separately in Annexure IX B2

* The total cost shall be taken into account for evaluation. This will exclude the CST/VAT & entry tax if any. CST/VAT & ET which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey shall only be quoted if any specific accessories/equipment is required for installation & commissioning. In case of turnkey, the details of accessories/equipment are to be mentioned.

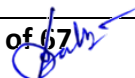
Signature of the Bidder:

Name

SealPlace :

Date :

Segment-6
ANNEXURES
(Agreement, Warranty and CMC Undertaking)



AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 2016

BETWEEN

Name of the Supplier
with full address

Here in after called the “Supplier(s) _____” as 1st Party

AND

The Dean & Principal, VSS Institute of medical Sciences & Research, Burla
Health & F.W. Department, GoO
Represented through the

_____ / **THE CONSIGNEE**

Hereinafter called the “PURCHASER” _____ as 2nd Party.

Relying on the documents and representation of facts connected to the issue of aforesaid parties to undertake the responsibilities of sell and purchase of following equipment(s) etc. with the terms & conditions hereinafter laid down.

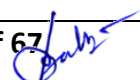
And whereas the 2nd party “Purchaser(s)” is willing to purchase

Name of the Item:

Specifications: As per specifications laid down in the Tender terms & conditions

The Supplier(s) has agreed to sell the equipment(s) completed in all respects according to the Tender requirements and their / his offer dtd. _____ and the Supplier(s) has also agreed to install to make them operative at the destination mentioned in the Tender document with the following descriptions and their cost mentioned against each.

<u>Description of goods</u>	<u>Qty</u>	<u>Price</u>	<u>Total</u>
-----------------------------	------------	--------------	--------------



The price / cost of the item also include the followings in addition to above.

1. Insurance
 2. Freight
 3. Transportation
 4. Customs duty / Excise duty
 5. Charges for documents, instructions manual, tools
 6. F.O.R. at the destinations mentioned in the consignee list
 7. Training to doctors & technicians.
 8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of two year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.
 9. Installation and commissioning of the system by the Supplier's engineer at site.
 10. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.
- CMC cost for next 3 (three) years after the warranty (FOR INSTRUMENTS ONLY) period shall be paid after completion of the warranty period (on a six monthly basis).

TERMS AND CONDITIONS

PRICE :

Only the price quoted by the Supplier(s) in his / their financial proposal will be the price for payment and no other price escalation will be allowed at any circumstances.

SUPPLY

The supply should be completed within 45 days from the date of issue of purchase order unless otherwise specified. If no supply is received even after 45 days or 75 days with liquidated damage from the date of issue of the purchase orders , such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified under Penalty. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.

LIQUIDATED DAMAGE

The Dean & Principal, VSS Medical College, Burla may allow extension for a maximum period of 30days, after the stipulated date of supply (i.e. 45 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) of delay upto a maximum 2% on the value of the goods.

If the supplier fails to complete the supply within the extended period, i.e. 45 days after being allowed by the purchaser, no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

TERMS FOR PAYMENT

- A. The payment(s) shall be made by purchaser in Indian currencies. No advance payments towards cost of Instruments and Equipments etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft/bank guarantee amounting to 10% of the purchase order value which will be deposited with the O/o of the Dean & Principal, VSS Institute of Medical Sciences & Research, Burla.

90% of the cost of the equipment (excluding CMC)+100% turnkey +100% tax shall be released to the supplier on receipt of stock entry certificate and installation certificate (that it is working) from the consignee after 4 weeks. The remaining ten percent (10%) will be released after satisfactory working certificate received from the consignee after 12 weeks of installation subject to submission of performance security (10% of P.O. Value). For this purpose the supplier will submit two bills, one 90% of the cost of the equipment+100% turnkey +100% tax and the other for the remaining ten percent (10%) of the cost of the equipment.

- B. Before release of payment the supplier has to submit the signed agreement, warranty documents of equipment and turnkey job to the consignee. The undertaking as per Annexure – XI & XII will also be submitted to the consignee with photocopies to the purchaser.
- C. The payment of CMC will be made on six monthly basis after expiry of the warranty period and signing of the CMC agreement.

TURNKEY JOB

The external power supply will be provided by the purchaser but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost (This cost is to be included in the cost of turnkey).

UP-TIME BALANCE

The Supplier (s) shall provide guarantee 95% uptime i.e. 41610 (95% of 43800 Hours) during comprehensive warranty period. The up time guarantee will be 95% as calculated here under i.e. 8322 hours per annum.

1 year – 365 days (24 working hours per day)

Total working time per annum – 365 days x 24 hrs = 8760 hrs.

Up time guarantee - 0.95 x 8760 hrs. = 8322 hrs. per annum.

For 2 years warranty = 8322 x2 = 16644Hours

Any uptime less that specified above will be compensated by the Supplier(s). The consignee shall maintain a log-book in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE

During the Guarantee / warranty period, desired uptime will be 95% of 365 days (24 hour) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The vendor must undertake to supply all spares for optimal upkeep of the equipment for **TWO YEARS(1YEAR FOR FURNITURE)** from the date of installation at the site. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the consignee if required.

In no case equipment should remain in non-working condition for more than 7 working days.

The manufacturers or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

ANNUAL MAINTENANCE CONTRACT

The supplier will provide CMC for 3 (three) years(only for instruments) after the completion of 2 years warranty period(1 year for furniture).

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.

