KERALA MEDICAL SERVICES CORPORATION LIMITED  
(Dept. of Health & Family Welfare, Govt. of Kerala)  
Thycaud P.O, Thiruvananthapuram, Kerala - 695 014

TENDER DOCUMENT
for
for the Installation & Commissioning of
MODULAR OPERATION THEATRES
(TENDER NO: KMSCL/EP/T29/393/2012)

Name of Tenderer: 
Address: 
Signature of Tenderer: 

<table>
<thead>
<tr>
<th>Last date and time for the receipt of Tender:</th>
<th>11:00 am; 09/11/2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of opening of technical bid:</td>
<td>12:00 noon; 09/11/2012</td>
</tr>
</tbody>
</table>

For details; 
www.kmscl.kerala.gov.in 
e-mail: engg_ep@kmscl.kerala.gov.in
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<th>PAGE NO.</th>
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SECTION I
INTRODUCTION

1.1 The Kerala Medical Services Corporation Limited - KMSCL (Tender Inviting Authority) is a fully owned Government of Kerala company set up in 2007 for providing services to the various health care institutions under the Department of Family Welfare and Health. One of the key objectives of the KMSCL is to act as the central procurement agency for all essential drugs and equipments for all health care institutions (hereinafter referred to as user institutions) under the department. The corporation has also been entrusted with the setting up and running of all kinds of modern Medical and Paramedical or medical based ancillary facilities such as hospitals, pathological labs, diagnostic centres, x-ray/scanning facilities.

1.2 Over the last decades, several equipments have been procured and installed in the various health care institutions under the government under different schemes. One of the major problems encountered is the maintenance of the equipments. Site preparation, timely replacement of consumables, calibration of sensitive equipments, upgradation of technology, training to the doctors and paramedical staff- all poses problems. The corporation has been formed by the government to fill in these grey areas and to act as total service providers to the all the government health care institutions. Of course, this mammoth task could be achieved only with the active involvement and support of the manufacturers/dealers of the equipments.

1.3 In this tender, the lowest price is not the sole criteria for selecting the equipment/supplier. The two bid system, which is followed, has been designed to eliminate those equipments which do not match the technical specifications, or not having the proven technology and to eliminate firms that do not have the financial or technical capability to supply, install and maintain the equipments. i.e., to provide after sales support for a period of minimum 5 years from the date of installation and to ensure 98 % uptime in performance/operation of the equipment.

1.4 The payment to the successful tenders will be settled after obtaining a ‘one month performance certificate’ from the head of the user institution – one month period is a period of trail run- during which the performance of the equipments will be keenly observed. At the same time, it may be noted that the Corporation is not the agency finalizing the requirements of equipments and their technical specifications. These parameters are finalized by the user institutions and funding agencies and forwarded to the corporation for procurement. On our side, we ensure that the technical specifications are not biased towards a particular equipment/firm, through consultations during the pre-tender meetings with the
prospective tenderers. Amendments in the terms and conditions of the tender documents may be resorted to on the basis of expert advice to see that more than one firm qualifies for the final round. Technology specific specifications/conditions and entertaining direct purchase will be undertaken, if and only if, the user agency certifies the equipment required is of proprietary nature. Since the equipments procured are dealing with precious human life in government hospitals, depended by the poor and downtrodden of the society, it is our endeavor to ensure that most modern, but proven and durable equipments are procured and supplied. The tender documents are prepared after assessing the market to meet such objectives.

1.5 Every paise spend by the corporation is public money and hence accountable. Therefore, after sales service and up-time guarantee on the performance of the equipment purchased by the Corporation have to be given paramount importance. Corporation will be dealing with defaulters in these fronts with a firm hand, which may lead to black listing and recovery of damages. We request our valuable suppliers to avoid such unpleasant situations.

1.6 It is also essential while dealing with public money that utmost transparency has to be maintained in the procurements of the corporation. All decisions will be published from time to time on our website www.kmscl.kerala.gov.in. The corporation will not wait for the mandatory 30 days period to provide any information under Right to Information Act and will provide the information within the minimum possible time. The Corporation will uphold the fundamental “right to be heard” enshrined under the Constitution of India and will take harsh decisions only after providing opportunity for hearing/submission of facts. Tenderers could prefer appeal to the government against all decisions of the corporation.

Looking forward for a long standing relation with you.

Best wishes,

Sd/-

Biju Prabhakar IAS

Date: 06/10/2012

Managing Director, KMSCL & Tender Inviting Authority
SECTION II

SCOPE & DESCRIPTION OF CONTRACT

2.1 General Definitions

2.1.1 Government means Government of Kerala, represented by the Secretary to Health & Family Welfare, who is also the Chairman of the Board of Directors of KMSCL.

2.1.2 Purchase Committee is a sub Committee of the Board of Directors authorised under Resolution No 1 /2010 to decide on the purchase of the drugs and equipments procured by the Kerala Medical Services Corporation Ltd.

2.1.3 Tender Inviting Authority is the Managing Director of the KMSCL, who on behalf of the User Institution/Government or the funding agencies calls and finalize tenders and ensure supply, installation and after sales service of the equipments procured under this tender document.

2.1.4 User Institutions are the departments, health care institutions, Local self Government Institutions etc under the Government of Kerala for which the equipments under this tender is procured.

2.1.5 Funding agencies are usually departments like Directorate of Health Services, Directorate of Medical Education, Departments of Ayurveda, Homoeo, Department of Social Welfare etc, and Missions/organizations like National Rural Health Mission (NRHM), Institute of Family Health & Welfare, registered societies etc funded by the Government of Kerala, Government of India, UN organisations, World Bank etc that provide funds for the procurement of drugs and equipments on behalf of whom the tender is invited by the Tender Inviting Authority.

2.1.6 Blacklisting/debarring – the event occurring by the operation of the conditions under which the tenderers will be prevented for a period of 1 to 5 years from participating in the future tenders of Tender Inviting Authority/User Institution, more specifically mentioned in the Specific Conditions of Contract (Section V) and General Conditions of Contract (Section VI) of this tender document, the period being decided on the basis of number of violations in the tender conditions and the loss/hardship caused to the Tender Inviting Authority/User Institution on account of such violations.

2.2 Scope

2.2.1 If the Tender Inviting Authority/User Institution choose to place orders for supply, installation and commissioning, the successful tenderer is bound to supply the same make/model of equipment(s) at the same rates and under the same terms and conditions of this tender to such agencies/institutions, placing the repeat order.
2.3 **Brief Description:**

2.3.1 A two bid system – consisting of technical bid and price bid - is adopted in the invitation of tenders. Those tenderers which are eligible as per prequalification criteria, submit the requisite information as needed in the technical bid document and demonstrate the features/specification of the equipment offered under this tender to the satisfaction of the Tender Inviting Authority will only be eligible for opening of price bids.

2.3.2 The tender offers, duly filled, shall be submitted in two separate sealed covers separately for technical and price bids respectively. Such covers shall be super scribed as “Tender No………………. (here mention the tender no as specified in Section III) TECHNICAL BID for installation and commissioning of Modular Operation Theaters (here mention the name of the equipment)” or “Tender No………………. (here mention the tender no as specified in Section III) PRICE BID for installation and commissioning of Modular Operation Theaters (here mention the name of the equipment)” as the case may be. Both the sealed covers shall be enclosed in another sealed (third) cover which should also be super scribed as “Tender No………………. (here mention the tender no as specified in Section III) TENDER for installation and commissioning of Modular Operation Theaters (here mention the name of the equipment)”

2.3.3 The tender documents could be down loaded from the website of the corporation at [www.kmscl.kerala.gov.in](http://www.kmscl.kerala.gov.in) and also available at the head office of the Tender Inviting Authority.

2.3.4 A pre-tender meeting will be convened to clarify the doubts of the prospective tenders. The corporation may or may not amend the terms and conditions as well as technical specifications of the tender document after the pre-tender meeting on the basis of feedback obtained during such meeting with a view to obtain maximum number of competitive bids.

2.3.5 The tenders should be prepared and submitted as per the tender formats only prescribed in the tender document and should be addressed to:

The Managing Director
Kerala Medical Services Corporation Ltd
Thiruvananthapuram -695 014
Phone Fax: 0471-2337353, 4015522, 3045600
Email: engg_ep@kmscl.kerala.gov.in

2.3.6 In order to ensure maximum number of competitive tenders and to avoid indication of the price quoted, a fixed rate of Earnest Money Deposit (EMD) rounded to 2% of the estimated cost of the equipments tendered is adopted.
2.3.7 Minor infirmities in the submission of documents will be allowed to be rectified so as to ensure qualification of maximum number of competitive offers to the final round.

2.3.8 The corporation normally adopts three methods for verification of compliance of specification of the equipments, called “demonstration”, as follows.

2.3.9 Demonstration of the specification of sample equipment at the head office of Tender Inviting Authority.

2.3.10 Inspection by a technical committee or the representative of the Tender Inviting Authority at the nearest third party location where the successful tenderers have installed a same make/model of the equipment.

2.3.11 Demonstration of the specification at one of the institutions mentioned in the schedule of requirement (section IV) after installation of the first piece of the equipment.

2.3.12 The decision on the mode of verification of specification of the equipments will be decided after the pre-tender meeting by the corporation on the basis of expert advice. The Tender Inviting Authority may also resort to Pre-Delivery Inspection (PDI) at the suppliers site, if needed.

2.3.13 There will not be any individual communication in respect of general notices, amendments, etc. The prospective offers are advised to check for updates in our website www.kmscl.kerala.gov.in on a day to day basis. Individual communications will only be issued in exceptional cases, at the discretion of the Tender Inviting Authority. All notices/information will also be disseminated through the Tender Inviting Authority’s website and it will be binding on the tenderers. The prospective tenderers are advised to browse the website of the Tender Inviting Authority on a day-today basis till the tender is concluded.

2.3.14 The prospective tenderers may, sometimes, be required to prepare the site and undertake electrification / minor civil works if the institutions concerned / funding agency could not undertake the same within the stipulated time. In such instances, it will be ideal for the successful tenderer to prepare the site on negotiated terms for which extra charges will be paid converting the supply and installation of the equipments under this tender as a ‘turn-key contract’. Site preparation charges will not be considered for evaluation of prices.

2.3.15 The corporation attaches paramount importance to the after sales service of the equipments installed to ensure smooth operation afterwards. The successful tenderer is required to undertake preventive maintenance and attend all repairs, if any, that may arise during the warranty period free of cost and thereafter for additional period mentioned in the Specific Conditions of Contract, for which the rates of Comprehensive Annual Maintenance Contract or Comprehensive Maintenance Contract, in simple terms (CMC-including all
essential spares needed for the satisfactory performance of the equipment) and Annual Maintenance Contract (AMC- without spares) shall be finalized at the time of tender itself. The rate offered for CMC/AMC charges will be considered for evaluation of prices and deciding on the successful tenderer.

2.3.16 Failure to provide satisfactory after sales services during or after the warranty period and CMC/AMC will lead to blacklisting/debarring of the tenderers, but after issuing due notice and provide opportunity for being heard.

2.3.17 The decision to impose penalties and finally to black list the defaulting firm will be final and shall be binding on all tenderers participating in this tender. However there will be provision for appeal before the government against the decisions of the Tender Inviting Authority.

***** ***** ***** ***** *****
SECTION III
TENDER SCHEDULE

3.1. Tender Details

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<tbody>
<tr>
<td>1</td>
<td>Tender No.</td>
<td>KMSCL/EP/T29/393/2012)</td>
</tr>
<tr>
<td>2</td>
<td>Cost of tender Document</td>
<td>₹ 7,875/- (inclusive 5% VAT)</td>
</tr>
<tr>
<td>3</td>
<td>Total Estimated Cost</td>
<td>₹ 50.00 lakhs</td>
</tr>
<tr>
<td>4</td>
<td>Earnest Money Deposit</td>
<td>₹ 1,00,000/-</td>
</tr>
<tr>
<td>5</td>
<td>Validity of EMD</td>
<td>31st May 2013</td>
</tr>
<tr>
<td>6</td>
<td>Performance Security</td>
<td>10% of the offered price (for successful tenderers)</td>
</tr>
<tr>
<td>7</td>
<td>Validity of Performance Security</td>
<td>Upto 90 days after the date of completion of the contractual obligations</td>
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3.2. Important dates:

<table>
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<tr>
<th>Sl. No.</th>
<th>Particulars</th>
<th>Date and time</th>
<th>Venue</th>
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<tr>
<td>1</td>
<td>Date of release of tender</td>
<td>From 10:00 am; 06/10/2012</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Date of Pre-tender meeting</td>
<td>11:00 am; 19/10/2012</td>
<td>Head Office, KMSCL,</td>
</tr>
<tr>
<td>3</td>
<td>Last date for submission of filled up tenders</td>
<td>11:00 am, 09/11/2012</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Date of opening of the Technical bid</td>
<td>12:00 noon, 09/11/2012</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Date of opening of the price bid</td>
<td>To be informed to the qualified tenderers qualifying after demonstration</td>
<td></td>
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SECTION IV
DETAILS OF EQUIPMENTS TENDERED

4.1 Equipment(s) tendered:

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<th>Sl.No</th>
<th>Equipment Code</th>
<th>Description</th>
<th>Total Est. Cost (₹)</th>
<th>Quantity</th>
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<tr>
<td>1.</td>
<td>393</td>
<td>Modular Operation Theater</td>
<td>50.00 Lakhs</td>
<td>3</td>
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4.2 Technical specifications:

The detailed technical specifications and other quality parameters of the above equipment are contained in Appendix I.

4.3 Schedule of Requirements

The schedule of requirements showing the number of equipments in every location and the details of the locations are mentioned in Appendix II.
SECTION V

SPECIFIC CONDITIONS OF CONTRACT

5.1 Time Limits prescribed

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<th>Time Limit</th>
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</thead>
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<tr>
<td>5.1.1.</td>
<td>Installation &amp; Commissioning period</td>
<td>8 weeks from date of issuance of Work Order</td>
</tr>
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<td>5.1.2.</td>
<td>Comprehensive warranty period</td>
<td>3 years for the work and equipments supplied</td>
</tr>
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<td>5.1.3.</td>
<td>CMC/AMC period</td>
<td>7 years (to be discussed at the time of pre-tender meeting and changes if any shall be issued as amendment after that)</td>
</tr>
<tr>
<td>5.1.4.</td>
<td>Frequency of visits to all User Institution concerned during Warranty/CMC or AMC</td>
<td>One visit every three months (4 visits in a year) for periodic/preventive maintenance and any time for attending repairs/break down calls.</td>
</tr>
<tr>
<td>5.1.5</td>
<td>Frequency of payment of CMC or AMC charges</td>
<td>Every six months after completion of the period</td>
</tr>
<tr>
<td>5.1.6</td>
<td>Submission of Performance Security and entering into contract</td>
<td>10 days from the date of issuance of Letter of Intent</td>
</tr>
<tr>
<td>5.1.7</td>
<td>Payment Installments of Price of equipments and ratio</td>
<td>2 Installments and in the ratio 60: 40</td>
</tr>
<tr>
<td>5.1.8</td>
<td>Time for making payments by Tender Inviting Authority</td>
<td>Within 30 days from the date of submission of proper documents</td>
</tr>
<tr>
<td>5.1.9</td>
<td>Maximum time to attend any Repair call</td>
<td>Within 48 hours</td>
</tr>
<tr>
<td>5.1.10</td>
<td>Uptime in a year</td>
<td>95%</td>
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5.2. Pre qualification of tenderers:

5.2.1 The tenderer should have successfully completed similar projects of modular prefabricated operation theatre works for the last three calendar years in the country and who submit copy of the work order, satisfactory performance report attested by the client(s).
5.2.2 The tenderer should have successfully completed at least three similar projects of modular prefabricated operation theatre works in any one of the last two calendar years in the country and who submit copy of the work order, satisfactory performance report attested by the client(s).

5.2.3 Tenderers who submit all the necessary documents as prescribed for inclusion in the technical bid under cl.6.10 without any ambiguity, errors etc and who submit the requisite cost of the tender document and also the EMD as DD or Bank Guarantee/Bankers cheque.

5.2.4 The tenderers who have an average annual turnover of ₹ 2 Crores for the last three completed financial years. The tenderer shall submit proof of the same (notary attested audited copy of audited accounts, balance sheet, annual report etc.)

