

TENDER NOTICE NO: 3461/ VIMSAR/2017/Dt. 21/06/ 2017

TENDER DOCUMENT
FOR SUPPLY & INSTALLATION OF
MEDICAL RESEARCH INSTRUMENT /EQUIPMENTS
MULTIDISCIPLINARY RESEARCH UNIT (MRU)



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

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Tender document for MRU INSTRUMENTS/ EQUIPMENTS VIMSAR

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Segment-1

NOTICE INVITING TENDER

TENDER NOTICE NO: 3461/ VIMSAR/2017/Dt. 21/ 06/ 2017

Tenders are invited from eligible bidders for supply & installation of medical research Instruments / equipment's for MRU, VIMSAR, Burla.

1	Approximate Cost	Rs. 7000000/- (Rupees Seventy Laks)
2.	Period of Availability of Tender Document	Dt. 24.06.2017 / 11 am onwards. [Downloadable from www.sambalpur.nic.in & www.vimsar.ac.in ; Corrigendum if any to this notice will be published in the website only]
3	Date & time for Submission of Tender	Dt. 10.07.2017 to 31.07.2017 till 5 PM [Through Speed Post/Registered post/Courier]
4	Address for Submission of Bid	Dean & Principal, VSS Institute of Medical Sciences & Research, Burla, Sambalpur,Odisha-768017
5	Cost of Tender Paper	Rs. 3150 /- (Including 5% VAT) / GST (Rupees Three Thousand One Hundred Fifty only) [as DD payable to Dean & Principal ,VIMSAR, Burla]
6	Earnest Money Deposit	EMD @ not less than 2 % of the bidding item (rounded to the nearest thousand) to be placed along with the technical bid. [as DD payable to Dean & Principal ,VIMSAR, Burla]
7	Pre Bid Meeting of the Tender (If required)	Dt. 06.07.2017 at 11:30 am
	Date, Time and Place of Opening of Tender	a) Technical Bid (Cover-A) Dt. 08.08.2017 at 11:30 am 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. 3150/- (Including 5% VAT)/ GST . 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)	EMD not less than 2 % of the Bided item(s), rounded to the nearest thousand, to be placed along with the technical bid for Medical Research Equipment. <i>[The bidder shall submit one DD towards the required EMD for all the items quoted by him in the shape of Demand Draft only in favour of the 'Dean & Principal, VIMSAR', from any Nationalized / Scheduled Bank payable at Burla]</i>
9.	Pre Bid Meeting of the Tender	Dt. 06.07.2017 at 11:30 am in the conference hall of the institute. (if required) The minutes of the pre bid meeting will be uploaded on DT.08.07.2017 in college website :- www.vimsar.ac.in and no separate communication will be made with the participant.
10.	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.

11.	Pre-qualification (Eligibility Criteria)	<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. 40000000/- (Four Crores) 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. 20000000/- (Two 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) . 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 from **10.07.2017 to 31.07.2017 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 Instruments / Equipment's -VIMSAR-2017"**.
- 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. 08.08.2017 at 11:30 am**. 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. 40000000/- (Four Crores) 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. 20000000/- (Two 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 self attested .

- 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. 3150/-** (Rupees Three Thousand One Hundred Fifty) 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 Equipment wise EMD break up must be enclosed with the PRICE BID which shall be verified at a later stage and discrepancy if found during the price bid verification ,it will lead to disqualification of the bid.

- 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. 40000000/- (Four Crores)** or more in the last 3 (three) financial years for bidders who are manufacturer/importer OR annual average turnover of **Rs. 20000000/- (Two 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 / GST** 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**. The price of CMC for **3 years for instruments** , turnkey job (accessories if any for installation), sales tax / VAT/ GST 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 Distributer/ Importer)
 - (iii) Earnest Money Deposit (EMD). (in case of Distributer/ Importer)
 - (iv) Annual average turnover of the firm (Distributer/ Importer)
 - (v) Valid ISO certificate of Manufacturer
 - (vi) Valid ISI / CE / US FDA certificate of the manufacturer.
 - (vii) IEC Certificate of the manufacturer.
 - (viii) Proof of supply/ installation of **50% of the required quantity**.
 - (ix) Major deviation from the technical specification of the items 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 onsite comprehensive warranty and exclusive of Sales Tax/VAT / GST & 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/ GST & 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 will be provided by the purchaser 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 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 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 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** 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, cost of turnkey (cost of accessories if any for installation/commissioning) & CMC for next three years for instruments.