TRAINING

Supplier(s) shall impart adequate training to 2 doctors and 2 technicians at the site / his / their factory / workshop inside / outside India as the case may be at the Supplier(s) cost.

INCIDENTAL SERVICES

The Supplier(s) shall abide by the terms and conditions under incidental services & the installation of Instrument / Equipment at the destination point (Door Delivery) of consignee and demonstrate the machine in working condition to the receiving authority.

Furnishing of tools required for assembly and / or maintenance of the supplied Instruments / Equipments.

Furnishing of detailed operations and maintenance manual literatures for each appropriate unit of supplied Goods.

Performance or supervision or maintenance and / or repair of the supplied Goods, for a period of two (2) years (1year for furniture only)i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

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.

The tenderer should furnish an undertaking to the effect that he / they should take responsibility after sales service of the equipments / instruments to be supplied by him / them and to provide spare parts for up keeping the Equipments / Instruments for a minimum period of 10 years from the date of installation.

The price of the instruments / equipments is inclusive of warranty for a period of 2 (two) years (1 year for furniture) commencing from the date of installation. The tenderers shall submit undertaking for CMC (Comprehensive Maintenance Cost) for a period of 3 (three) years from 3rd year onwards for instruments only duly signed by authorised signatories for the execution at appropriate time (Annexure – X & XI).

SPARE PARTS

The supplier will provide all the spare parts, repairing & maintenance by its trained personnel after the warranty period (2 years) during the CMC period only for instruments.

COMPREHENSIVE WARRANTY

This warranty shall remain valid for two years(1year for furniture) from the date of installation & commissioning of the machine / item & must be submitted at the time of installation to the consignee with a photocopy to the purchaser.

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 traveling allowances or transportation cost will be paid by the purchaser during warranty period.

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 (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and / or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

The Purchaser / consignee shall promptly notify the Supplier in writing / Fax / Telephone of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall with all responsible speed will repair or replace the defective goods or parts thereof without cost to the purchaser to maintain its UP TIME offered in the beginning of purchase otherwise penal provisions shall apply if the supplier fails to keep up its UP TIME.

If the Supplier, having been notified, fails to remedy the defect(s) within 10 days, the Purchaser may proceed to take such remedial action as may be necessary, like forfeiture of EMD or recovery from security deposit the amount of loss (which will be decided by Dean & Principal, VSS Medical College, Burla incurred by the purchaser.

GOVERNING LANGUAGE

The contract shall be written in English language. English language version of the contract shall govern its interpretation. All correspondences and other documents pertaining to the contract which are exchanged by the parties shall be written in English.

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).

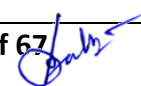
INSURANCE

For delivery of goods at site, the insurance shall be obtained by the Supplier(s) in an amount equal to 110% of the value of goods from "Warehouse" (final destination) on "All Risks" basis including natural calamities.

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.

TERMS OF CONTRACT

The Dean & Principal, VSS Institute of Medical Sciences & Research, Burla will be at liberty to terminate the process either wholly or in part without assigning any reason. The tenderers will not entitled to any compensation whatsoever in such terminations.

PENALTIES

If the successful tenderer fails to execute the agreement and / or deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money Deposit deposited by him along with his tender shall stand forfeited and he will also be liable for all damages sustained by the Dean & Principal, **VSS Institute of Medical Sciences & Research, Burla** by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the Dean & Principal, **VSS Institute of Medical Sciences & Research, Burla** & the decision is final & binding in the matter.

If any articles or things supplied by the tenderer have been partially or wholly used or consumed after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or are otherwise faulty or unfit for consumption / use & rusted then the contract price or prices of such articles on full will be recovered from the tenderer, if payment had already been made to him or the tenderer will not be entitled to any payment for that item & no further order will be given to him. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the Dean & Principal, **VSS Institute of Medical Sciences & Research, Burla** and the tenderer shall be liable for all losses sustained by the Dean & Principal, **VSS Institute of Medical Sciences & Research, Burla** in consequence of the termination which may be recovered from the Security Deposit made by the tenderer or other money due or become due to him.

Supply of sub-standard items or non - performance of tender terms & conditions will disqualify a firm to participate in the tender for the next five years.

ARBITRATIONS

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the Civil Court, District Sambalpur or High Court, Odisha.

CHANGE OF TERMS AND CONDITIONS

Any amendment to the terms & conditions and clauses of the agreement if required must be done in writing duly signed by the two parties.

IN WITNESS WHERE OF the parties herein to have set and subscribed their respective hands the day and year first herein above written.

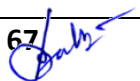
Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

0==0



**WARRANTY / GUARANTEE /CMC UNDERTAKING
(to be submitted on Rs.50/- stamp paper)**

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

I / We / M/s _____ hereby declare that,

1. I / we do Accept / Agree for the warranty / guarantee (2 years Warranty followed by 3 years CMC) as per this tender clause No. 11.1 to 11.6.
2. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
3. I / we do accept / agree to provide uptime guarantee 95% as per this tender clause No. 13.1.
4. The 2 year comprehensive warranty is valid from dt. _____ to dt. _____.
5. The 3 year CMC is valid from dt. _____ to dt. _____.

Date:

Place:

Signature of the competent authority
on behalf of the company / firm.
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.

UNDERTAKING

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

Tender Ref. No. _____

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 followed 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 Odisha 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 abide 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.
 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 2 years warranty period.

Signature of the witness

Name & address

Dated

Signature of the Tenderer

Name & address with 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.