5.2.5 Tenderers who submit notary attested copy of IT returns filed for the last three years.

5.2.6 Tenderers who have the capability to attend repairs and maintenance work within the time mentioned as per clause 5.1.9 anywhere in Kerala and who are willing to provide a stand-by arrangement in case of the fault of any equipment installed as part of the work extends beyond 72 hours from the time of reporting of the fault within the next 48 hours (total down time should not exceed 5 days in one instance). The tenderers who have the capability to ensure the uptime mentioned in clause 5.1.10. (Documentary proof shall be submitted on the after sales facilities and expertise of the tenderer.)

5.2.7 Tenderers who are not offering the equipment of a firm / company that has been blacklisted by KMSCL or blacklisted/debarred by any other State/Central Government’s organization.

5.2.8 Tenderers who have been blacklisted/ debarred by Tender Inviting Authority or blacklisted / debarred by any State Government or Central Government department/Organization should not participate in the tender during the period of blacklisting.

5.2.9 Notwithstanding anything contained in any other clause in this tender document, or anything contained in any previous tender contract, agreement, instrument or any other legal document, firms / dealers / suppliers / manufacturers who had entered into a contract for supply of any particular equipment with KMSCL during the year 2009-2010 & 2010-2011 shall not be eligible to participate in this tender in respect of the same / similar equipment if the said firms / dealers / suppliers / manufacturers had failed to execute at least 50% in any of the supply orders placed to them.

5.2.10 Firm / company who have withdrawn after participating in any of the previous tenders of KMSCL are not eligible to participate in this tender.
5.3 **Scope of the Work.**

5.3.1 Tender is invited for the installation and commissioning of 3 Modular Operation Theatres modular operation theatre at Cardiothoracic Block, Medical College Kottayam as per the NABH guidelines.

5.3.2 Civil & Electrical work of the existing building has been completed by State PWD and the space required for setting up Modular Operation Theatre shall be provided to the Tenderer.

5.3.3 Successful Tender shall make use of existing electrification works, Medical Gas outlets, Air Conditioning System, Water Supply etc provided in the institution and complete the installation and commissioning.

5.3.4 Tenderer shall offer unit rates of each category works as specified in the technical specifications in the price bid form.

5.3.5 The square feet area mentioned is prepared by the Tender Inviting Authority and the evaluation of price bids will be only on the basis of area mentioned in the price bid form. However the payment shall be settled for the actual area of work done after measurement. The measurement shall be done mutually by the Tender Inviting Authority and tenderer.

5.3.6 Measurement which has to be taken during the course of work shall be intimated promptly by the tenderer to the Tender Inviting Authority in writing. In case if it is not informed to the Tender Inviting Authority appropriately, then the measurement shall be done only for the visible area and the decision of Tender Inviting Authority is final in this regard.

5.4 **Inspection of Site.**

5.4.1 Tenderers are expected to inspect the site of the proposed work before offering rates and shall go through all the drawings, specifications and other tender conditions. The Tenderer shall clearly understand the scope of work and shall offer the rates. Any further clarifications in the drawings and documents can be obtained from the Tender Inviting Authority.

5.4.2 The Tenderer shall inspect and acquaint himself with the site conditions approaches, availability of raw materials, geological and weather conditions examine the site and its surroundings, and shall satisfy himself before submitting tender, as to the nature of the ground, form and nature of the site, the quantities and nature of work and materials required for the completion of the works, the means of access to the site, the local labour conditions, the facilities available at site, the accommodation required and in general shall obtain all necessary information as to the risks, contingencies and other circumstances which may influence or affect the tender.
5.5 **Delivery and Installation**

5.5.1 Tenderer should provide complete modular theatre on turnkey basis including installation, testing, commissioning and training of all items mentioned in the tender.

5.5.2 Bidder may visit the site before bidding with prior permission. The bidders will have to integrate the OT with existing medical gas pipeline and Air conditioning systems.

5.5.3 Tender Inviting Authority can increase or decrease the final quantity. Hence tenderer should provide details of prices of all the components, equipment and their accessories on Unit basis wherever required. If the bidder does not provide rate of any equipment / instrument / accessories / consumables then that particular instrument will be considered free of cost.

5.5.4 The wall system, ceiling system, Laminar Air flow system, wall cabinet system, exhaust ducts, doors, illumination lights, control panel, pass through cabinet, X-ray viewing screen etc required for modular operation theatre should be supplied by one manufacturer / vendor to have optimum compatibility of the system.

5.5.5 On acceptance of the tender, the tenderer shall intimate the name of his authorized representative who would be supervising the construction and would be responsible for taking entire Instructions for carrying out the work.

5.5.6 Tender Inviting Authority’s decision with regard to the quality of the material and workmanship will be final and binding, any material rejected by the Tender Inviting Authority shall be immediately removed by the tenderer.

5.5.7 If the Tender Inviting Authority wants to occupy areas in part, the tenderer shall complete the work of these areas in conjunction with the Tender Inviting Authority and hand over the same without affecting any of the clause of contract agreement.

5.5.8 The tenderer should inspect the source of material, their quality, quantity and availability. The material must strictly comply with the relevant I.S. specifications.

5.5.9 The tenderer must co-operate and co-ordinate with other contractors involved in other works on the site. The tenderer should also note that they shall have to clear the site of vegetation, debris etc. before the commencement of the work and that no extra payment is permissible on this account.

5.5.10 Installation works shall be carried out by the tenderer as per the drawings approved and issued by the User Department / Tender Inviting Authority. Tenderer shall arrange for the execution of the works and the procurement of materials accordingly. The tenderer must not vary or deviate from the drawings in any respect while executing the work or executing any extra work of any kind whatsoever duly consulting the Tender Inviting Authority.
5.5.11 The tenderer shall give adequate notice in writing to the Tender Inviting Authority for any further drawings or specifications that may required for the execution of the works or otherwise under the contract.

5.5.12 One copy of the drawings furnished to the tenderer as aforesaid shall be kept at the site and the same shall at all reasonable times be available for inspection and use by the Tender Inviting Authority / Representative.

5.5.13 The tenderer shall provide and employ only such skilled and experienced technical assistants in their respective fields and such sub-agents, foreman and leading hands as are competent to give proper supervision to the work they are required to supervise and necessary for the proper timely execution and maintenance of works in site for the execution and maintenance works.

5.5.14 The Tender Inviting Authority shall be at liberty to object to and require the tenderer to remove forthwith from the works any person employed by the tenderer in or about the execution or maintenance of the works who in the opinion of the representative of the Tender Inviting Authority mis-conducts himself or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered by the representative of the Tender Inviting Authority to be undesirable and such person shall be replaced by the tenderer without delay by a competent substitute approved by the Tender Inviting Authority.

5.5.15 No land, building belonging to or in the possession of the institution shall be occupied by the tenderer. The tenderer shall not use, or allow to be used, the site for any purpose other than that for executing the works. Under no circumstances, the roads within the institution campus shall be used for dumping/collection of materials by the contractor.

5.5.16 Any site-shed, proposed to be temporarily constructed by the tenderer for his office work, storage of materials etc, shall conform to the standard sketch, or to the plan approved by the representative of the Tender Inviting Authority. Permission for the construction of such sheds shall be obtained in writing.

5.5.17 All materials required for the execution of the works other than those mentioned in the Notice Inviting Tender if any, shall be supplied by the tenderer. Materials so supplied shall have the approval of the representative of the Tender Inviting Authority before using on the works. All the rejected materials shall be removed at once from the site of work at the tenderer’s own cost.

5.5.18 The tenderer shall pay all tollages and other royalties, rent and other payments or compensations, if any for getting stone, gravel, sand, clay and all other materials required for the works.

5.5.19 The tenderer shall be responsible for the true and proper setting out of the works and for the correctness of the position, levels, dimensions and alignment.
of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith. If at any time during the progress of the works any error shall appear or arise in the position, level, dimensions or alignment of any part of the works, the tenderer on being required to do so by the representative of the Tender Inviting Authority/User Institution, shall at his own cost rectify such error to the satisfaction of the Tender Inviting Authority. The checking of any setting out or of any line or level by the representative of the Tender Inviting Authority shall not in any way relieve the tenderer of his responsibility for the correctness thereof. The tenderer shall provide all necessary instruments, appliances and labour required by the representative of the Tender Inviting Authority for checking, if any, of the setting out. The tenderer shall carefully protect and observe all bench marks, site levels, pegs and other things used in setting out the works. The rates quoted for the work shall also include the cost of reference and level pillars and their dismantling, when no longer required. The tenderer shall verify all dimension and elevations mentioned in the drawings prior to the commencement of work.

5.5.20 The tenderer shall co-operate with the work of other agencies or Contractors that may be employed or engaged by the Tender Inviting Authority and as far as it relates to the tenderers’ work. The sequence of work shall be so arranged that the work of other agencies is also in progress simultaneously.

5.5.21 The tenderer must take precautionary measures to protect the underground and other services lines viz. cables, water and sewer lines, etc. and observe any specific instructions which may be given in this regard by the representative of the Tender Inviting Authority.

5.5.22 If the Tender Inviting Authority has undertaken to supply any material specified in the special conditions at rates and conditions cited therein, the tenderer shall keep himself in touch with day-to-day position regarding the supply of materials from the representative of Tender Inviting Authority and so adjust the progress of the works that labour may not remain idle nor there by any other claim due to or arising from delay in obtaining the materials.

5.5.23 The tenderer shall maintain an account of different materials obtained from the Tender Inviting Authority for executing the works under the contract. The representative of the Tender Inviting Authority shall have the right to check the position of materials at all times.

5.5.24 The tenderer shall be responsible for the safe storage of materials supplied by the Tender Inviting Authority for execution of the works. Surplus materials or materials lost or damaged or unaccounted for or made unserviceable by the tenderer shall be charged in actuals.

5.6 Sub Contracting

5.6.1 The tenderer shall not sub-contract any part of the works without the written consent of the Tender Inviting Authority and such consent, if given shall not
relieve the tenderer from any liability or obligation under the contract and the tenderer shall be responsible for the acts, defaults and neglects of the sub-Contractor, his agents, employees or workmen as fully if they were the acts, defaults or neglects of the tenderer or his agents, servants, or workmen.

5.7 **Inspection, Testing and Quality Control**

5.7.1 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier.

5.7.2 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser’s inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser’s inspector for conducting the inspections and tests again.

5.7.3 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier’s premises, the supplier shall put up the goods for such inspection to the purchaser’s inspector well ahead of the contractual delivery period, so that the purchaser’s inspector is able to complete the inspection within the contractual delivery period.

5.7.4 The purchaser’s/consignee’s contractual right to inspect, test and, if necessary, reject the goods after the goods arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser’s inspector during pre-despatch inspection mentioned above.

5.8 **After Sales Service conditions:**

5.8.1 The Tender Inviting Authority is in the pursuit of ensuring excellent after sales service for every institution in respect of the equipments supplied / work done under this contract. The after sales terms and conditions will be strictly enforced and those tenderers who are willing to support the Tender Inviting Authority in its endeavor to provide trouble free operation/performance of the equipments for the prescribed period need only participate in the tender.

5.8.2 The after sales service shall be performed during the warranty period and also during the Comprehensive Maintenance Period (CMC)/ Annual Maintenance Contract, if awarded. The detailed terms and conditions for after sales service mentioned hereunder.
5.9 Guarantee/Warranty terms:

5.9.1 The successful tenderer has to warrant that the Goods supplied and installed under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

5.9.2 The successful tenderer further have to warrant that the Goods supplied and installed under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Tender Inviting Authority’s specifications) or from any act or omission of the successful tenderer, that may develop under normal use of the supplied goods.

5.9.3 All the equipments including the accessories supplied and all sort of works done as per the technical specification in clause 4.2 should carry comprehensive warranty for a period mentioned under cl.5.1. in the first instance. During this period, the successful tenderer shall replace all defective parts and attend to all repairs/break downs and undertake stipulated number of preventive maintenance visits to every user installation site. The cost of spare parts for all replacements has to be borne by the successful tenderer during the period of comprehensive warranty.

5.9.4 On expiration of the comprehensive warranty period, the successful tenderer shall be willing to provide after sales support for an additional period prescribed under clause 5.1. (the period to be decided by the Tender Inviting Authority after the pre-tender meeting and shall be binding on all prospective tenderers once it is issued as amendment to the tender under clause 6.8) from the date of supply & installation, under an extended contract known as Annual Maintenance Contract (AMC-without replacement of spares) and Comprehensive Maintenance Contract (CMC-inclusive of replacement of spares).

5.9.5 The prospective tenderer, shall submit an undertaking in the format Annexure I that the tenderer is willing to provide guarantee/warranty and after sales service during the period of warranty/CMC/AMC for all the works done and equipments supplied and also the tenderer have the capacity to manufacture / supply, install and commission the modular operation theater tendered within the stipulated time.

5.9.6 After sales service centre in Kerala preferably or at least in South India should be available as part of the pre-qualification criteria under cl.5.2.6 and the tenderer shall provide proof of their capability to undertake such maintenance/repair within the stipulated time.

5.9.7 Site Visits: The successful tenderer shall visit each User Institution as part of preventive maintenance as per the frequency mentioned under cl.5.1. during the warranty period. The tenderer shall attend any number of break down/repair calls as and when informed by the Tender Inviting Authority/User Institution.
5.9.8 During every visit, a copy of the service report/break down call report, duly signed by the custodian of the equipment/head of the health care institution and stamped shall be forwarded by email/fax/post to the KMSCL office within 10 days from the due date.

5.9.9 Complaints should be attended properly, maximum within the time mentioned in clause 5.1.9. In case, the repair/fault duration is likely to exceed 72 hours, the successful tenderer shall arrange a standby equipment of the same make and model within next 48 hours (total down time should not exceed 5 days) as a stop-gap arrangement till the repair/fault is rectified and the stand by equipment shall perform in the same manner as regards a new equipment.

5.9.10 Upon receipt of such notice for repair/breakdown from the Tender Inviting Authority or user institution, the successful tenderer shall, within the period specified under cl.5.1.9, and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the Tender Inviting Authority or to the user institution.

5.9.11 If the successful tenderer, having been notified, fails to rectify the defect(s) within the period specified mentioned in cl.5.1.9, the Tender Inviting Authority may proceed to take such remedial action as may be deemed necessary, at the successful tenderer’s risk and cost and without prejudice to any other rights which the Tender Inviting Authority may have against the successful tenderer under the contract.

5.9.12 Failure to attend the repairs in time or failure to attend the stipulated preventive maintenance visit or failure to replace the defective equipments or to provide stand by equipment if the fault/down time exceeds the stipulated period or to ensure the stipulated up-time in an year shall lead to forfeiture of the performance security and/or may lead to blacklisting/debarring of the defaulting tenderer.

5.9.13 A warranty certificate (as per format in Annexure III) duly signed and with proper stamp of the institution concerned and also signed by the authorized signatory with the stamp of the successful tenderer shall be submitted to the Tender Inviting Authority for keeping it under safe custody along with the Installation Certificate. A copy of the original warranty papers has to be given to the institution head concerned.

5.9.14 The equipment which requires quality assurance test shall be done at free of cost immediately after installation, during the comprehensive warranty period, during the CMC / AMC period, by the demand of User Institutions and also when major spares are replaced.

5.9.15 Any mandatory approval required for installation shall be obtained by the successful tenderer in liaison with the respective authorities.

5.9.16 The tenderer shall submit the activities to be carried out during the preventive maintenance visit as per the format in Annexure XI.
5.9.17 The tenderer shall submit the parameters which require calibration and the frequency of calibration required as per the format in Annexure XII.

5.9.18 The tenderer shall submit the cost of all major spares as per the format in Annexure XIV In the price bid cover.

5.9.19 The tenderer shall undertake on-site calibration of the equipment every year as part of the after sales service during the period of comprehensive warranty, CMC/AMC or on demand from the user institution and submit a ‘calibration certificate’ to the head of the User Institution with a copy to the Tender Inviting Authority afterwards.

5.9.20 The offered warranty includes

5.9.20.1 Visits to the user institutions at frequencies prescribed under cl.5.1, as part of preventive maintenance.

5.9.20.2 Any problem reported by the User Institution on the work done as part of the contract

5.9.20.3 Checking air quality, maintenance and replacement of HEPA Filters whenever required during the contract.

5.9.20.4 Testing & calibration as per technical/service/operation manual of the manufacturer or as per the period specified or as per the demand of the user institute or Tender Inviting Authority.