b) The cost of the medical equipments (excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two years , but

excluding VAT / GST & ET), cost of turnkey (cost of accessories if any for Installation & Commissioning with all taxes for turnkeys) & cost of CMC for next three years 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 Dept. 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 / GST 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 30 days, 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 / SSI 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 Instruments / Equipment:

ITEM CODE	ITEM	QTY
1	Trinocular Stereo Microscope	01
2	CO2 Incubator	02
3	Ultra Low Temp Freezer-80 ⁰ C	02
4	Refrigerated Incubator	02
5	Analytical Balance	01
6	Hybridization Oven	01
7	Electrophoresis Systems with Midi Sub System With Power Pack - Mini format Vertical Electrophoresis(2 Gel)	02 sets
8	Gel Dryer	01
9	Spectrophotometer:	02
10	Ice Flaking machine	01
11	Ultra Sonicator	01
12	Refrigerated Shaker Incubator	01
13	Inverted Microscope	01
14	ELISA Washer and Reader with Microplate Manager Software	01
15	Water Purification System	02
16	Hot Air Oven	01
17	Microprocessor Controlled Autoclave	01
18	Refrigerated Micro Centrifuge	01
19	pH meter	02
20	Vertical Autoclave	01
21	Hot Air Oven	01
22	Water Bath	01
23	Magnetic stirrer with Hot plate	01
24	Vortex Mixture	02
25	Tissue homogenizer	01
26	Positive Pressure Filtration System/ Vacuum Pump	01
27	Micropipette set	2+1
28	Electronic Top Loading Balance - A	01
29	Electronic Top Loading Balance - B	01

Segment-5

TECHNICAL SPECIFICATIONS

Item Code	Name of Item	Technical Specifications
1	Trinocular Stereo Microscope	<ol style="list-style-type: none"> 1. Zoom Stereo Microscope Body with zoom ratio 8:1 with zoom setting more than 10 position zoom position (switchable Zoom clickstops 0.63x-0.8x-1x-1.25x-1.6x-2x-2.5x-3.2x-4x-4.5x-5x) 2. Variable magnification range between 6.5x to 100x & can be extended upto 250x 3. Widefield focusable eyepieces 10x with 23 mm field of view. Stand fitted with with broad base easy - to – reach controls for focusing, zoom changer and illumination 4. Photoport with 100% switch between right eyepath and camera, incl. interchangeable 60N camera adapter 0.5x with c-mount interface 5. Ergonomic Binocular phototube inclined at 35° with built-in Plan-apochromatic objective & eyepieces that cover large area of sample 35.4mm to 4.6 mm. Greenough/telescopic based optical system. Optical resolution should be 450 lp/mm or higher 6. Working distance should be 35-92mm or higher. 7. 350/450 mm column stand with broad base with working area should be 210x160 mm for along with light guide and 2 sliding reflectors for transmitted brightfield and darkfield application compatible with halogen lamp 15V 150 watt cold light source illumination and 560 mm gooseneck fibre optic dual light guide for incident light application & long lasting LED (color temperture should be 5600K) for transmitted light application. 8. Optics should be anti-fungus treated & certified upto three years from the principal (certificate should be attached) 9. <u>Photography system & software:</u> Resolution upto 5.0 Megapixels & pixel size should be: 2.2 µm x 2.2 µm or higher Frame Rate maximum 47 fps, Exposure time: 100µs to 2 s, Imaging software for image acquisition, capturing, live image preview, white balance adjustment, interactive measurement, angel, cantour along with a suitable Desktop PC <p>All specification should be mentioned in a valid printed catalogue of the manufactures as well as supplied item should be installed at ICAR/ICMR/Govt.institute.</p> <p>Guarantee/warranty – 5 years followed by 5 years AMC/CMC</p>
2	CO2 Incubator	<ol style="list-style-type: none"> 1. Stainless steel interior with inner gas door. 2. Stainless steel Exterior.