5.9.20.5 Quality Assurance test (if applicable).

5.9.21 The cost of labour for all repairs/ and all spares required for replacement during repairs including all kinds of Probes, all types of sensors and transducers, Electrodes, Detectors, battery, battery for UPS, other vaccumatic parts etc wherever applicable and also the accessories and other devices supplied along with the equipments like stabilizer, UPS, AC, Computer, Compressor, Monitor, etc., which forms part of the equipment system, without which it cannot perform satisfactorily.

5.9.22 The exclusion of warranty of any vital equipment parts will be compared with offers of other tenderers during evaluation of the bids and this may be taken into consideration in deciding the successful tenderer on the basis of expert advice.

5.9.23 The tenderer shall provide up-time warranty of complete equipment as mentioned in clause 5.1.10, the uptime being calculated on 24 (hrs) X 7 (days) basis failing which the extension of Warranty period will be extended by double the downtime period.

5.9.24 All software updates, if any required, should be provided free of cost during Warranty period.
5.10 Annual Maintenance Contract (CMC & AMC)

5.10.1 The Supplier / fabricator of the Modular OT will have to give a written undertaking that it will be his responsibility to test and maintain all the equipment (as comprehensive warranty for 3 years) which is fitted in the OT facility and this will include air quality inside the OT and periodic maintenance of the Mini HEPA filters and other maintenance & checks of the Laminar flow system, scrub stations, Automatic door systems, OT Control Panel systems, X-Ray Viewing Systems, Peripheral Lighting, etc.

5.10.2 The decision to enter into CMC or AMC will be determined on the basis of cost and complexity of the equipment by the Tender Inviting Authority or User Institution, at its discretion, prior to the expiration of warranty period.

5.10.3 The Comprehensive Maintenance Contract (CMC) is otherwise an extended warranty. All the terms and conditions agreed by the successful tenderer for executing the comprehensive warranty of the equipment shall be extended during the period of CMC, only difference being the payment of CMC charges is absent during the period of comprehensive warranty.

5.10.4 During Annual Maintenance Contract, the cost of spares will be borne by the Tender Inviting Authority or the user institutions, as the case may be. During the period of AMC, other terms and conditions will remain the same as in the case of Comprehensive Warranty/CMC, except in respect of the cost of spares. In short, the AMC is a CMC with provisions for payment of cost of spare parts during the currency of the contract by the Tender Inviting Authority or User Institution as the case may be.

5.10.5 The cost of CMC, AMC, accessories and spares, reagents and consumables as in case may be quoted along with taxes applicable, if any. The taxes to be paid extra, to be specifically indicated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.

5.10.6 Failure/refusal on the part of the successful tender supplying/installing the equipments to enter into CMC/AMC with the Tender Inviting Authority/User Institution, at the end of the Comprehensive Warranty Period, if the Tender Inviting Authority or the User Institution, as the case may be, desires so, shall lead to forfeiture of performance security and may also result in the blacklisting/debarring of the tenderer.

5.10.7 The successful tenderer shall also indicate the rates for the CMC and AMC in price bid form and such rates are binding on the successful tenders after the expiration of the warranty period. The yearly rates for CMC/AMC shall remain the one and the same as quoted in the price bid form for the extended years.
5.10.8 Cost of CMC (excluding taxes, if any) will be considered for Ranking/Evaluation purpose. The method of calculation and ranking taking into account the charges offered for CMC (excluding taxes) is shown in Appendix III.

5.10.9 The payment of the agreed CMC/AMC charges will be made as per frequency for payment after satisfactory completion of said period, on receipt of service report/break down report from the head of all user institutions.

5.11 **Spare parts**

5.11.1 The tenders shall offer prices for all the spares mentioned in the technical specifications separately in the price bid form.

5.11.2 Successful tenderer shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods so that the same are supplied to the Tender Inviting Authority/User Institution promptly on receipt of order from the Tender Inviting Authority/User Institution.

5.11.3 The successful tenderer shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the Tender Inviting Authority for such replaced parts/goods thereafter.

5.11.4 The Tender Inviting Authority or User Institution may place orders for additional spares/consumables/reagents which are needed for the smooth performance/operation of the equipment and the successful tenderer shall be willing to supply the same in time at the cost offered in the price bid forms, failing which, such instances will be construed as a breach of tender conditions and lead to penal provisions.

5.11.5 The method of evaluation and comparison of prices taking into consideration the cost of the reagents is as illustrated in Appendix III.

5.12 **Training**

5.12.1 The successful tenderers have to impart on-site training to Doctors/Technicians/para-medical staff on the operation and preventive maintenance of the equipment at the time of installation and anytime during warranty period if demanded by the User Institution to the satisfaction of the Tender Inviting Authority and User Institution.

5.12.2 The training details shall be recorded in the installation certificate for enabling the Tender Inviting Authority to make the first 60% payment.
5.13 Payment

5.13.1 The successful tenderer shall obtain an individual ‘Installation and commissioning Certificate’ (as per format in Annexure II) for each theater, test certificates and warranty card (as per format in Annexure III) duly signed and with proper stamp of the institution concerned. A proper detail of stock taking has to be obtained in the invoices from the respective User Institutions with signature and seal.

5.13.2 The final payment of the remaining (second) installment is made only after obtaining a ‘One Month Performance Certificate’ duly signed by the institution head (as per format in annexure IV) at the end of 30 days from the date of installation.

5.13.3 The installation and commissioning report and one month performance reports shall be submitted in a single sheet printed back to back and shall be submitted individually for equipment installed.

5.13.4 The payment of the first installment of the price agreed will be made within thirty days from the date of installation and commissioning of the theaters with its all necessary equipments at the user institution specified in the supply order, on submission of Installation and commissioning Certificates (Annexure II), warranty certificate (Annexure III), invoice with proper stock taking details, photographs (hard copy), calibration / quality assurance certificate / test certificate if required as per technical specification in cl.4.2 and RTGS details.

5.13.5 The original invoice submitted shall be in the name of the Tender Inviting Authority and the name of the consignee shall also be mentioned in it.

5.13.6 Requests for advance payment, payment against delivery or payment through Bank against dispatched documents will not be considered. Part Payment at the agreed rate as per cl.5.1. shall be considered in respect of equipments installed and the necessary Installation Certificate obtained.

5.13.7 The retained remaining (second) installment will be released on submission of the ‘one month performance certificate’ subject to recoveries, if any, either on account of non-rectification of defects/ deficiencies by the successful tenderer or otherwise.

5.13.8 Payment for CMC/AMC Charges: The payment of CMC will be made once in six months after satisfactory completion of said period by the Tender Inviting Authority.

5.13.9 The successful tenderer shall not claim any interest on payments under the contract.

5.13.10 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other taxes as applicable will be made from the bills payable to the Successful tenderer at rates as notified from time to time.
5.13.11 The successful tenderer shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective User Institutions/Tender Inviting Authority.

5.13.12 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Tender Inviting Authority/User Institution, as and if permitted under the contract, the successful tenderer shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the successful tenderer) shall refund to the Tender Inviting Authority/User Institution forthwith.

5.13.13 The Tender Inviting Authority shall relax its conditions of payment in two installments on submission of requisite documents in the following two exigencies;

5.13.13.1 If the successful tenderers shall submit in writing in case the site is not ready or any other impediment they face in respect of the satisfactory installation of any of the equipment in any of the user institution owing to any reason other than his own at the first instance of encountering such impediments.

5.13.13.2 In case any difficulty is experienced by the successful tenderer in obtaining the installation and commissioning certificate/one month performance certificate from any of the User Institution after the installation and commissioning of the operation theaters, the same shall be brought to the notice of the Tender Inviting Authority immediately in writing. In such event(s), if the Tender Inviting Authority is convinced, the reasons are beyond the control of the successful tenderer, the Tender Inviting Authority, in case of supply orders placed by it, shall release payments at its discretion. In such case the letter sent to the Tender Inviting Authority shall be submitted along with the invoices while claiming payment.

5.14 Special Conditions

5.14.1 Tenderer shall quote the latest model technology equipment and material matching with the detailed technical specification. Only original technical data sheet and catalogue shall be submitted. Computer generated catalogue will not be accepted. List of accessories and optional items are to be quoted separately.

5.14.2 The tenderer should give an undertaking that they have necessary infrastructure for the maintenance of modular operation theater and equipment installed for next ten years and will be providing the accessories and spares as and when required. The foreign principal should confirm that in case of change of Indian Agent they would take care of the guarantee maintenance of the equipment. The facilities created by them for rendering effective after sales maintenance service should be elaborated.
5.14.3 The tenderer shall have to coordinate with the other contractors at the institute who would be simultaneously installing equipments, medical gas pipeline and communication /video – conferencing system etc so as to complete the entire job in a time bound manner.

5.14.4 Any civil mechanical or electrical work required if any will be the sole responsibility of the tenderer doing modular part, the institute will only be providing connection at one specific location.

5.14.5 The design and installation of modular operation theater work shall comply with all statutory regulations of PWD if any.

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SECTION VI
GENERAL CONDITIONS OF CONTRACT

6.1 Contents of the Tender Document:

This ‘Tender Document’ contains the following:

6.1.1 Introduction (Section I)

6.1.2 Scope and Description of Contract (Section II)

6.1.3 Tender Schedule (Section III)

6.1.4 Details of Equipments tendered (Section IV)

6.1.5 Specific Conditions of Contract (Section V)

6.1.6 General Conditions of Contract (Section VI)

6.1.7 Appendix- documents supplied by the tender inviting authority

6.1.8 Annexures–formats for submission of tenders by the tenderers.

6.2 Responsibility of verification of contents of tender document:

6.2.1 The purchasers of the tender form shall examine all instructions, forms, terms and specifications in the Tender Document and verify that all the contents mentioned under clause 6.1, are contained in the ‘Tender Document’.

6.2.2 Failure to furnish any information required by the tender documents and submission of an offer not substantially responsive to it in every respect shall be at the tenderer’s risk and may result in the rejection of the bids, without any further notice.

6.3 Tender Document:

6.3.1 The detailed technical specifications and terms and conditions governing the supply, installation, commissioning and the after sales service of the work tendered are contained in this “Tender Document”.

6.3.2 The tender document is to be downloaded from website [www.kmscl.kerala.gov.in](http://www.kmscl.kerala.gov.in) The tenderers shall attach a separate Demand Draft as Cost of tender document (mentioned in Section III) as per schedule of any Nationalized/scheduled Bank in favour of the Managing Director, Kerala Medical Services Corporation Ltd payable at Thiruvananthapuram along with the Technical Bid towards the cost of tender document in addition to separate Demand Draft towards EMD, failing which the offer will be rejected.
6.3.3 The tender is also available for purchase from the head office of the Tender Inviting Authority.

6.4 **Guidelines for preparation of Tender**

6.4.1 The Tenderer shall bear all costs associated with the preparation and submission of its bid and Kerala Medical Services Corporation Ltd., Thiruvananthapuram, hereinafter referred to as “Tender Inviting Authority”, will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

6.4.2 It is compulsory to provide a check list as per Annexure VII as facing sheet for the technical bid/offers submitted so as to enable the Tender Inviting Authority to prima facie verify the compliance of submission of requisite documents at the time of opening of technical bids.

6.4.3 Language of Bid:- The Bid prepared by the tenderer and all correspondence and documents relating to the bid exchanged by the Tenderer and the Tender Inviting Authority, shall be in English language. Supporting documents and printed literature furnished by the Tenderer may be written in another language provided they are accompanied by an authenticated accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the English translation shall govern.

6.4.4 The tender (in English Language only) for the supply of equipments mentioned in Section IV shall be submitted along with detailed specifications. A technical leaflet/brochure/literature in original shall be enclosed along with list of names of government departments/offices/organizations to whom the equipment with the same specifications or higher have been supplied in India during the last three years. In case of copy of earlier work orders and the performance certificates supporting the claim of past performance of the tenderer, it shall be attested by a gazetted officer or the client institution/organization where the same have been supplied and installed. Suppliers who supplied equipments in the past to the Government of Kerala Health care institutions need to compulsorily submit performance certificate of the equipments they supplied from the heads of institutions concerned as mentioned in the Specific Conditions of Contract.

6.4.5 The tender once submitted will not be altered in any case and should not have any scope of ambiguity, cutting or overwriting. In case of overwriting/cutting if any, it must be authenticated with signature of the tenderer.

6.4.6 The documentary evidence (other than those regarding supply and past performance) submitted along with the Tender shall be produced duly attested by the tenderer on every page and serially numbered. Any interlineations, erasures or over writing shall be valid only if they are initialed by the person(s) signing the offer.
6.4.7 In the event of documentary proof as required being not enclosed, the Tender shall be liable to be rejected. All pages of the bid, except for unamendable printed literature, shall be signed by the authorized person or persons signing the bid along with the stamp of the tenderer.

6.4.8 Tender shall submit a declaration letter as per the format given as Annexure XVII and copy of amendments published if any signed by the tenderer or the authorized representative shall be enclosed as part of the technical bid as a proof of having read and accepted the terms and conditions of the tender document.

6.4.9 The tender shall be typewritten or written in indelible ink and shall be signed by the Tenderer or person(s) duly authorized to bind the Tenderer to the Contract with Tender Inviting Authority. The letter of authorization, to the satisfaction of the Tender Inviting Authority, shall be submitted as by written power-of-attorney accompanying the bid/resolution of the board of directors etc.

6.4.10 An offer submitted in vague /ambiguous financial terms and the like, shall be termed as non-responsive and shall be summarily rejected.

6.4.11 A prospective Tenderer requiring any clarification of the tender documents may notify the Tender Inviting Authority in writing by email or fax at the Tender Inviting Authority’s mailing address/fax number indicated in this tender document. The Tender Inviting Authority will respond to any request for clarification of the tender Documents which it receives before 5 days prior to the deadline for submission of bids.

6.4.12 Clarifications to specific requests shall be responded through e-mail and general clarifications, affecting all the tenderers shall be published in the official website of the Tender Inviting Authority. However it shall be the duty of the prospective tenderer to ensure that the clarifications sought for has been properly received in time by the Tender Inviting Authority.

**6.5 Earnest Money Deposit (EMD):**

6.5.1 Non-submission of sufficient EMD as mentioned in Section III along with the Technical Bid shall be one of the primary reasons for rejection of the offer in the first round.

6.5.2 Cheque, Cash payment, Money Order, Fixed deposit etc will not be accepted as EMD.

6.5.3 Public Sector Units within the State or State micro, small and medium enterprises registered with Govt. of Kerala are exempted from remittance of EMD subject to submission of valid documents.

6.5.4 The EMD shall be in one of the following forms:

6.5.5 A demand draft in favour of Managing Director, Kerala Medical Services Corporation Limited, payable at Thiruvananthapuram; OR
6.5.6 A Bank Guarantee issued by a nationalized / scheduled bank located in India, in the form prescribed in the tender document (Annexure -VI) and shall valid for the period indicated in Section III; Bank Guarantee in any other format will not be acceptable and render the bid non-responsive.

6.5.7 EMD of unsuccessful tenderers will be discharged/returned as promptly as possible as but not later than 30 days after opening of the price bids by the Tender Inviting Authority.

6.5.8 The successful tenderer’s EMD will be discharged upon the tenderers signing the contract and furnishing the performance security. The EMD of the successful tenderer can be adjusted towards the security deposit payable.

6.5.9 No interest will be paid for the EMD submitted.

6.5.10 The EMD will be forfeited, if a tenderer;

6.5.10.1 misrepresents facts or submit false/fake documents during the tender process

6.5.10.2 if the tenderer willfully violates any terms and conditions of the tender documents

6.5.10.3 withdraws its bid after the opening of technical bid;

6.5.10.4 a successful tenderer, fails to sign the contract after issuance of Letter of Intent.

6.5.10.5 fails to furnish performance security after issuance of Letter of Intent.

6.6 Period of Validity of Tender

6.6.1 The tender must remain valid for minimum 180 days (six months) from the date of opening of price bid. A bid valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive.

6.6.2 The EMD provided could be converted and validity/period extended as Performance Security.

6.6.3 Withdrawal or non-compliance of agreed terms and conditions after the execution of agreement or issuance of Supply Order will lead to invoking of penal provisions and may also lead to black listing/debarring of the successful tenderer.

6.7 Pre Tender Meeting

6.7.1 Date of pre-tender meeting is mentioned in Section III.

6.7.2 Pre-tender meeting is called by the Tender Inviting Authority to explain briefly about the requirements as well as the terms and conditions of the tender
document and to get the views of the prospective tenderers, as part of ensuing transparency in the tender process.

6.7.3 It is an opportunity for the prospective tenderer to obtain all the details about the tendered items, conditions governing the tenders and also to get the explanation of any ambiguous condition that may be present in the tender document.

6.7.4 It is also an opportunity for the Tender Inviting Authority to assess the market and obtain feedback on the technical specifications/features etc requested by the User Institution/funding agency, so as to make amendments in the tender document on the basis of expert advice.

6.7.5 All prospective tenderers who have purchased the tender document or remitted ₹ 1000/- as registration fee for the pretender meeting on or before the scheduled date and time can attend. The venue, date and time indicated in Section III. Registration fee is non-refundable. Registered KMSCL vendors can attend the pre-tender meeting without remitting the registration fees.

6.7.6 Failure to attend the Pre-tender meeting will not be a disqualification, but a loss of opportunity for the prospective tenderers to understand about the equipment tendered and the tender conditions.

6.7.7 Filled up Tenders will be accepted only after the date of pretender meeting.

6.8 Amendment of tender documents:

6.8.1 At any time prior to the dead line for submission of Tender, the Tender Inviting Authority may, for any reason, modify the tender document by amendment.

6.8.2 The amendment shall be notified by fax/email to all prospective tenderers who have purchased the tender document, for which the email, fax no of the purchaser of the tender document shall be submitted to the tender inviting authority and such amendments shall be binding on them thereafter.

6.8.3 The Tender Inviting Authority shall not be responsible for failure to inform the prospective tenderers because of technical issues, wrong fax number or email ID etc. Purchasers of tender documents are requested to browse the website of the Tender Inviting Authority for information/general notices/amendments to tender document etc on a day to day basis till the tender is concluded.

6.9 Tendering System

6.9.1 The tenders/Bids are to be submitted in two Parts i.e. Part – I & Part II.

6.9.2 PART – I titled as TECHNICAL BID shall contain the complete technical specifications and details on the competency of the tenderer and also the
commercial bid package with terms and conditions of supply, warranty, after sales service etc. (Except Price Bid Form). Apart from the documents and signed copy of the purchased tender document, the necessary enclosures should be submitted in this technical bid. In short, the technical bid should contain all the necessary documents to prove the technical competency and capability of the tenderer for supplying and installing a trouble free equipment meeting the quality standards and technical specification and the ability of the tenderer for providing efficient after sales service to the satisfaction of the Tender Inviting Authority and the user institution.

6.9.3 PART – II titled as PRICE BID shall contain only the ‘Price Bid Form’ duly filled in the prescribed Performa (Annexure XIII). Price Bid not submitted in the prescribed performa will not be considered for evaluation.

6.9.4 The tender offers, duly filled, shall be submitted in two separate sealed covers separately for technical and price bids respectively. Such covers shall be super scribed as “Tender No………………. (here mention the tender no as specified in Section III) TECHNICAL BID for installation and commissioning of Modular Operation Theater” or “Tender No………………. (here mention the tender no as specified in Section III) PRICE BID for TECHNICAL BID for installation and commissioning of Modular Operation Theater” as the case may be. Both the sealed covers shall be enclosed in another sealed (third) cover which should also be super scribed as “Tender No………………. (here mention the tender no as specified in Section III) TENDER for TECHNICAL BID for installation and commissioning of Modular Operation Theater”

6.9.5 Every cover shall also indicate the Tender No. (provided in Section III), name and address of the Tenderer.

6.9.6 The rates quoted shall be inclusive of all charges like taxes, duties, freight charges, loading, unloading, handling charges etc.

6.9.7 A Third Cover, containing the above two sets of documents in separate covers, shall be sealed and marked properly and shall be addressed to;

The Managing Director
Kerala Medical Services Corporation Ltd
Thycaud.P.O.,
Thiruvananthapuram - 695 014
Kerala State

6.9.8 The outer (third) cover shall indicate the Tender No, last date & time of receiving the tenders along with the address of Tender Inviting Authority.
6.9.9 The third cover shall indicate the name and address of the tenderer to enable the Tender Inviting Authority to return the same unopened to the tenderer in the event it arrives later than the stipulated time and date or is declared invalid otherwise.

6.9.10 If the bids are not submitted as per the requirement of the above clauses, the Tender Inviting Authority shall assume no responsibility for the offer’s misplacement or premature opening and consequential rejection.

6.10 Contents of the Technical Bid:

6.10.1 Check list as per Annexure VII.

6.10.2 General information about the tenderer as per Annexure VIII.

6.10.3 Power of Attorney as per format in Annexure XV.

6.10.4 Warranty and after sales declarartion certificate (Annexure I)

6.10.5 The Earnest Money Deposit as DD/bank Guarantee as per Annexure VI.

6.10.6 Documents to prove the tenderer had successfully completed similar projects of modular prefabricated operation theatre works for the last three calendar years in the country.

6.10.7 Documents to prove the tenderer had successfully completed at least three similar projects of modular prefabricated operation theatre works in any one of the last two calendar years in the country.

6.10.8 Technical literature, product data sheet with original brochure and other documents proving that the work and all the equipments offered meet all the technical parameters as laid down under Section IV.

6.10.9 Offer form as per Annexure IX

6.10.10 Notary attested documents such as articles of association/partnership deed etc, proof of incorporation, proving the registration of place of business and showing the details of partners/promoters/board of directors etc.

6.10.11 Notarized audited copies of the P& L Accounts, Balance Sheet, annual report for the last three completed years certified by the auditors.

6.10.12 Annual turnover statement for last three years certified by the auditor as per Annexure XVI.

6.10.13 Sales tax clearance certificate as on 31-3-2012.

6.10.14 Notary attested copy of IT returns filed for the last three completed years.
6.10.15 List of similar works completed in Kerala and South India (government and private instructions separately with name/designation of the contact person, phone number/fax/email)

6.10.16 Documents showing service centre facilities in Kerala/South India

6.10.17 Details of Service centers as per Annexure X.

6.10.18 Comparative statement of the technical specifications and compliance with the suppliers offered model, deviations and justifications.

6.10.19 Preventive maintenance check list as per Annexure XI.

6.10.20 Calibration check list as per Annexure XII.

6.10.21 Declaration as per Annexure XVII and amendments if any duly signed in all pages by the tenderer or the authorized signatory.

6.11 **Method of Submission of tender**

6.11.1 The Tender shall be sent by registered post or by courier to the above address or dropped in a box specifically kept at the Head Office of Kerala Medical Services Corporation Ltd at Thycaud, Thiruvananthapuram -14.

6.11.2 Tender sent by telex or fax or email is void.

6.12 **Deadline for submission of tender.**

6.12.1 Tenders must be received in the office of the Tender Inviting Authority at the above address at Thiruvananthapuram not later than the time and date specified in the Tender Schedule (Section III).

6.12.2 In the event of the specified date for submission of tender being declared holiday, the tender shall be received up to the appointed time on the next working day.

6.12.3 If the Tender is sent by Registered post or by Courier, it should reach the above office on or before the time and date stipulated for the receipt of Tender. The Tender Inviting Authority shall not be held liable for the delay in transit where the Tender is sent by post or courier.

6.12.4 The Tender Inviting Authority may, at its discretion, extend the deadline for submission of Tender by amending the Tender Document, in which case, all rights and obligations of the Tender Inviting Authority and the tenderers previously subjected to the deadline shall thereafter be subjected to the same deadline so extended.
6.13 **Modification and Withdrawal of Bids**

6.13.1 The tenderer may modify or withdraw its bid after the bids submission, provided that written notice of the modification or withdrawal is received by the Tender Inviting Authority before the date opening of technical bids.

6.13.2 The tenderers’ modification or withdrawal notice shall be signed by the tenderer or his/her authorized representative, who have signed the original tender documents. A withdrawal notice may also be sent by fax or email but should necessarily be followed by a signed confirmation copy to be received at the head office of the Tender Inviting Authority before the date of opening of the technical bids.

6.13.3 Modification of bids on request from Tender Inviting Authority: No bid may be modified subsequent to the deadline for opening of bids. However, if the quantity mentioned in the tender vary beyond 25% of the quantity indicated under this tender documents as per the directions of the Government/User Institutions/Funding agencies, then the following procedure is adopted:

6.13.4 All the purchasers of the tender document till the date of amendment shall be given option to submit revised price bids.

6.13.5 In the event the quantity have to be increased after the pre-qualification of the technical bid evaluation and/or the demonstration, the option for submitting revised price bids will be limited to the qualified tenderers (who have been selected after evaluation of the technical bid and/or demonstration).

6.13.6 In such event(s), the Tender Inviting Authority will make a comparison of the previous prices quoted by the qualified tenderers and if it is found that the increase in quantity has not made any impact in terms of reduction in price offered, it may cancel the tender and go for fresh tenders. However, such decisions of the Tender Inviting Authority will be taken at its discretion.

6.13.7 The supply orders of quantity, whatsoever, requested by the Government/ User Institution/funding agencies, arising after the conclusion of the tender will be placed on successful tenderers only at the discounted rates, if any, offered in the price bid form of the successful tenderer.

6.13.8 No bid may be withdrawn in the interval after the opening of technical bids and the expiration of the period of bid validity specified in the tender document. Withdrawal of a bid during this interval will result in the forfeiture of its EMD and may lead to black listing/debarring the tenderer.

6.14 **Opening of Tender**

6.14.1 The opening of the technical bid and the price bid shall be done by the Tender Inviting Authority or his authorized representative in the presence of the prospective tenderers or his/her representative who choose to attend at the respective time and place mentioned in Section III.
6.14.2 The tenderers or representatives present for the opening of the envelopes shall sign registers evidencing their attendances.

6.14.3 In the event of the specified date for opening of Tender being declared holiday, the Tender shall be opened at the appointed time and venue on the next working day.

6.14.4 The tenderer’s names, the presence or absence of the requisite EMD and such other details as the Tender Inviting Authority may consider appropriate, shall be announced at the time of opening of the Tender.

6.14.5 In the event of the tender and claims in the covers are materially missing or of substantial error or unqualified for want of required qualifications, shall stand disqualified and rejected. However, minor infirmities in the submission of documents will be allowed to be rectified so as to ensure qualification of maximum number of competitive offers to the final round.

6.14.6 The tenderer shall be responsible for properly super scribing and sealing the envelopes and the Tender Inviting Authority shall not be held liable for accidental opening of the envelopes before the time appointed for opening of the envelopes.

6.14.7 The date and time of Price Bid will be announced only after the opening of the Technical Bid and a demonstration of the features, operation etc of the equipment by the tenderers.

### Evaluation of tender

6.15.1 Bid Evaluation Committee:

6.15.1.1 The commercial terms and documents submitted as part of the technical bids shall be scrutinized by a Bid Evaluation Committee constituted by the Tender Inviting Authority.

6.15.1.2 The Bid Evaluation Committee may also verify the veracity of claims in respect of the known performance of the equipment offered, the experience and reputation of tenderer in the field, the financial solvency etc.

6.15.1.3 The decisions of the Bid Evaluation Committee on whether the tenders are responsive or non-responsive or requiring clarifications will be published.

6.15.2 Technical Committee:

6.15.2.1 The demonstration shall be conducted by a Committee called the ‘Technical Committee’ in which external experts from the User Institutions/funding agencies may also be present.
6.15.2.2 The composition of technical committee may vary with the type of the equipment tendered.

6.15.2.3 The decisions of the technical committee will also be published.

6.15.3 Purchase Committee:

6.15.3.1 In case of major purchases, the decisions of the Bid evaluation Committee/Technical Committee will be further scrutinized by the Purchase Committee.

6.15.3.2 In such cases, the decisions of the Purchase Committee will also be published.

6.15.4 A tenderer, at any stage of tender process or thereafter, in the event of being found after verification by the Tender Inviting Authority, to indulge in concealment or misrepresentation of facts, in respect of the claims of the offer, shall be debarred/black listed.

6.15.5 The Tender Inviting Authority’s decisions on the tender submitted shall be based on the decisions taken by the various committees and otherwise as per the clauses as mentioned above.

6.15.6 Arithmetical errors shall be rectified on the following basis: If there occurs a discrepancy between words and figures, the amount in words shall prevail and the offer shall stand corrected to that effect. If the tenderer does not accept the correction of errors, his offer shall be rejected. The Tender Inviting Authority may waive any minor infirmity or non-conformity or irregularity in an offer, which does not constitute a material deviation, provided that the same shall not prejudicially affect the interest of the other tenderers.

6.16 Clarification of Bids

6.16.1 During evaluation of bids, the Tender Inviting Authority may, at its discretion, give opportunity to the tenderer(s) for clarification of points raised by the bid evaluation committee on its bids submitted.

6.16.2 The request for clarification and the response shall be in writing, either through email or fax or by post.

6.16.3 Unless the Tender Inviting Authority asks for change in price due to the clarifications sought, the tenderer is not permitted to alter the price offered in the “Price bid”. The change in price shall be submitted in a separately sealed covers with marking in the cover “revised price bid vide reference no...”

6.17 Demonstration of technical specifications and performance:

6.17.1 Before the opening of the Price Bid, immediately after the opening of Technical bid, the tenderer shall arrange for demonstration at own cost, either
directly or through authorized Dealer /Distributors, as the case may be, for verification by the Tender Inviting Authority, whether the equipment offered meets the accuracy and other quality parameters as indicated in Section IV, if required by the Tender Inviting Authority. The tenderer should be prepared to do so by keeping one sample unit of the same make/model equipment ready at his/her disposal.

6.17.2 If it is not possible for the successful tenderer to provide the equipment offered and conforming to the exact specifications as per section IV, then it shall be open to the tenderer to submit a model with similar specifications for the demonstration, if agreed by the Tender Inviting Authority. The purpose of this exercise is to satisfy the Tender Inviting Authority about the ability of the tenderer to manufacture and supply those equipments of specified specifications of good quality. However, the successful tender have to satisfy that the Tender Inviting Authority during the installation of the first piece of equipment at any location specified that it confirms to the requirements of the Section IV and failure to supply the equipments as per the requirements will lead to forfeiture of performance security and may also lead to blacklisting/debarring the tenderer for a period of 3/5 years.

6.17.3 If it is of the opinion of the Tender Inviting Authority that it is practically impossible for the tenderer to bring the equipment for demonstration of specifications/ performance, the Tender Inviting Authority may instruct the tenderer to adopt any of the two following methods;

6.17.4 Inspection of the specifications/ performance of the equipment / work by a technical committee/authorized representative of the Tender Inviting Authority at the nearest third party location where the qualified tenderer has installed or done similar work;

OR

Demonstrate the technical specification/ performance at the time of installation and commissioning of the work in one of the convenient location as per the schedule of requirements contained in the Section IV.

6.17.5 Failure to demonstrate the technical specification or performance of the equipment to the satisfaction of the technical committee or the Tender Inviting Authority will lead to automatic rejection of the tender and the price bid of such tenderers shall not be considered for opening of Price bids.

6.17.6 Pre-delivery inspection (PDI): The Tender Inviting Authority may also resort to Pre-Delivery Inspection (PDI) at the suppliers site, if needed.

6.17.7 The Tender Inviting Authority and/or its nominated representative(s) will, without any extra cost to the successful tenderer, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The Tender Inviting Authority shall inform the successful tenderer in
advance, in writing, the Tender Inviting Authority’s programme for such inspection and, also the identity of the officials to be deputed for this purpose.

6.17.8 The cost towards the transportation, boarding & lodging will be borne by the Tender Inviting Authority and/or its nominated representative(s).

6.17.9 If such inspections and tests are conducted in the premises of the successful tenderer, all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the successful tenderer to the Tender Inviting Authority’s inspector at no charge to the Tender Inviting Authority.

6.17.10 If during such PDI, if the contracted goods fail to conform to the required specifications and standards, the Tender Inviting Authority’s inspector may reject them and the successful tenderer shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the Tender Inviting Authority and resubmit the same to the Tender Inviting Authority’s inspector for conducting the inspections and tests again.

6.17.10.1 In case the contract stipulates pre-delivery inspection of the ordered goods at successful tenderer’s premises, the successful tenderer shall put up the goods for such inspection to the Tender Inviting Authority’s inspector well ahead of the contractual delivery period, so that the Tender Inviting Authority’s inspector is able to complete the inspection within the contractual delivery period.

6.17.10.2 If the successful tenderer, tenders the goods to the Tender Inviting Authority’s inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formalities beyond the contractual delivery period at the risk and expense of the successful tenderer. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the Tender Inviting Authority under the terms & conditions of the contract.