		<ol style="list-style-type: none"> 3. Sterilization: Automatic chamber sterilization. Sterilization cycle 4 hour at 160 deg or better. 4. Interior Volume: apex. 150-160ltr. 5. Digital Electronic CO2 control with auto zero. 6. Digital NDIR CO2 sensor. 7. Heap Filter for chamber packed in the sterile condition 8. Temp range: up to 50 deg C 9. Active Microprocessor controlled for humidification and dehumidification. 10. Humidity: Approx. 85 to 97% RH 11. 3 Full Width Shelves. 12. Power supply: 230V, 50Hz 13. CO2 range: 0 to 10% 14. CO2 Accuracy: +/- 0.1% or better 15. Fully stainless steel heated door. 16. Microprocessor Temp controller with Auto-diagnostic system. 17. Accuracy: +/- 0.1 deg C or better <p>CO2 Cylinder and Double v stage regulator</p>
3	Ultra Low Temp Freezer-80⁰ C	<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 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
4	Refrigerated Incubator	<p>Capacity: appx.325liter(12 cu. Ft.) or more</p> <p>Construction: Double wall with poly Urethane (PUF) Insulation</p> <p>Temperature range: $\leq 5.0^{\circ}\text{C}$ to $\geq 60.0^{\circ}\text{C}$.</p> <p>Temperature resolution: 0.1°C or better</p> <p>Temperature accuracy: $\pm 0.2^{\circ}\text{C}$ or better</p> <p>Temperature uniformity: $\pm 1^{\circ}\text{C}$ or better</p> <p>Temperature Control: Microprocessor based PID Control</p> <p>Temperature sensor accuracy: $\pm 0.25^{\circ}\text{C}$ or better</p> <p>Temperature Display: Digital LED</p>

		<p>Air circulation: Flange motor with blower Chamber illumination: Fluorescent light with door switch. Feet: Castor wheels Trays: SS wire mesh heavy duty 3 nos. Electrical: 230 V/ 15A/ 50 Hz. Safety Features: Temperature: High temp. safety cut off. Compressor: Electrical overload cut off relay for compressor Time delay for compressor switch ON Electrical circuit breaker</p>
5	Analytical Balance	<p>Fully Microprocessor based Maximum Capacity : 200-220 gm. Readability : 0.1 mg or less Repeatability :0.1 mg or less Linearity : ~0.2 mg Setting time : 2sec.appx Fully – Auto-calibrated with internal weights Power Supply : AC 230V/50Hz Protective Housing Cover</p>
6	Hybridization Oven	<ul style="list-style-type: none"> • Microprocessor controlled temperature regulator • Proportional plus integral controlling (PI). Rapid heat up. • Digital temperature setting and display in steps of 0.1°C. • Fast and exact setting and exact reproducibility of temp. • Soft touch key with characteristics symbols. • Over-temp. Cut-out to protect the test substances. • Electronic monitoring <p>To be supplied with Hybridization Tubes of approx. 50 mm, length 270 mm, 8 or more spring clips to hold hybridization tubes and 2 clip wheels. Interior Dimension: 400 x 330 x 400 (w x d x h) mm appx. Exterior Dimension: 580 x 630 x 670 (w x d x h) mm appx. Temperature range: ≤8°C above ambient to 99.9°C Temperature constancy ±0.5°C or better Temp. regulation: Electrical Microprocessor controlled Over temp. Cut-out: Set point dependant, Optical alarm if, set point is exceeded by 4 degree. ROTATION OF RACKS: 12 Per minute Interior Illumination: 2 lamps 15 watt each or better Power Supply: 230 volt 1 KVA UPS with 30 minutes power back-up</p>
7	Electrophoresis Systems with Midi Sub System With Power Pack - Mini format Vertical Electrophoresis (2 Gel)	<p>Electrophoresis Systems Mini Sub System For running 7 x 10 cm agarose gel Gel running tray and buffer chamber Gel casting tray and UV compatible gel running tray Gel Tray size: 7 x 10 cm8 and 10 wells combs Midi Sub System For running 15 x15 cm agarose gel Gel running tray and buffer chamber Gel casting tray and UV compatible gel running tray Gel Tray: 7 x 10 cm10 and 15 wells combs Power Pack Constant voltage and constant current output The capability to pause and resume the run</p>