6.17.11 The Tender Inviting Authority’s/User Institution’s contractual right to inspect, test and, if necessary, reject the goods after the goods’ arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by Tender Inviting Authority’s inspector during PDI or demonstration as mentioned above.

6.17.12 Goods accepted by the Tender Inviting Authority/User Institution and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute Tender Inviting Authority’s/User Institution’s right to reject the same later, if found deficient in terms of the warranty clause of the contract.
6.18 Price Bids

6.18.1 Only the Price Bids of those firms qualified in the detailed scrutiny and evaluation of the Technical bid and successful PDI/demonstration, conducted by the Technical Committee/Tender Inviting Authority shall be opened in the second round.

6.18.2 The price bid shall be submitted in the format given in this document as Price Bid Form (Annexure XIII). The Price bids submitted in any other formats will be treated as non-responsive and not considered for tabulation and comparison.

6.18.3 The price offered shall be all inclusive. The tenderer shall indicate on the Price Schedule the unit prices and total bid prices of the goods it proposes to supply under the Contract.

6.18.4 The tenders shall offer prices of the equipment inclusive of all the accessories mentioned in the technical specification under Section IV and under no circumstances offer the essential accessories, without which the equipment cannot function properly, as optional.

6.18.5 The tenderer is also required to offer the rates of all the optional accessories, if any, of the equipment mentioned under Section IV and the cost of the same should be included in the offers submitted.

6.18.6 The price offered for accessories/additional accessories/spares mentioned in the technical specifications under section IV as ‘optional’ will not be taken for evaluation, but the Tender Inviting Authority will place supply orders for optional items in quantities as it desires fit.

6.18.7 Price Offered shall be in Indian Rupees. Price should be quoted for the supply, installation, training (if necessary) and successful commissioning of the equipment and fulfillment of warranty/guarantee and after sales service to the satisfaction of the User Institution.

6.18.8 The Rates of CMC/AMC for the prescribed period as per clause 5.1 shall be shown separately.

6.18.9 The CMC rates are also taken into account while tabulating and comparing prices for deciding the lowest qualified tenderer.

6.18.10 The method of evaluation and comparison of prices taking into consideration of the CMC rates (excluding taxes) is as illustrated in Appendix III.

6.18.11 Fixed price: Prices quoted by the Tenderer shall be fixed during the period of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.

6.18.12 There shall also be no hidden costs.
6.18.13 Prices indicated on the Price Bid Form shall be entered separately in the following manner:

6.18.13.1 **Basic price:** The price of the equipment quoted shall be inclusive of ex-factory, ex-show-room, ex-warehouse, or off-the-shelf, or delivered, as applicable, all accessories / additional accessories / spares mentioned in the technical specification section IV, all duties and other taxes (excluding sales tax), charges for inland transportation, insurance and other local costs incidental to delivery of the goods to their final destination and the cost of incidental services like unloading, safe storage and handling of consignment at site, on site assembly if any of the supplied goods, installation, testing and commissioning of the equipment, furnishing of detailed operations manual, service manual with circuit diagram and maintenance manual for each appropriate unit of supplied goods.

6.18.13.2 Applicable taxes like Sales tax, customs duty etc. Sales tax will not be included for the evaluation of price bids and the sales tax mentioned shall be paid if the contract is awarded.

6.18.13.3 Customs duty payable on the goods if applicable shall be indicated separately. The tenderer shall indicate the value of import items on which customs duty is payable. In such cases the Tender Inviting Authority may arrange to get the customs duty on the supplied to be made, be exempted from Government Authorities and certificate to the effect will be provided to the tenderer on award of contract

6.18.13.4 The rates of discounts offered on the basis of varied quantity.

6.18.13.5 CMC / AMC rates should be specifically mentioned for a period mentioned in clause 5.1 after comprehensive warranty period.

6.18.13.6 The rates of optional accessories mentioned under Section IV.

6.18.14 The unopened Price bids will be returned to the Tenderers within 30 days from the date of finalization of the tender.

6.19 **Acceptance /Rejection of tenders:**

6.19.1 It is also not necessary that that the offer of the firm quoting the lowest rates shall be accepted. Usually the lowest offers of tenderers qualified for the price bid opening shall be accepted, unless one sided conditions unacceptable to the Tender Inviting Authority are provided in such price bid.

6.19.2 At any point of time, the Tender Inviting Authority reserves the right to cancel or modify the supply order even after it is awarded to the successful tenderer in the event the firm deviates from the agreed terms and conditions.

6.19.3 Price Bids without mentioning the rates for CMC/AMC shall be treated as non-responsive and rejected.
6.19.4 Price Bids without offering discounted rates vis-à-vis the increase in quantities will also be treated as non-responsive and rejected.

6.19.5 Price bids without mentioning the cost of reagents shall be treated as non-responsive and rejected.

6.20 Other terms and Conditions

6.20.1 All the terms and conditions in respect of warranty/guarantee, CMC/AMC, Training of Staff etc mentioned in Section IV shall be complied with.

6.20.2 Technical Specifications and Standards:- The Goods & Services to be provided by the successful tenderer under this contract shall conform to the technical specifications and quality control parameters mentioned in Section IV of this document.

6.20.3 The tenderer shall be responsible for payment of any charges due to any statutory authorities such as Income Tax, Sales Tax, Customs Duties etc. In the event, if it found that there is some statutory deduction to be made at the source, the Tender Inviting Authority will have the authority to do so.

6.21 Notices

6.21.1 The Tender Inviting Authority shall publish the following information on its website at the appropriate time as part of ensuring transparency in the tender process;

6.21.1.1 The tender notices, documents, corrigendum, addendum etc if any.

6.21.1.2 Amendments to the tender conditions, if any, especially after the pre-tender meeting.

6.21.1.3 Results of the responsiveness of the technical bids and minor infirmities/clarifications sought.

6.21.1.4 List of tenderers qualified for demonstration and reasons for rejection of unqualified tenderers.

6.21.1.5 Results of the demonstration of the equipments, reasons for rejection of equipments and provisional list of tenderers qualified for price bid opening.

6.21.1.6 Final List of technical qualified bidders.

6.21.1.7 Provisional rates and provisional list of L1 bidders and equipment and rates offered.

6.21.2 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing by email or fax and confirmed by post. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the
receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.

6.21.3 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

6.22 Award of Contract

6.22.1 Criteria:- The contract will be awarded to the lowest evaluated responsive tenderer qualifying to the final round after scrutiny of the technical bids and demonstration of the equipment, i.e. after price bid opening.

6.22.2 Variation of Quantities at the Time of Award/ Currency of Contract:- At the time of awarding the contract, the Tender Inviting Authority reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned under cl. 4.1 (rounded off to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

6.22.3 If the quantity as mentioned under cl. 4.1 has not been increased at the time of the awarding the contract, and later if the Tender Inviting Authority increases the quantity of equipments beyond the said 25%, during the currency of the contract, then the discounted rates offered in the price bid form shall apply, but without any change in terms and conditions of this contract.

6.22.4 If orders (LOI) are issued by the Tender Inviting Authority within the period of 60 days from the issuance of first supply order then the discount slab will be applicable for all the quantity issued, including the tender quantity during this period. In such case the supply order(s) already issued will not be changed and the discount amount will be deducted as excess claim when settling the payment to the successful tenderer.

6.23 Notification of Award/Letter of Intent (LOI)

6.23.1 Before expiry of the tender validity period, the Tender Inviting Authority will notify the successful tenderer(s) in writing, by registered / speed post or by fax or by email (to be confirmed by registered / speed post immediately afterwards) that its tender for equipment(s), which have been selected by the Tender Inviting Authority, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. This notification is undertaken by issuing a Letter of Intent (LOI) by the Tender Inviting Authority.

6.23.2 The successful tenderer, upon receipt of the LOI, shall furnish the required performance security and submit an agreement in the prescribed format within ten days, failing which the EMD will forfeited and the award will be cancelled.

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.
6.23.3 The Notification of Award shall constitute the conclusion of the Contract.

6.24 Signing of Contract

6.24.1 The successful tender shall execute an agreement in the format as given under Annexure V for ensuring satisfactory supply, installation, commissioning and the after sales service/support during the warranty period.

6.24.2 The successful tenderer shall submit bank guarantee in the format as per Annexure VI a performance security prescribed under cl.6.25.

6.24.3 Promptly after notification of award, within ten days from the date of the letter of intent, the successful tenderer shall return the submit two copies of the contract (as per agreement Annexure V) with a duplicate copy, both on ₹ 100/- stamp paper purchased in the name of the successful tenderer, duly signed and dated, to the Tender Inviting Authority by registered / speed post or in person.

6.24.4 The successful tenderer shall later extend the Contract converting it as Comprehensive Maintenance Contract/Annual Maintenance Contract as per the ‘Agreement’ Appendix V with the Tender Inviting Authority/respective user institutions, 3 (three) months prior to the completion of Warranty Period, if the Tender Inviting Authority/User Institution desires so. The CMC will commence from the date of expiry of the Warranty Period.

6.24.5 Assignment:- The Successful tenderer shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Tender Inviting Authority’s prior written permission.

6.24.6 Sub Contracts:- The Successful tenderer shall not sub contract the execution of the contract. Such action, if done without the knowledge of the Tender Inviting Authority prior to the entering of the contract, shall not relieve the Successful tenderer from any of its liability or obligation under the terms and conditions of the contract.

6.24.7 Modification of contract:- If necessary, the Tender Inviting Authority may, by a written order given to the successful tenderer at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

6.24.8 Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specifically manufactured for the Tender Inviting Authority,

   6.24.8.1 Mode of Demonstration/PDI
   6.24.8.2 Incidental services to be provided by the successful tenderer
   6.24.8.3 Mode of Installation
   6.24.8.4 Place of delivery
6.24.8.1.5 Converting the installation of the equipment in all or any of the locations as turnkey project and

6.24.8.1.6 Any other term(s) of the contract, as felt necessary by the Tender Inviting Authority depending on the merits of the case.

6.24.9 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the successful tenderer to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly.

6.24.10 If the successful tenderer doesn’t agree to the adjustment made by the Tender Inviting Authority/User Institutions, the successful tenderer shall convey its views to the Tender Inviting Authority/user institutions within ten days from the date of the successful tenderer’s receipt of the Tender Inviting Authority’s/User Institution’s amendment / modification of terms of the contract.

6.25 **Performance Security**

6.25.1 There will be a performance security deposit amounting to 10 % of the total value of the equipment excluding taxes, which shall be submitted by the successful tenderer to the Tender Inviting Authority within 10 days from the date of issuance of ‘Letter of Intent’.

6.25.2 The contract duly signed and returned to the Tender Inviting Authority shall be accompanied by a demand Draft or Bank Guarantee in the prescribed format.

6.25.3 Upon receipt of such contract and the performance security, the Tender Inviting Authority shall issue the Supply Orders containing the terms and conditions for the execution of the order.

6.25.4 Failure of the successful tenderer in providing performance security mentioned in Section III and/or in returning contract copy duly signed in time shall make the tenderer liable for forfeiture of its EMD.

6.25.5 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:

6.25.5.1 It shall be in any one of the forms namely Account Payee Demand Draft or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in this document endorsed in favour of the Tender Inviting Authority/user institution.
6.25.5.2 In the event of any failure /default of the successful tenderer with or without any quantifiable loss to the government including furnishing of User Institution wise Bank Guarantee for CMC security as per Performa, the amount of the performance security is liable to be forfeited.

6.25.5.3 In the event of any amendment issued to the contract, the successful tenderer shall, within ten (10) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

6.25.5.4 Tender Inviting Authority/User Institution will release the Performance Security without any interest to the successful tenderer on completion of the successful tenderer’s all contractual obligations including the warranty obligations & after receipt of certificates confirming that all the contractual obligations have been successfully complied with.

6.25.5.5 The Bank Guarantee submitted in place of EMD/Security deposit shall be in the prescribed format; Bank Guarantee in no other form will be accepted and will lead to rejection of tenders.

6.26 Delivery and Installation

6.26.1 The successful tenderer will have arrange transportation of the ordered goods as per its own procedure and pay necessary insurance against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery and pay all necessary charges incidental till it is installed in the User Institution. It shall be ensured that the equipments arrive at the destination(s) in good condition within the delivery period mentioned and as per the other requirements of the Tender Document.

6.26.2 Delay in the successful tenderer’s performance:- The successful tenderer shall deliver of the goods and perform the services under the contract within the time schedule specified by the Tender Inviting Authority/User Institution in the List of Requirements and as incorporated in the contract.

6.26.3 A copy of the invoice shall be submitted to every User Institution to effecting stock entry at the respective location.

6.26.4 If at any time during the currency of the contract, the successful tenderer encounters conditions hindering timely delivery of the goods and performance of services, the successful tenderer shall inform the Tender Inviting Authority/User Institution in writing within a week about the same and its likely duration and make a request to the Tender Inviting Authority/User Institution for extension of the delivery schedule accordingly.
On receiving the successful tenderer’s communication, the Tender Inviting Authority/User Institution shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of successful tenderer’s contractual obligations by issuing an amendment to the contract.

6.26.5 The goods will not be accepted after the date of issuance of notice of termination under cl. 6.35, even if the goods are ready or dispatched following the termination. For the remaining goods and services, the Tender Inviting Authority/User Institution may decide:-

6.26.5.1 To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or

6.26.5.2 To cancel the remaining portion of the goods and services and compensate the successful tenderer by paying an agreed amount for the cost incurred by the successful tenderer towards the remaining portion of the goods and services.

6.26.5.3 To place orders for the unexecuted portion of the order or even the increased quantity with the next lowest qualified tenderer.

6.27 Imported Equipments

6.27.1 The Tender Inviting Authority shall no way involve in the import of the equipments from foreign countries, if such equipments are manufactured outside the country. It shall be the solemn duty of the tenderer to import the equipments offered by paying the requisite consideration in foreign currency and following the stipulations issued by the Government of India, from time to time, in the import of equipments, especially when the import is from hostile nations.

6.27.2 The tenderers shall inform any advantages in prices to the Tender Inviting Authority because of reductions/exemptions in customs duty in case of imported equipments at the time of pre-tender meeting and the tender document shall be modified by amendment to that extent.

6.27.3 The Tender Inviting Authority or the user institution will not interfere in any manner with the import process and the successful tenderer shall be solely responsible for supply and installation of any equipment at the time and locations stipulated/agreed to in the bids.

6.27.4 The Tender Inviting Authority prefers to deal with the importers or Indian subsidiaries of the foreign original equipment manufacturer having a place of business in India.

6.27.5 The payment will be made in Indian Rupees to the successful tenderer and under no circumstance, the request for opening of letter of credit or payment in foreign currency will be entertained.
6.27.6 The successful tenderer shall indemnify the Tender Inviting Authority from all liabilities/damages, if any, that may arise out of the conduct of the tenderer in violation of foreign exchange regulations.

6.27.7 However, the tenderers shall disclose the country of origin and shall obtain an undertaking from such OEM to provide spares or service support for the period of contract. Failure on the part of the OEM to perform the agreed terms of the undertaking in providing the spares and after sales support will be construed as violation of the contractual obligations by the successful tenderer terming the relation as that of a principal and agent under laws of the country. Such violations may eventually lead to forfeiture of performance security and also lead towards blacklisting/debarring the successful tenderer.

6.28 Intellectual Property Rights (IPR)

6.28.1 The successful tenderer shall, at all times, indemnify and keep indemnified the Tender Inviting Authority, free of cost, against all claims which may arise in respect of goods & services to be provided by the successful tenderer under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks.

6.28.2 In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the Tender Inviting Authority, the Tender Inviting Authority shall notify the successful tenderer of the same and the successful tenderer shall, at his own expenses take care of the same for settlement without any liability to the Tender Inviting Authority.

6.28.3 The Successful tenderer/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Tender Inviting Authority/ Government of India against all claims/ damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under Comprehensive Warranty/ CMC/AMC.

6.29 Corrupt or Fraudulent Practices

6.29.1 It is required by all concerned namely the User Institution/ Tenderers/ Successful tenderers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Tender Inviting Authority defines, for the purposes of this provision, the terms set forth below as follows:

6.29.1.1 “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

6.29.1.2 “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the
detriment of the Tender Inviting Authority, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Tender Inviting Authority of the benefits of free and open competition;

6.29.1.3 Government/Tender Inviting Authority will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question; will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the Tender Inviting Authority if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

6.29.2 No tenderer shall contact the Tender Inviting Authority or any of its officers or any officers of the government on any matter relating to its bid, other than communications for clarifications and requirements under this tender in writing, with an intention to influence the members of various committees or officials of Tender Inviting Authority. Any such effort by a tenderer to influence the Tender Inviting Authority in the Tender Inviting Authority’s bid evaluation committee, bid comparison or contract award decisions may result in rejection of the tenderers bid.

6.30 Force Majeure

6.30.1 For purposes of this clause, Force Majeure means an event beyond the control of the successful tenderer and not involving the successful tenderer’s fault or negligence and which is not foreseeable and not brought about at the instance of, the party claiming to be affected by such event and which has caused the non-performance or delay in performance. Such events may include, but are not restricted to, acts of the Tender Inviting Authority/User Institution either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, and freight embargoes.

6.30.2 If a Force Majeure situation arises, the successful tenderer shall promptly notify the Tender Inviting Authority/User Institution in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Tender Inviting Authority/User Institution in writing, the successful tenderer shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

6.30.3 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
6.30.4 In case due to a Force Majeure event the Tender Inviting Authority/User Institution is unable to fulfill its contractual commitment and responsibility, the Tender Inviting Authority/User Institution will notify the successful tenderer accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

6.31 Resolution of disputes

6.31.1 If dispute or difference of any kind shall arise between the Tender Inviting Authority/User Institution and the successful tenderer in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

6.31.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the tender document, either the Tender Inviting Authority/User Institution or the successful tenderer may give notice to the other party of its intention to commence arbitration, as provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India.

6.31.3 In the case of a dispute or difference arising between the Tender Inviting Authority/User Institution and a domestic Successful tenderer relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of Secretary to Health, Govt. of Kerala whose decision shall be final.

6.31.4 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., Trivandrum, India.

6.32 Applicable Law & Jurisdiction of Courts

6.32.1 The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.

6.32.2 All disputes arising out of this tender will be subject to the jurisdiction of courts of law in Thiruvananthapuram.

6.33 General/ Miscellaneous Clauses

6.33.1 Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Successful tenderer/its Indian Agent/CMC Provider on the one side and the Tender Inviting Authority on the other side, a relationship of master and servant or principal and agent.

6.33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
6.33.3 The Successful tenderer shall notify the Tender Inviting Authority/User Institution /the Government of India of any material change would impact on performance of its obligations under this Contract.

6.33.4 Each member/constituent of the Successful tenderer(s), in case of consortium shall be jointly and severally liable to and responsible for all obligations towards the Tender Inviting Authority/User Institution / Government for performance of contract/services including that of its Associates/ Sub Contractors under the Contract.

6.33.5 The Successful tenderer shall, at all times, indemnify and keep indemnified the Tender Inviting Authority/User Institution/Government of Kerala against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the successful tenderer/its associate/affiliate etc.

6.33.6 All claims regarding indemnity shall survive the termination or expiry of the contract.

6.34 Penalties for non-performance

6.34.1 The penalties to be imposed, at any stage ,under this tender are;

6.34.1.1 imposition of liquidated damages,

6.34.1.2 forfeiture of EMD/performance security

6.34.1.3 termination of the contract

6.34.1.4 blacklisting/debarring of the tenderer

6.34.2 Failure to produce the requisite certificates after claiming to possess such certificates or concealment or misrepresentation of facts will not only lead to rejection of tenders in the first round itself and/or may lead to forfeiture of EMD or performance security as well as result in black listing/debarring of the tenderer.

6.34.3 The penalties to be imposed on the tenderer, at any stage, will be decided on the basis of the violations of number of tender conditions specifically mentioned in the tender document as that leading to forfeiture or EMD/ Performance Security or leading to black-listing/ debarring.

6.34.4 Any unexcused delay by the successful tenderer in maintaining its contractual obligations towards delivery of goods and performance of services shall render the successful tenderer liable to any or all of the following sanctions:

6.34.5 Liquidated damages:- If the successful tenderer fails to deliver any or all of the goods or fails to perform the services within the time frame(s) prescribed in the contract, the Tender Inviting Authority/User Institution shall, without prejudice to
other rights and remedies available to the Tender Inviting Authority/User Institution under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% of the equipment to be supplied per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 15% of the contract price. Once the delivery period is exceeded, Tender Inviting Authority/User Institution may consider termination of the contract. During the above-mentioned delayed period of supply and/or performance, the conditions incorporated shall also apply and Tender Inviting Authority shall seek alternate measures at the risk and cost of the successful tenderers.

6.34.6 The penalties imposed by the Tender Inviting Authority will be published on the website of the Tender Inviting Authority for a period as decided as appropriate by it with a view to prevent other government institutions from procurement of equipments from such tenderers.

**6.35 Termination of Contract**

6.35.1 Termination for default: The Tender Inviting Authority/User Institution, without prejudice to any other contractual rights and remedies available to it (the Tender Inviting Authority/User Institution), may, by written notice of default sent to the successful tenderer, terminate the contract in whole or in part, if the successful tenderer fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Tender Inviting Authority/User Institution.

6.35.2 In the event of the Tender Inviting Authority/User Institution terminates the contract in whole or in part, the Tender Inviting Authority/User Institution may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the successful tenderer shall be liable to the Tender Inviting Authority/User Institution for the extra expenditure, if any, incurred by the Tender Inviting Authority/User Institution for arranging such procurement.

6.35.3 Unless otherwise instructed by the Tender Inviting Authority/User Institution, the successful tenderer shall continue to perform the contract to the extent not terminated.

6.35.4 Termination for insolvency: If the successful tenderer becomes bankrupt or otherwise insolvent, the Tender Inviting Authority reserves the right to terminate the contract at any time, by serving written notice to the successful tenderer without any compensation, whatsoever, to the successful tenderer, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and/or will accrue thereafter to the Tender Inviting Authority/User Institution.
6.35.5 Termination for convenience:- The Tender Inviting Authority/User Institution reserves the right to terminate the contract, in whole or in part for its (Tender Inviting Authority’s/User Institution’s) convenience, by serving written notice on the successful tenderer at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Tender Inviting Authority/User Institution. The notice shall also indicate interalia, the extent to which the successful tenderer’s performance under the contract is terminated, and the date with effect from which such termination will become effective.

6.35.6 Further details could be obtained from the office of the Managing Director of Kerala Medical Services Corporation Ltd during office hours at 0471-2337353, 4015522, 3045600

6.36 Fall Clause

The prices charged for the equipment supplies under the contract by successful tenderer shall in no event exceed the lowest price at which the successful tenderer sells the equipments of identical description to any other persons during the period of contract. If any time, during the contract, the tenderer reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the Tender Inviting Authority / user institution and the price payable under the contract of the equipments supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

Sd/-

Biju Prabhakar IAS
Managing Director, KMSCL & (Tender Inviting Authority)
APPENDIX: I

Technical Specifications

**GENERAL**

- The Pre-fabricated modular construction is designed and constructed for exact size, easy field installation and future disassembly, enlargement, or relocation.
- The panels shall be made of a durable and uniform material that should be easy to clean and extremely hygienic.
- Operation theatre should not have any sharp edges and corners and do not support bacteriological or fungicidal growth and is resistant to most chemicals commonly used in hospital departments.
- Joints between the panels in the Operation theatre should be sealed by means of silicon gasket application. The function of silicon sealing should be that of assuring an airtight environment in the room and eliminating crevices in which dust could not accumulate. The gaskets to be made of non toxic silicon in compliance with regulations applicable to clean rooms (to US FDA Standards), providing a durable and non-degradable seal that should be resistant to microorganism attack.
- Should have reaction to fire – Class 1 norm.
- The Operation Theatre should be commissioned with the following test as per NABH guidelines
  i. Overall air quality of the theatre shall be Class 10000 and above the operation table should be Class 1000.
  ii. Validation of HEPA filters by appropriate tests like DOP etc.
  iii. Air Velocity at outlet of terminal filtration unit / filters.
  iv. Air Particulate count.
  v. Air Change rate calculation.
  vi. Temperature & Humidity test.
  vii. Pressure differential levels of the OT wrt ambient / adjoining areas.
  viii. Positive pressure – Min. 15-20 Pascal
- Test Certificates of the above mentioned test shall be provided from a NABL Accredited Lab.

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| **VERTICAL LAMINAR FLOW – CENTRAL MODULE** | Factory made fully welded Vertical Laminar flow arrangement of A/C inside the theatre compromising of SS supply plenum including the 2” flanges on all sides, made of SS 304. 0.8mm, mat finish.)
- HEPA filters shall be mini pleat HEPA to get maximum height inside operation theatre, 0.3 microns, efficiency 99.99% EU14 (American Air filters or equivalent)
- Effective HEPA filter laminar flow area shall be 8’ x 6’.
- Should have filter protective grill made of SS 304, recessed ceiling mounting type, and provision / cutout for mounting the swivel OT light set.
- Necessary Aluminium ducting to achieve test results shall be provided, made of Aluminium sheet of 22 gauge as per IS 655 code.
- External thermal insulation - The supply ducts shall be insulated with 19mm Nitrile rubber and Return Air duct using 13mm Nitrile rubber.
- Necessary flexible connection and clamps for connection to AHU and wherever required shall be provided.
- Maximum sound limit in the Operation Theatre shall be 50 db. |
### VERTICAL LAMINAR FLOW – SUB MODULES

| II   | • HEPA filters shall be mini pleat and terminal fitted HEPA to get maximum height inside operation theatre, 0.3 microns, efficiency 99.99% EU14  
|      | • Effective HEPA filter laminar flow area shall be 8’ x 6’.  
|      | • Should have filter protective grill made of SS 304, recessed ceiling mounting type, and provision / cutout for mounting the swivel light set.  
|      | • Necessary Aluminium ducting to achieve test results shall be provided, made of Aluminium sheet of 22 gauge as per IS 655 code.  
|      | • External thermal insulation - The supply ducts shall be insulated with 19mm Nitrile rubber and Return Air duct using 13mm Nitrile rubber.  
|      | • Necessary flexible connection and clamps for connection to AHU and wherever required shall be provided.  |

### AIR RETURN MODULES

| III  | • Should have 10 micron filter, Stainless steel perforated grill and pressure balancing damper of size 18’ x 18’  
|      | • Necessary Aluminium ducting to achieve test results shall be provided, made of Aluminium sheet of 22 gauge as per IS 655 code.  
|      | • External thermal insulation - The supply ducts shall be insulated with 19mm Nitrile rubber and Return Air duct using 13mm Nitrile rubber.  |

### AIR PURIFICATION UNIT (AHU)

|      | • Drive - set of taperlock - self aligning pulleys.  
|      | • Blower mounting - on antivibration mountings [Dunlop / equivalent make].  
|      | • Base frame - for floor mounting model.  
|      | • Air volume control damper [inlet & outlet].  
|      | • 15W UV Sterilizer incorporated inside the AHU  |

### FALSE CEILING

| V    | • False ceiling shall be with aluminium concealed grid and 40mm PUF insulated prefabricated SS panels with facing side Stainless Steel 304 grade of thickness 0.8mm, hairline finish other side coated GI sheet of thickness 1mm.  
|      | • Necessary cutouts shall be provided for light fixtures and terminal filter modules.  
|      | • Liners shall be provided at all filter / grill / light seats.  
|      | • Filling and sealing gaps at joints all around with approved sealant (DOW CORNING or equivalent) of required color and shade to provide continuous edge support and ensure air tightness complete in all respect.  
|      | • The supporting frame / sub frame shall be of aluminium hollow section of size 25 x 40 x 1.6 mm or larger.  
|      | • The panel joints shall be sealed with DOW CORNINGS silicon sealant.  |
### WALL PANELLING – 50 mm

- Wall Panelling of the Operation Theatres shall be modular type, 50mm, pre fabricated panels.
- Size of the panel shall be 1200 x 2700 mm, facing sides finished with 0.8 mm, SS 304 grade, hairline finish and other side powder coated GI sheet.
- The panel shall be internally reinforced with aluminium profiles, core filled with PUF @ 40 kg / cu.m.
- Necessary cutouts shall be provided for grills, lights controls, etc.
- All wall mounted equipment to be flush mounted and sealed into theatre.
- The wall panels design and construction shall allow for the installation and support of all equipment and the provision of opening required for the installation, without affecting rigidity and strength.
- Wall to Wall & Wall to Ceiling coving shall be made of stainless steel 304 grade.
- The external finish of the corning shall be free of screws or fasters.
- The panel joints shall be sealed with DOW CORNINGS silicon sealant.
- Should have 3x3 ft view panel, double side glass with vacuum.

### WALL PANELLING – 100 mm

- The common wall between the operation theatres shall be Modular type 100mm, prefabricated panels.
- Size of the panel shall be 1200 x 2700 mm, both the facing sides finished with 0.8 mm, SS 304 grade, hairline finish and other side powder coated GI sheet.
- The panel shall be internally reinforced with aluminium profiles, core filled with PUF @ 40 kg / cu.m.
- Necessary cutouts shall be provided for grills, lights controls, etc.
- All wall mounted equipment to be flush mounted and sealed into theatre.
- The wall panels design and construction shall allow for the installation and support of all equipment and the provision of opening required for the installation, without affecting rigidity and strength.
- Wall to Wall & Wall to Ceiling coving shall be made of stainless steel 304 grade.
- The external finish of the corning shall be free of screws or fasters.
- The panel joints shall be sealed with DOW CORNINGS silicon sealant.
### SEAMLESS ANTISTATIC PU FLOORING.
- A floor screed of 3mm PU should be provided.
- Copper grounding meshed strips (not less than 0.5cm width) should be laid flat on the floor in the conductive adhesive and connect to copper wire of grounding.
- The floor finish in the operating room should be 2mm self leveling PU made of MRF / DUPONT or equivalent.
- The installed floor shall be of stain proof, Scratch resistant, Uniform color and free of joints / undulations / bubbles etc.
- Wall to Floor Ceiling - The cove shall be made with silica sand and PU with a radius of 60mm or larger, with all wall / floor joints made as merging without any unevenness.

### DOORS FRAMES – SWING DOOR
- Shall be made of Stainless Steel (AISI 304, 1 mm) double panel swing door with SS Frame.
- Should have 6’ SS 304 bearing hinges 4 each panel.
- Should have DORMA door closer used on each door panel and with DORMA door handles and hinges.
- Double door size shall be 1800mm width & 2100 mm height, 45mm panel thickness.
- External finish shall be of D finish / hair line finish.
- The door shall be one side opening type, the door seats shall be lined with silicon rubber gaskets for a leak proof seating.
- The bottom of the door shall be fitted with removable door bottom sweep with silicon rubber gasket.
- The view panels shall be of 300 x 300 mm or larger with 6 mm glass fixed on both sides.
- Should have one pair of offset handle, 1 door stopper, One set of lock with 3 keys for each set of doors.

### DOORS & FRAMES – HERMETIC SLIDING DOORS – Manual / Automatic
- Should be Manual / Automatic type, Microprocessor-controlled and regulated electromechanical sliding door.
- Canopy shall be made of coated steel plate, finished in RAL 9006 (aluminium coloured steel) with a sloping top.
- Rail construction shall be aluminium profile, Metaflex or equivalent system, one length.
- Door panels shall be of 60 mm thick with both sides, 1.2mm sandwiched laminated & 48mm PU sandwiched between the panels of SS 304. The above panel will be framed in anodized aluminium profiles.
- Should have special rubber Gasket on all 4 sides of the door blades.
- Level handles for opener on both sides.
- Window size shall be 300mm x 300mm, flush with door blade.
- Frame shall be of single aluminium frame profile, fixed to finished wall on both sides & SS plank of same colour as door blade in between the profiles.
- Automation shall be electric, type SDA-04, 230 V
- Should have one set of photo cell in the frame for safety.
- Should have 2x foot switch ES2, 2x radar hand switch MS1 switches.
- Should have clear opening of atleast 1500mm(w) x 2100mm(h).
**SURGEONS CONTROL PANEL**

- Should be Microprocessor integrated Panel with membrane switches.
- Control Panels shall meet Electrical Safety codes for High & Low voltage system, wired to the current IEE regulations.
- The OT Control Panel should be designed to cope with changing technology and equipment in operating environments.
- Control panel should be user friendly type and ease of operating and maintaining purpose.
- Each control panel shall consist of:
  - Digital Real Time Clock.
  - Time elapse clock.
  - General Lighting System controls.
  - Surgical Light controls.
  - Temperature & Humidity indicator with Controller.
  - Room Differential Pressure Indicator.
  - Hands Free Telephone.
  - Medical Gas Alarm.
  - Data cable sockets.
  - Music Control.
- The medical gas alarm indicate High & Low gas pressure for gas service present in the operation theatre and have audible buzzer with mute facility.
- All internal wiring should be of the high temperature type and enclosed in propriety ducting or mini.
- All internal wires should be marked with plastic ferrule type cable markers, for ease of identification.
- All wall mounted equipment should be flush mounted and sealed into theatre wall by means of a sterile jointing system.