		<p>Voltage: 10-300 volt, Current: 4-400 mA or better Timer: 1 min to 99 hr or better Output terminal: 4 set in parallel, LCD display Mini format Vertical Electrophoresis(2 Gel) Due electrophoresis system for 10 x 7 cm gels Total buffer volume for 2 gels: 300-500 ml To be supplied with 1 mm and 1.5 mm spacers and combs 10 and 15 well combs 5 sets of glass plates and notched plates Dual gel casting stands, sample loading guide, electrode Assembly, concealed to avoid electric shock</p>
8	Gel Dryer	<p>Vacuum gel-dryer system with thermo stable lid and accessories, Uniform heating platform to the upper limit 90-95 C or better, Dryer with suction pump and collector vessel Suction control facility with suction pump , Accessories including Tubing and control knobs, should be included</p>
9	Spectrophotometer	<ul style="list-style-type: none"> ➤ Microprocessor controlled UV-VIS spectrophotometer must be mounting of a large size backlight color LCD display of atleast 26.4cm with standard validation and self-diagnostic function. ➤ Incorporation of Seya-Namioka monochromator using stigmatic concave diffraction grating for elimination of the coma as well as aberration, grooving should be supported by the ruling engine preferably ➤ Spectral bandpass preferably 1.5nm should be satisfying European Pharmacopeia (Sample:0.02% solution of toluene in n-hexane) <p>Features:</p> <ul style="list-style-type: none"> • Optical system : Double Beam with dual detector (split beam or ratio beam will not be considered) • Grating: stigmatic concave diffraction grating (hologram grating will not be considered) • Blazed wavelength of 250 nm should be used for optimizing the grating efficiency. • Wavelength range: 190 to 1100 nm • Spectral band pass: 1.5 nm(should be satisfied by European Pharmacopeia) • Noise level: ± 0.00015Abs or better • Baseline flatness: ± 0.0006 Abs (within 200 to 950 nm) • Baseline stability 0.0003 Abs/h • Wavelength setting repeatability : ± 0.1 nm • Photometric accuracy and repeatability should be certified according to NIST SRM 930 • Wavelength scan speed: 10, 100, 200, 400, 800, 1200,2400, 3600 nm/min preferably. • Light source: Deuterium Lamp, Tungsten Iodide Lamp (An energy change in the light source can be compensated to ensure stable measurement for a long time) • Light source changeover: Automatic switchover interlocked with wavelength. • Display :640 x 480 large LCD backlight display of 26.4cm