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**CLEAN ROOM GRADE LIGHTS – LED**

- Clean room sterile grade light fixtures, 45 W LED with Milky white diffuser 600 mm x 600mm recess mounting type, leak proof construction (Philips or equivalent.)

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**CLEAN ROOM GRADE LIGHTS – CFL**

- Sterile grade washable room lights, 2’ x 1’ size, 36 W CFL x 2 nos fixtures with opal acrylic diffuser sheet and fully stainless body. (Philips or equivalent.)
| XII  | ULTRA VIOLET LIGHTS | 30 watts Philips or equivalent UV tube lights fixed to the frame with reflector.  
|      |                    | SS frames shall be made of .8mm SS 304, recess mounting type with hour meter.  
|      |                    | The unit shall be easy to disinfect and maintain.  |
| XIII | X-RAY FILM VIEWER  | The theatre should be equipped with a three plate X-ray viewing screen, design to provide a high level of control luminance, without flicker, from a unit that is easy to clean and maintain.  
|      |                    | The X-Ray viewing screen illumination should be 3 plate dimmable LED and shall works on single phase power supply.  
|      |                    | The front panel diffuser should be of a glare free type, sealed flush with the inside face of the operating theatre wall.  
|      |                    | It should be equipped with eight spring-loaded clips to secure the X-Ray negative when in use.  
|      |                    | LED Lamps should provide a uniform level of illumination across the entire front panel diffuser and should be controlled by electronic step-less dimming controls to provide flicker free dimming from maximum brightness to off.  
|      |                    | Access for maintenance and lamp changing should be front of the panel.  
|      |                    | Size of the unit should not be less than 800 x 400 mm.  
|      |                    | Shall be made of SS 304 G, 1.2mm sheet.  |
| XIV  | WRITING BOARD  | Writing boards for writing the details of surgery, made of light weight material, clean room grade having vacuum fixing properties and can be fixed on the wall of the operating room.  |
| XV   | ELECTRICAL WIRING WORKS (For areas ONLY WITHIN OT's) | Wiring with Low Leakage Current wires of FRLS wires of R&R / Finolex make or as per requirements including providing and fixing of conduit and boxes etc. to complete the work in all respect.  
<p>|      |                    | Wiring for 250volts single phases and neutral 6/16 Amps switched socket outlet with 4 sq.mm PVC insulated copper conductor 1100 volts grade stranded flexible wires in concealed surface mounted 25mm dia MS conduit including providing and fixing of metal box.  |</p>
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<tr>
<td>a</td>
<td>• Installation &amp; Commissioning of 3 Modular operation theatres as per the drawings &amp; specifications provided.</td>
</tr>
<tr>
<td>b</td>
<td>• Installation of Doors &amp; Frames for 3 Modular operations theatres (Swing type &amp; Hermetically type) as per the specification &amp; requirement from User institution.</td>
</tr>
<tr>
<td>c</td>
<td>• Flooring work of the Operation theatres shall be completed in co-ordination with PWD since the floor level of operation theatres and corridors shall be same.</td>
</tr>
<tr>
<td>d</td>
<td>• Contractor shall complete the aluminium ducting works inside operation theatre as per the drawings.</td>
</tr>
<tr>
<td>e</td>
<td>• New AHU for the operation theatres need to be installed on the Roof slab to save space, sound insulation and easy for maintenance.</td>
</tr>
<tr>
<td>f</td>
<td>• Necessary internal electrical wirings for Air conditioners &amp; Theatre lights shall be completed as per the requirement.</td>
</tr>
<tr>
<td>g</td>
<td>• New AHU’s shall install and kept above 2 pedestral platforms of size 1ft height x 1 ft width and 10 ft length.</td>
</tr>
<tr>
<td>h</td>
<td>• Necessary cutouts for ducting, scaffolding for the completion of work as per the drawings shall be done the contractor.</td>
</tr>
</tbody>
</table>

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.
Theatre Block at MCH Kottayam

Proposal Plan for Setting up of Cardiac Thoracic Operation Theatre
### APPENDIX: II

**SCHEDULE OF REQUIREMENTS**

**MODULAR OPERATION THEATRE**

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of Hospital</th>
<th>District</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Medical College, Kottayam</td>
<td>Kottayam</td>
<td>3</td>
</tr>
</tbody>
</table>
APPENDIX : III

SAMPLE PRICE EVALUATION

The price bid evaluation will not be on the basis of price quoted for the equipment. The NPV of CMC for the period mentioned in cl 5.1 and the cost of the main reagents, consumables (if asked to quote separately in price bid form Annexure XIII) and buy back price offered will be considered as follows. In the sample calculation the warranty is taken as 3 years and CMC as 7 years after the warranty period.

<table>
<thead>
<tr>
<th>Description</th>
<th>Firm I</th>
<th>Firm II</th>
<th>Firm III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit equipment cost (A)</td>
<td>995000</td>
<td>1090000</td>
<td>1050000</td>
</tr>
<tr>
<td>IV year CMC</td>
<td>35000</td>
<td>25000</td>
<td>40000</td>
</tr>
<tr>
<td>V year CMC</td>
<td>40000</td>
<td>25000</td>
<td>40000</td>
</tr>
<tr>
<td>VI year CMC</td>
<td>50000</td>
<td>30000</td>
<td>40000</td>
</tr>
<tr>
<td>VII year CMC</td>
<td>60000</td>
<td>35000</td>
<td>40000</td>
</tr>
<tr>
<td>VIII year CMC</td>
<td>70000</td>
<td>40000</td>
<td>50000</td>
</tr>
<tr>
<td>IX year CMC</td>
<td>80000</td>
<td>45000</td>
<td>50000</td>
</tr>
<tr>
<td>X year CMC</td>
<td>100000</td>
<td>50000</td>
<td>50000</td>
</tr>
<tr>
<td>NPV @ 8% (B)*</td>
<td>243625</td>
<td>141999</td>
<td>180356</td>
</tr>
<tr>
<td>Effective value for calculating L1 (A+B)-(C)*</td>
<td>1138625</td>
<td>1131999</td>
<td>1130356</td>
</tr>
</tbody>
</table>

\[ B = \frac{1}{(1.08)^4} \times IV \text{ year CMC} + \frac{1}{(1.08)^5} \times V \text{ year CMC} + \frac{1}{(1.08)^6} \times VI \text{ year CMC} + \frac{1}{(1.08)^7} \times VII \text{ year CMC} + \frac{1}{(1.08)^8} \times VIII \text{ year CMC} + \frac{1}{(1.08)^9} \times IX \text{ year CMC} + \frac{1}{(1.08)^10} \times X \text{ year CMC} \]

Status

<table>
<thead>
<tr>
<th>Status</th>
<th>L3</th>
<th>L2</th>
<th>L1</th>
</tr>
</thead>
</table>

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre. 61
ANNEXURE I

WARRANTY / SERVICE DECLARATION

(to be submitted by manufacturers)

No.                                Dated:

To

The Managing Director
Kerala Medical Services Corporation Ltd
(Tender Inviting Authority)

Dear Sir,

Tender No : 
Tender Name : 

1. We …………………………………… (name of the tenderer) declare that we are responsible for installing and commissioning Modular Operation theater as per the specification of the tender referred above having registered office at ………….. (full address with telephone number/fax number & email ID and website).

2. We hereby declare that we are willing to provide guarantee/warranty and after sales service during the period of warranty/CMC/AMC for all the works done and equipments supplied and installed as part of commissioning the Modular operation theater as per the above tender.

3. We also hereby declare that we have the capacity to manufacture / supply, install and commission the modular operation theater tendered within the stipulated time.

   (Name)
   for and on behalf of M/s. ____________

   Date:             (Name of tenderers)

   Place:            

Note: This letter of authority should be on the letterhead of the tenderer and should be signed by a person competent and having the power of attorney to bind the tenderer.
KERALA MEDICAL SERVICES CORPORATION LTD
INSTALLATION AND COMMISIONING CERTIFICATE
(to be filled jointly by the Tenderer, head of user institution & Representative of the Tender Inviting Authority individually for every equipment)

<table>
<thead>
<tr>
<th>HOSP CODE /Hospital Name:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SUP CODE / Name of the Supplier</td>
<td></td>
</tr>
<tr>
<td>EQPT CODE / Name of the Work:</td>
<td></td>
</tr>
<tr>
<td>Purchase Order no</td>
<td>Dated</td>
</tr>
<tr>
<td>Purchase Order Amount</td>
<td>Project Name</td>
</tr>
<tr>
<td>Installation started date</td>
<td>Installation completed date</td>
</tr>
<tr>
<td>Comprehensive Warranty period – from</td>
<td>Comprehensive Warranty period – to</td>
</tr>
<tr>
<td>Installation location /department /Room No</td>
<td></td>
</tr>
<tr>
<td><strong>Installed by:</strong> Service Er. Name/ID No</td>
<td>Contact No: / Mobile no</td>
</tr>
<tr>
<td>Service center address</td>
<td></td>
</tr>
<tr>
<td>Service Centre Manager’s name</td>
<td>Contact No: / Mobile no</td>
</tr>
</tbody>
</table>

Whether a digital Photograph of the installed equipment taken after affixing the sticker in the presence of the hospital personnel?

**YES/NO (tick one)**

Whether the Demonstration of the equipment with accessories on the technical specification/key features was conducted to the satisfaction at the time of installation?

**YES/NO (tick one)**

Whether training was conducted to the satisfaction at the time of installation?

**YES/NO (tick one)**
### Equipments & Accessories Supplied

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty.</th>
<th>Make</th>
<th>Serial No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Short supply items, if any

<table>
<thead>
<tr>
<th>Preventive maintenance schedule</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2/4 visits</td>
<td>2/4 Visits</td>
<td>2/4 visits</td>
</tr>
</tbody>
</table>

Remarks of hospital authorities

Recommend to release 60% payment

- YES [ ]
- NO [ ]

The equipment is working satisfactorily

- YES [ ]
- NO [ ]

The equipment was installed and handed over on ………………………… (Installation date to be filled in by the Head of the institution or by the end user)

<table>
<thead>
<tr>
<th>Signature of service Er.</th>
<th>Signature of end user</th>
<th>Signature of BME</th>
<th>Signature of the Supdt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td>Name:</td>
<td>Name:</td>
<td>Name:</td>
</tr>
<tr>
<td>ID No.</td>
<td>Department</td>
<td>Organization</td>
<td></td>
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</tbody>
</table>

| Date:                     | Date:                 |
|                          | Hospital Seal:        |
|                          |                       |

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.
Kerala Medical Services Corporation Ltd
Warranty Certificate
(to be filled jointly by the Tenderer, head of user institution & Representative of the Tender Inviting Authority individually for every equipment)

Date:

KMSCL Supply order No: ………………………… dated…………..

The equipment ………………………………………………….(Equipment Name) Model No……………………… bearing serial no …………………… Was installed successfully at ………………………………………………..(Institution Name) is offered with a comprehensive warranty for a period of …… Years starting from …………………………….to……………… including all the following accessories:

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of the accessory</th>
<th>Manufacturer’s name</th>
<th>Sl No</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Signature of the Supplier
Name:  
Seal:

Signature of the Supdt./ End user
Name:  
Seal:
# Annexure IV

**KERALA MEDICAL SERVICES CORPORATION LTD**

**ONE MONTH PERFORMANCE CERTIFICATE**

*(to be filled by the head of user institution individually for every equipment)*

**Date:**

<table>
<thead>
<tr>
<th>HOSP CODE/Hospital Name:</th>
<th>SUP.CODE/ Name of the Supplier</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>EQPT CODE /Name of the equipment:</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Serial no.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Installation date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Installation location</th>
<th>Project name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purchase Order No</th>
<th>Dated</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Whether Equipment working satisfactorily without any problem for one month?**

YES [ ] NO [ ]

If No, details of equipment failure in the first month *(attach additional details if any in a separate sheet)*

**DETAILS OF EQUIPMENT FAILURE**

<table>
<thead>
<tr>
<th>Break down date(s)</th>
<th>Attended date</th>
<th>Rectified date</th>
<th>Attended by</th>
<th>Details of break down / service</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Present status of the equipment**

Working satisfactorily [ ] Not working satisfactorily [ ]

**Recommended to settle the final 40% of payment**

YES [ ] NO [ ]
<table>
<thead>
<tr>
<th>Recommend for trial run for one more month</th>
<th>YES ☐ NO ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance of accessories supplied</td>
<td></td>
</tr>
<tr>
<td>Further Training</td>
<td>Required ☐ Not required ☐</td>
</tr>
<tr>
<td>Remarks of hospital authorities;</td>
<td></td>
</tr>
<tr>
<td>One month performance certificate was issued on ……………… (date to be filled in by the Head of the institution or by the end user)</td>
<td></td>
</tr>
<tr>
<td>Signature of department head/End user</td>
<td>Signature of the Supdt.</td>
</tr>
<tr>
<td>Name:</td>
<td>Name:</td>
</tr>
<tr>
<td>Department</td>
<td></td>
</tr>
<tr>
<td>Date:</td>
<td>Date:</td>
</tr>
<tr>
<td>Seal of supplier:</td>
<td>Hospital Seal:</td>
</tr>
</tbody>
</table>
AGREEMENT

THIS AGREEMENT made the........ day of ............, 20....... between.........................
(Name and Address of Purchaser) represented by the Managing Director..................
(hereinafter “the Purchaser”) of one part and ...................(Name and Address of Supplier)
................................. (hereinafter “the Supplier”) represented by ......................... (Name
of the Authorized Signatory and Designation), Aged ........ years, residing at
......................................... (Full Residential Address of the Signatory) of the other part:

WHEREAS the Purchaser has invited tenders for the supply of
.............................................(brief description of goods and services vide tender
no........................................ dated .......................). The supplier has submitted
technical and price bids and also demonstrated the technical specifications / features / other
quality requirements as contained in the tender document. The Purchaser has finalized the
tender in favour of the Supplier for the for the supply of the said goods and services for a total
cost of Rs. ................... (Contract Price in Words and Figures) (hereinafter “the Contract
Price”) and issued Letter of Intent no .................................................. Dated ..............

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

2) In this Agreement words and expressions shall have the same meanings as are
respectively assigned to them in the tender document referred to.

2) The following documents shall be deemed to form and be read and constructed as part
of this Agreement, viz.:

2) all the documents submitted by the tenderer as part of technical bid and price bid;

(b) the Schedule of Requirements;

(c) the Technical Specifications and other quality parameters;

(d) the clarifications and amendments issued / received as part of the tender
document

(d) the General Conditions of Contract;

(e) the Specific Conditions of Contract; and

(f) the Purchaser’s Letter of Intent

3. In consideration of the payments to be made by the Purchaser to the Supplier as
hereinafter mentioned, the Supplier hereby covenants with the Purchaser to supply,
install and commission the Goods and Services and to remedy defects therein in
conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of
the Goods and Services and the remedying of defects therein, the Contract Price or such
other sum as may become payable under the provisions of the Contract at the times and
in the manner prescribed by the Contract.
BRIEF PARTICULARS OF THE GOODS AND SERVICES WHICH SHALL BE SUPPORTED / PROVIDED BY THE SUPPLIER ARE:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Brief Description of goods</th>
<th>Quantity to be supplied</th>
<th>Unit Price</th>
<th>Total Amount (3 x 4)</th>
<th>Sales Tax &amp; other Taxes Payable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Value: 5 + 6

Delivery Schedule:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

said ...........................................(For the Purchaser)

in the presence of ...........................................

Signed, Sealed and Delivered by the

said ...........................................(For the Supplier) (Signature, Name, Designation and Address with Office seal)

in the presence of ...........................................