		<ul style="list-style-type: none"> • Centronics interface and RS-232C interface • GLP/GMP Complied option. • Measured data can be saved by processing a commercial spreadsheet program <p>Software function/application includes:</p> <ul style="list-style-type: none"> • Calculation of correlation coefficient • Concentration unit input • Kinetic assay • Spectrum and working curve printout • Spectrum display • Peak/valley detection/Tracing/Scale expansion/contraction/Smoothing • Differentiation • Area calculation • Fundamental arithmetic calculations between spectra • Validation function • Automatic wavelength calibration • Lamp ignition time etc. <p>System complete with Software & Suitable Computer.</p> <p>All specification should be mentioned in printed catalogue of the manufactures.</p>
10	Ice Flaking machine	<p>Self cleaning system: cleans its entire water distribution system in 24 minutes</p> <p>Easy access with sliding type door</p> <p>Machine gets automatically cut-off when the collecting bin is full of ice flakes</p> <p>Over load protection of motor and refrigeration system</p> <p>Capacity: 90-100 Kg, per 24 hours or better</p> <p>Self contained Bin capacity: approx. 25 kg or more</p> <p>Low water & Energy Consumption: 10 kwh per 100 kg.</p> <p>Water Consumption: 5 ltrs. Per hour</p> <p>Dimension: 25''x20''x40'' appx.</p> <p>Input Voltage: 230 V/50 Hz/ single ph.</p>
11	Ultra Sonicator	<p>130-500 watt Ultrasonic processor:</p> <p>Able to process samples with volumes of 150 µl-150 ml(approx.)</p> <p>Independent on/off pulser, which controls, On/off cycles from 1-59 sec.</p> <p>The microprocessor based Timer controls processes. Timer Monitors both elapsed time and duration of processing.</p> <p>Tactile keypad, menu driven display, simple function keys combines for a user friendly systems.</p> <p>All programmed Control parameters are displayed on the easy to read screen. Temp. Controller with memory.</p> <p>Converter, tool kit, foot switch connection, 6 mm Probe with tip and stand, clamp, sound enclosure box.</p>
12	Refrigerated Shaker Incubator	<p>Double wall construction</p> <p>Inner made of stainless steel</p> <p>Outer made of mild steel with powder coated</p> <p>Microprocessor based temp. controller with digital display</p> <p>Shaking platform with shelve for incubation purposes.</p> <p>Platform with interchangeable clamps</p> <p>Microprocessor based temp. & speed control with digital</p>

		<p>Display. Timer facility Silicon packing magnet door Temp. safety glass door Speed Range: 25-300 rpm, $\pm 0.1\%$ or better Temp. Range: 5°C to 60°C, $\pm 0.1^\circ\text{C}$., digital display or better Timer: 48 hours or more Compressor: 1/8 hp or better Shaking tray: either 9 x250 ml. clamps Or 16 x 100 ml. clamps for holding flasks or better</p>
13	Inverted Microscope	<ol style="list-style-type: none"> 1) Inverted microscope with 6V/30-35 watt halogen illumination as well as long lasting LED lamp attachment for observation and photography under bright field & phase contrast. Microscope should have binocular phototube 45°/20 to attach the camera and it should made off from single moulded metallic specially for its binocular tube & lower stand part to ensuring its longevity & robustness. Provision for to upgrade LED fluorescence for 470 nm module only 2) High quality Infinity Corrected System Objectives 4x, 10x Ph1, 20xPh1 and 40x Ph1 and wide-field paired eyepiece 10x /20 mm FOV with focusable & dioptre adjustable swivelling siedentopf tubes for comforting viewing angle. 3) Inter Pupillary Distance adjustment range 48-75mm. Intensity settings to be easily displayed on both sides of the stand by live LEDs as used as intensity indicator which used to to save the lamp life of the system. 4) Large Specimen stage 200 mm x 239 mm to accommodate different samples, large tissue culture bottles, petri dishes, microtiter plates and culture flasks. Stage enlargement accessory available. XY movement guide for stage and holders for petridishes, 96 well plates should be available. 5) Should be completed with filter for even homogeneous illumination & Interference green filter for phase contrast sample. Long working Condenser 0.4 of working distance 555 mm with universal phase slider for phase objectives & built-in aperture diaphragm for bright field and phase contrast. 6) There should be automatic stand-by for illumination/ on/off switch facility of light illumination ideal for 10-15 min. to increase the life time of the illumination 7) Resolution upto 5.0 Megapixels & pixel size should be: 2.2 μm x 2.2 μm or higher, frame Rate maximum 20 fps & 10 micron to 2s & complete with c-mount adapter, Camera should have provision for integrated slot of capturing images from the microscope also. Imaging software for image capturing, live image preview, white balance adjustment, interactive measurement, angel, cantour, acquisition & annotations. Complete with a desktop computer/laptop to ran the above quoted camera & imaging software <p>All specification should be mentioned in printed catalogue of the manufactures.</p>

<p>14</p>	<p>ELISA Washer and Reader with Microplate Manager Software</p>	<p>WASHER</p> <ol style="list-style-type: none"> 1. Microplate Types - 96and 384well,Low profile and standard height, Solid and filter bottom 2. 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) 3. Separation- Bio-magnetic separation, vacuum filtration (optional) 4. 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 – Bio-Stack and 3rd party automation compatible ,Bio-Spa 8 Automated Incubator compatible <p>Washing</p> <ol style="list-style-type: none"> 1. Manifold Types- 96well washing: 96tube manifold straight dispense tubes 96and 384well washing: 96tube Dual Action manifold 20° angled dispense tubes 384well washing (fast): 192tube Dual Action 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 <p>Physical Characteristics</p> <ol style="list-style-type: none"> 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 <p>READER</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 lab ware supported- like Take 3 Micro Volume
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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- Bio-Stack and 3rd party automation compatible , Bio-Spa 8 Automated Incubator compatible

Absorbance

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 feature should 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

Physical Characteristics:

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)

Software specification:

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 V max
14. Simple velocity calculation

		<ul style="list-style-type: none"> 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
15	Water Purification System	<ul 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. Pre-treatment with activated carbon with 3 micron pre-filter 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 17. TOC without UV: < 10 ppb, TOC with UV: < 5 ppb 18. Less than 2 Particulates/mm with size > 0.22 µm 19. Less than 2 cfu/mL microorganisms 20. Very low level of Endotoxin(<0.001EU/ml) 21. Very low level RNase (< 1pg/mL), DNase (< 5pg/mL) 22. Flow rate: at least 1 L/min 23. Instrument supported by Software, Memory of actions and quality kept in memory for 1 year 24. Option of Validation services 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
16	Hot Air Oven	<ul style="list-style-type: none"> Double walled construction Interior stainless steel of 304 grade Exterior stainless steel zinc plated Digital display of all parameters Temp. range: 10°C above ambient to 300°C or more, Accuracy: ±0.25°C at 150°C better PID Microprocessor control for exact setting and maintenance of set point temp. Integrated auto-diagnostic system with visual fault indication Triple Over temp. Protection Fan speed controller adjustable in 10% steps. Programme timer with real time clock.

		<p>Timer: 1-999 minutes Settings with test time and date Manually adjustable air flap for fresh air intake Air circulating fan Support ribs for grids Stainless steel grids supplied: 2 nos. Capacity: approx. 110 ltrs. Approx. Dimensions: internal: 560 x 480 x 400 mm (W X H X D), External: 700 x 750 x 550 mm (W x H x D) – Approx.</p>
17	Microprocessor Controlled Autoclave	<p>Double wall has single chamber of steam and water Working Chamber is made of stainless steel LM-304 Grade of 2 mm or better Thickness: Outer wall made of stainless steel of 1 mm thick or better Lid, flange and bottom sheet made of Stainless Steel. All joints are to be argon welded. Joint less silicon gasket. Heavy duty industrial flange heater or better Pressure range: 15 -22 PSI or better, Factory set at 15 PSI Lid fitting pressure gauge: 0-30 PSI or better Safety spring loaded pressure gauge, steam release Valve Hydraulically tested at 60 PSI Temp. control: Microprocessor based digital display Temp. range: 120 -125°C Built-in digital timer Calibration certificate Temp. automatically controlled by digital controller, which controls pressure and temp. with temp. indication Basket made of thick S.S. rod with wire mesh Size: 50/90 Ltrs. Apprx.</p>
18	Refrigerated Micro Centrifuge	<p>Rotor: 24 x 1.5/2.0 ml. with Click Seal bio-containment lid, 230 V, 50/60 HZ. Max RCF: 17000 x g, Max speed : 13,000 rpm or better Max noise level: 50 dBA Time set range: 1 min- 99 min, 1 min increments + HOLD mode, Temperature range: Set from -9°C to +40°C per 1°C increment or better Dimension H x W X D mm (IN)- 330 x 300 x 450 apprx. 230 V 50/60 Hz</p>
19	pH Meter	<p>RANGE: PH : -2 to 16 or better mV : <u>±±</u>1000-1600 or better Temp : ≤5 to ≥100°C RESOLUTION: pH : 0.01 or better Mv : 0.1 or better Temp : 0.1°C or better ACCURACY: Ph : <u>±</u> + 0.01 or less Mv : <u>±±</u> 0.2 or less Temp : 0.1°C or less Temp. compensation: Automatic Calibration : A least up to 3 point Display : LCD single parameter plus temp. To be supplied with electrode, 4,7,10 buffer solutions along with cleaning & Storage solution</p>