1) (Signature, Name and Address of witness)

2) (Signature, Name and Address of witness)
BANK GUARANTEE FORM

To
The Kerala Medical Services Corporation Limited
(Address)

WHEREAS _____________________________ (Name and address of the supplier)
(Hereinafter called “the supplier”) has undertaken, in pursuance of Tender / Contract
no________________________ dated _____________ (herein after called “the contract”)
to supply The Kerala Medical Services Corporation Ltd., Thycaud,
Thiruvananthapuram-14 with ………………………………………… (description of
goods and supplies).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall
furnish you with a bank guarantee by a scheduled commercial bank recognised by you
for the sum specified therein as security for compliance with its obligations in accordance
with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on
behalf of the supplier, up to a total amount of ________________________ (Amount of
the guarantee in words and figures), and we undertake to pay you, upon your first
written demand declaring the supplier to be in default under the contract and without
cavil or argument, any sum or sums within the limits of (amount of guarantee) as
aforesaid, without your needing to prove or to show grounds or reasons for your
demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before
presenting us with the demand.

We undertake to pay you any money so demanded notwithstanding any dispute or
disputes raised by the supplier(s) in any suit or proceeding pending before any Court or
Tribunal relating thereto our liability under these presents being absolute and
unequivocal.

We agree that no change or addition to or other modification of the terms of the contract
to be performed there under or of any of the contract documents which may be made
between you and the supplier shall in any way release us from any liability under this
guarantee and we hereby waive notice of any such change, addition or modification.
No action, event, or condition that by any applicable law should operate to discharge us
from liability, hereunder shall have any effect and we hereby waive any right we may
have to apply such law, so that in all respects our liability hereunder shall be irrevocable
and except as stated herein, unconditional in all respects.
This guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier(s).

We, ________________________________ (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent, in writing, of The Kerala Medical Services Corporation Limited.

This Guarantee will remain in force up to (Date). Unless a claim or a demand in writing is made against the bank in terms of this guarantee on or before the expiry of (Date) all your rights in the said guarantee shall be forfeited and we shall be relieved and discharged from all the liability thereunder irrespective of whether the original guarantee is received by us or not.

(Signature with date of the authorised officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch
### CHECK LIST

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Item</th>
<th>Whether Included</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>A. Check list &amp; Financial details.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Check list as per Annexure VII.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tender Document Cost as DD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>The Earnest Money Deposit as DD/bank Guarantee as per Annexure VI.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>B. Registration Documents</strong></td>
<td></td>
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</tr>
<tr>
<td>4*</td>
<td>General information about the tenderer as per Annexure VIII.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5*</td>
<td>Power of Attorney as per format in Annexure XV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6*</td>
<td>Notary Attested registration documents proving the registration of the place of business and showing the details of partners/promoters/board of directors etc. (as applicable for the type of firm it is registered.)</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a. Memorandum of Association and Articles of Association / Incorporation Certificate</td>
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</tr>
<tr>
<td></td>
<td>b. Proprietary Registration Certificate</td>
<td></td>
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<tr>
<td></td>
<td>c. Partnership deed.</td>
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<tr>
<td></td>
<td>d. Society Registration Certificate</td>
<td></td>
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</tr>
<tr>
<td>7*</td>
<td>Audited Accounts Statement of the following documents for the last 3 financial years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7a</td>
<td>Annual Report, Balance sheet, P&amp;L Statement for Financial year 2009-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7b</td>
<td>Annual Report, Balance sheet, P&amp;L Statement for Financial year 2010-11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7c</td>
<td>Annual Report, Balance sheet, P&amp;L Statement for Financial year 2011-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8a</td>
<td>IT Returns for the Assessment Year – 2010-11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8b</td>
<td>IT Returns for the Assessment Year – 2011-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8c</td>
<td>IT Returns for the Assessment Year – 2012-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9*</td>
<td>Turn over statement as per Annexure XVI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10*</td>
<td>Sales tax clearance certificate as on 31-3-2012.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11*</td>
<td>Details of Service centers as per Annexure X.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12*</td>
<td>Documents showing service centre facilities in Kerala/South India.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Any valid address proof)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. Technical Documents

*KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.*
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Offer form as per Annexure IX</td>
</tr>
<tr>
<td>14</td>
<td>The documents proving that the tenderer is is willing to provide guarantee/warranty and after sales service during the period of warranty/CMC/AMC for all the works done and equipments supplied (Annexure I)</td>
</tr>
<tr>
<td>15</td>
<td>Technical literature, product data sheet with original brochure and other documents of the offered model.</td>
</tr>
<tr>
<td>16</td>
<td>Comparative statement of the technical specifications and compliance with the suppliers offered model proving that the equipment meet all the technical parameters as laid down under Section IV, deviations and justifications.</td>
</tr>
<tr>
<td>17</td>
<td>Preventive Maintenance check list as per Annexure XI</td>
</tr>
<tr>
<td>18</td>
<td>Calibration Check list as per Annexure XII</td>
</tr>
</tbody>
</table>

**D. Market Standing / Supplier Standing / Govt. Supply Documents**

(Documents showing that the tenderer and manufacturer have been in the business of supply and installation of the equipment offered for the last three years – No Separate documents required in case Tenderer and Manufacturer are same.)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>19 a.</td>
<td>Purchase order copy of the offered model by Tenderer in the year 2009</td>
</tr>
<tr>
<td>19 b.</td>
<td>Purchase order copy of the offered model by Manufacturer in the year 2009</td>
</tr>
<tr>
<td>19 c.</td>
<td>Purchase order copy of the offered model by Tenderer in the year 2010</td>
</tr>
<tr>
<td>19 d.</td>
<td>Purchase order copy of the offered model by Manufacturer in the year 2010</td>
</tr>
<tr>
<td>19 e.</td>
<td>Purchase order copy of the offered model by Tenderer in the year 2011</td>
</tr>
<tr>
<td>19 f.</td>
<td>Purchase order copy of the offered model by Manufacturer in the year 2011</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Documents to prove that tenderer and manufacturer supplied and installed 30 % of the tendered quantity of the same/similar equipment as per the schedule of requirements in any one of the last two calendar years in the country</td>
</tr>
<tr>
<td>21</td>
<td>Satisfactory performance certificate from at least 50 % of installed equipments of same type and make/same or lower or higher configuration in the health care institutions under the Department of Health and Family Welfare, Government of Kerala in the past three years subject to the 30 % limits imposed under cl.5.2.2. (if applicable)</td>
</tr>
<tr>
<td>22</td>
<td>List of Installations of the offered model in Kerala and South India (government and private instructions separately with name/designation of the contact person, phone number/fax/e-mail)</td>
</tr>
</tbody>
</table>

**E. Others**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Tender document terms &amp; conditions acceptance declaration as per Annexure XVII signed &amp; sealed by the tenderer or the authorised signatory.</td>
</tr>
<tr>
<td>24</td>
<td>Copy of Amendment published if any signed by the tenderer or the authorised signatory.</td>
</tr>
</tbody>
</table>

* KMSCL registered vendors need not submit
## GENERAL INFORMATION ABOUT THE TENDERER

<table>
<thead>
<tr>
<th></th>
<th>Name of the Tenderer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Registered address of the firm</td>
</tr>
<tr>
<td></td>
<td>State</td>
</tr>
<tr>
<td></td>
<td>Telephone No.</td>
</tr>
<tr>
<td></td>
<td>Email</td>
</tr>
</tbody>
</table>

### Contact Person Details

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Telephone No.</td>
<td>Mobile No.</td>
</tr>
</tbody>
</table>

### Communication Address

<table>
<thead>
<tr>
<th></th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>State</td>
</tr>
<tr>
<td></td>
<td>Telephone No.</td>
</tr>
<tr>
<td></td>
<td>Email</td>
</tr>
</tbody>
</table>

### Type of the Firm (Please ✓ relevant box)

<table>
<thead>
<tr>
<th></th>
<th>Private Ltd.</th>
<th>Public Ltd.</th>
<th>Proprietorship</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Partnership</td>
<td>Society</td>
<td>Others, specify</td>
</tr>
</tbody>
</table>

### Nature of Business (Please ✓ relevant box)

<table>
<thead>
<tr>
<th></th>
<th>Original Equipment Manufacturer</th>
<th>Authorized Dealer /Representative</th>
<th>Others, specify</th>
</tr>
</thead>
</table>

### Key Personnel Details (Chairman, CEO, Directors, Managing Partners etc.)

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Name</td>
<td>Designation</td>
</tr>
</tbody>
</table>

### Whether any criminal case was registered against the company or any of its promoters in the past? [Yes / No]

### Other relevant Information provided *

(Here enclose the details such as presentation on the details of the tenderer in a CD preferably, please avoid submission of detailed leaflets/brochures etc, if possible.)

<table>
<thead>
<tr>
<th>Date:</th>
<th>Office Seal</th>
<th>Signature of the tenderer / Authorised signatory</th>
</tr>
</thead>
</table>
Annexure IX

OFFER FORM

I. Having examined and accepting the conditions of the tender document no ………………………………………. we here by submit this offer for installing and commissioning the modular operation theatre conforming the detailed technical specification mentioned in section IV of the tender document. The details of the equipment offered in the modular operation theater are as follows.

<table>
<thead>
<tr>
<th>Name of the equipment</th>
<th>Model name (s) of the equipment offered</th>
<th>Original Equipment Manufacturer</th>
<th>Quantity offered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Date: Office seal

Signature of the tenderer/Authorized signatory
# SERVICE CENTRE DETAILS

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name and address of the service center(s)</th>
<th>Contact Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Telephone No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fax No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email ID:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name of the Service Engr.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mobile No.</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Telephone No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fax No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email ID:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name of the Service Engr.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mobile No.</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Telephone No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fax No:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email ID:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Name of the Service Engr.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mobile No.</td>
</tr>
</tbody>
</table>

Date: ____________________________
Office seal
Signature of the tenderer/Authorized signatory

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.
KERALA MEDICAL SERVICES CORPORATION LTD
PREVENTIVE MAINTENANCE CHECK LIST

Equipment Name: 
Model: 

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Activities carried out during Preventive Maintenance visit</th>
<th>Visit 1</th>
<th>Visit 2</th>
<th>Visit 3</th>
<th>Visit 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
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<td>2</td>
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<td>11</td>
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<tr>
<td>12</td>
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<td></td>
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<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(put '√' in the appropriate visit during which the activity is carried out)

Date: 
Office seal
Signature of the tenderer/Authorized signatory

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre.
## KERALA MEDICAL SERVICES CORPORATION LTD
### CALIBRATION CHECK LIST

**Equipment Name:**

**Model:**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Parameters to be calibrated</th>
<th>Frequency of calibration required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>4</td>
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<td></td>
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<td>11</td>
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<tr>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: 

Office seal

Signature of the tenderer/Authorized signatory
KERALA MEDICAL SERVICES CORPORATION LTD

PRICE BID FORM

To

The Managing Director,
(Tender Inviting Authority)
Kerala Medical Services Corporation Ltd
Thycaud P.O., Thiruvananthapuram -685014
Kerala

Sir,

Having examined and read the tender document for the supply installation and commissioning of ........................................ at ................. (no) of hospitals/health care institutions under the Department of Family Welfare and Health, we here offer our best price for the equipments and turnkey work mentioned herein as follows.

I. BEST PRICE OFFERED FOR INSTALLATION OF MODULAR OPERATION THEATRE

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Unit</th>
<th>Unit price * (A) (₹)</th>
<th>Quantity (D)</th>
<th>Total Price Offered * (CxD) (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Vertical Laminar Flow – Central Module</td>
<td>No</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>Vertical Laminar Flow – Sub Modules</td>
<td>No</td>
<td></td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>III</td>
<td>Air Return Modules</td>
<td>No</td>
<td></td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>IV</td>
<td>Air Purification Unit (AHU)</td>
<td>No</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>False ceiling</td>
<td>Sq.ft.</td>
<td>1179 (sq.ft.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VI</td>
<td>Wall Panelling – 50 mm</td>
<td>Sq.ft.</td>
<td>1724 (sq. ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VII</td>
<td>Wall Panelling – 100</td>
<td>Sq.ft.</td>
<td>513 (squ. ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VIII</td>
<td>Seamless Antistatic PU Flooring</td>
<td>Sq.ft.</td>
<td>1323 (sq.ft.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IX a</td>
<td>Door &amp; Frames Frames – Swing Door</td>
<td>No.</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>IX b</td>
<td>Door &amp; Frames – Hermetic Sliding Doors – Manual / Automatic</td>
<td>No.</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>Surgeons Control Panel</td>
<td>No.</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>XI a</td>
<td>Clean Room Grade Lights - LED</td>
<td>No.</td>
<td></td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

---

KMSCL: Tender Document for the installation & commissioning of Modular Operation Theatre. 79
<table>
<thead>
<tr>
<th></th>
<th>Clean Room Grade Lights - CFL</th>
<th>No.</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>XII</td>
<td>Ultraviolet Lights</td>
<td>No.</td>
<td>6</td>
</tr>
<tr>
<td>XIII</td>
<td>X-ray Film Viewer</td>
<td>No.</td>
<td>3</td>
</tr>
<tr>
<td>XIV</td>
<td>Writing Board</td>
<td>No.</td>
<td>3</td>
</tr>
</tbody>
</table>

### Total Amount

### Tax

### Grand Total

**In words:**

* (inclusive of freight, insurance and all other charges)
+ Optional to be quoted if available

### NOTE:

i. Price Bid will be evaluated by adding together the total rates rates offered by the tenderer and purchase order quantities may vary accordingly to the user institution requirements.

ii. The square feet area mentioned above were prepared by the tender inviting authority, however payment shall be released for the actual area measured.

iii. The rates shall be offered considering the general and scope of turnkey mentioned in the technical specification. The rate offered shall be inclusive of all charges towards installing and commissioning the above said components of Modular operation theater.

### II. AMC CHARGES (LABOUR ONLY) per unit in Rs.

<table>
<thead>
<tr>
<th>Equipment Name/Component</th>
<th>Qty</th>
<th>AMC Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular Operation Theatre</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

#### Grand Total

<table>
<thead>
<tr>
<th>IV Year</th>
<th>V Year</th>
<th>VI Year</th>
<th>VII Year</th>
<th>VIII Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
### III. CMC CHARGES (LABOUR ONLY) per unit in ₹

<table>
<thead>
<tr>
<th>Equipment Name/Component</th>
<th>Qty</th>
<th>CMC Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>IV Year</td>
</tr>
<tr>
<td>Modular Operation Theatre</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>TOTAL (taken for evaluation)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: Office seal

Signature of the tenderer/Authorized signatory
## KERALA MEDICAL SERVICES CORPORATION LTD
### SPARES PRICE LIST

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Spare name</th>
<th>Cost (inclusive of all charges)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: 
Office seal: 
Signature of the tenderer/Authorized signatory:
POWER OF ATTORNEY
(On a Rs.100 Stamp Paper)

I/ We………………………………………………….(name and address of the registered
office) do hereby constitute, appoint and authorise Sri/Smt
…………………………………………………..…(name and address) who is presently employed
with us and holding the position of …………………………………………. As our attorney, to
act and sign on my/our behalf to participate in the tender no……………………………………. for
…………………………………… (Equipment name).

I/ We hereby also undertake that I/we will be responsible for all action of
Sri/Smt……………………………………….. undertaken by him/her during the tender process
and thereafter on award of the contract. His / her signature is attested below

Dated this the ___day of 201_
For__________________

(Name, Designation and Address)

Accepted
____________ (Signature)
(Name, Title and Address of the Attorney)
Date : __________
**ANNUAL TURN OVER STATEMENT**

The Annual Turnover of M/s _______________________________ for the past three years are given below and certified that the statement is true and correct.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Year</th>
<th>Turnover in Lakhs (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2009 - 2010</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>2010 - 2011</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>2011 - 2012</td>
<td>-</td>
</tr>
</tbody>
</table>

Total - Rs. ____________________ Lakhs.

Average turnover per year - Rs. ____________________ Lakhs.

Date:

Signature of Auditor/ Chartered Accountant  
(Name in Capital)

Seal:
DECLARATION FORM

I/We M/s._____________________ represented by its Proprietor / Managing Partner / Managing Director having its Registered Office at ______________________________________________________________

__________________________________________________________________________ do hereby declare that

I/We have carefully read all the conditions of tender KMSCL/EP/T29/393/2012 DATED 06.10.2012 for the Installation and commissioning of Modular Operation Theatre floated by the Kerala Medical Services Corporation Ltd., Thiruvananthapuram and accepts all conditions of Tender.

Signature of the Tenderer
Name in capital letters with Designation