20	Vertical Autoclave	<p>Double wall design with single chamber for steam and water. Inner chamber to be of at least 2 mm thickness and made of stainless steel; Outer cover to be made of stainless steel . Lid and flange are to be made of thick stainless steel. Capacity of chamber 20-25 ltr. Approx. Pressure up to 22 psi set 15 psi. Complete with pressure gauge, safety valve, steam release valve, extra safety valve.</p>
21	Hot Air Oven	<p>Inner chamber: Stainless Steel, Outer wall: mild steel with powder coating Gap between the walls to be filled with glass wool to avoid heat loses. Heating elements to be made of high grade chrome plated chrome wire Digital temperature indicator cum controller to Control the temperature. Air circulation fan for uniform temperature Temperature range : $\leq 50^{\circ}$ C to $\geq 250^{\circ}$ C Accuracy : $\pm 2^{\circ}$ C or less Capacity in LTR : 90 – 120 apprx. Rating W : 2 KW or more</p>
22	Water Bath	<p>Doubled walled, made of stainless steel and digital control of Temperature Controller. Lid to be supplied with 6 or more holes & ~ 7.0 cms concentric rings. Operates at 230v Temp. range : ~ 5°C above ambient to ~ 99.5°C Size in cms : 35x25x10 apprx. Rating W : ~ 1 KW</p>
23	Magnetic Stirrer with Hot plate	<ul style="list-style-type: none"> • Digital temperature setting • simultaneous digital display of target and actual temperatures via LCD display • display of actual temperature value in medium with 0.10 C resolution <p>Heat output (W) : 1 Heat output (W) : ~1500 Stirring capacity : ~1. 5L or better Plate dimensions (mm) : 260x260 apprx. Plate material : Teflon coated Power input/output (W) : ~2 KW Speed range : 100-1500 rpm or better Temperature range ($^{\circ}$C) : 50-200 or better Weight (kg) : 6 apprx. WxDxH (mm) : 300x400x100 apprx.</p>
24	Vortex Mixture	<p>Vortex mixer for low volume of samples stirring. Speed : ≤ 100 to ≥ 3200 rpm Operation: Touch/Continuous Working condition: ≤ 4 Ambient to $\geq 60^{\circ}$C. Body : MS with powder Coated/ chemical resistant. Input Voltage : 230V, 50Hz, A.C. Supply</p>
25	Tissue Homogenizer	<p>With digital speed indicator SHAFT holding up to 10MM DIA, fitted with girding pestle, ~50ml glass homogenizing cup with rod as standard. Speed: ≤ 300 to ≥ 8000 rpm. Max Volume: Up to 100ML. Motor: 1/8 HP AC/DC or better</p>

26	Positive Pressure Filtration System/ Vacuum Pump	Neoprene diaphragm based, oil-free, lour coated head, AC power source operated vacuum pump for laboratory filtrations. Current supply 220V 50Hz, Pressure: ~4 bar/58psi or better, Include 2 stages filtration. Noise: less than 65 db With vacuum pressure gauge and regulator
27	Micropipette Set	SINGLE CHANNEL-VARIABLE (FULLY AUTOCLAVABLE), Volume range: 0.2-2µl Volume range: 2-20µl Volume range: 20-200µl Volume range: 100-1000µl MULTICHANNEL: 8 CHANNEL-VARIABLE (FULLY AUTOCLAVABLE), Volume range: 30-300 µl & 1-10 µl
28	Electronic Top Loading Balance - A	Cap.: ~6000gm, High Stability, Quick Response, Digital display, Sensitivity: 0.1 gm or less Pan size: ~150 mm
29	Electronic Top Loading Balance - B	Complete with glass wind shield and one touch Function key having sliding door Opening/closing system. Maximum Capacity: ~200gm. Readability : 0.001 gm(1 mg) Repeatability : 0.001 gm(1 mg) Linearity : 0.002 gm (2 mg) Power supply: AC 320 V Connectivity : RS-232 Interface for connection to PC or Printer without additional software. Overload Protection: Yes

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 in the respective box

	DOCUMENT	PAGE NO	YES	NO
1	List of Item (s) – Annexure II			
2	Tender document Fee – DD			
3	Earnest Money Deposit - DD			
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 Annexure – V) (for distributor/Importer) (Item wise)			
7	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)			
8	Performance Statement (Item wise) during the last three years (Annexure -VII)			
9	Copies of Purchase order (Item wise) in support of the performance statement			
10	Deviation/No deviation Statement (Item wise) & details of technical specification (Annexure -VIII & IX)			
11	Leaflets/Technical Brochures of the Products offered (Item wise)			
12	Copy of Import license (In case of Importer)			
13	Copy of Valid ISO Certificate			
14	Attested Photocopy of Up-to-date CE / US FDA/BIS Certificate (Item wise) (As per technical specification)			
15	Attested Photocopy of Up-to-date IEC Certificate (Item wise) (As per technical specification)			
16	Photocopy of PAN			
17	Photocopy of VAT / GST clearance certificate			
18	Copy of original Tender and schedules, duly signed by the Tenderer			

Handwritten signature and date: 21/6/2017

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 / GST validity	(Furnish photocopy of VAT/ GST)	
PAN	(Furnish photocopy of VAT/ GST)	
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 / our
.....office 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.

[Handwritten signature]

(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 item wise if the bidder quote for more than one item & attach the order copies along with 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.

[Handwritten signature]
21-6-2017

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

Annexure VIII

(Refer Clause No. 3.10)

STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)

(Separate Table for Each Item)

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

Item Code	Item Name	Clauses of Technical Specification for each	Deviations / Variations if any

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 IX

(Refer Clause No. 3.10)

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

Item Code	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 Brochures 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 / GST 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/ GST	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/ GST & ET)	CST/VAT / GST & ET (if any) on & above the item price mentioned in (3)	In Case of VAT/ GST, pl. Mention whether VAT is payable to Govt. of Odisha
		Cost in Rs. (both in words & figures)				(Mention whether CST / VAT/ GST 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.

Handwritten signature and date: 21-6-2017

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

Whether depot. inside Odisha, i.e. VAT / GST 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/ GST Cost in Rs. (both in words & figures)	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 / GST & ET)	*CST/VAT / GST & ET (if any) on & above the item price mentioned in (3) (Mention whether CST / VAT / GST and ET, the % of tax & it's value in Rs.)	In Case of VAT/ GST, pl. Mention whether VAT is payable to Govt. of Odisha
(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/ GST & entry tax if any. CST/VAT / GST & 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

Seal Place :

Date :

[Handwritten Signature]
21-6-2017

Annexure -XII

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

DETAILS OF EMD(S) SUBMITTED

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

Signature of the Tenderer :

Date :

Official Seal:

21-6-2017

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

AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 2017

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, Govt. of Odisha
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 dt. _____ 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 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.

21-6-2017

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** 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 for instruments after the completion of 2 years warranty period.

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 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 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 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.

21-6-2017

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)

ANNEXURE – XIV

(Refer Clause No. 11.1 to 11.6, 13.1)

**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.

21-6-2017

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.

21-6-2017

21-6-2017